

Prices of U.S. and Foreign Published Materials

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The Library Materials Price Index (LMPI) Editorial Board of the American Library Association's Association for Library Collections and Technical Services' Publications Committee continues to monitor prices for a range of library materials from sources within North America and from other key publishing centers around the world.

The U.S. Consumer Price Index (CPI) increased by 1.5 percent in 2013. This was similar to the increase seen in 2010 (1.5 percent), and only slightly less than that of 2012 (1.7 percent). CPI data are obtained from the Bureau of Labor Statistics website at <http://www.bls.gov>.

The U.S. Periodical Price Index (USPPI) (Table 1) has been reestablished by Stephen Bosch using data provided by EBSCO Subscription Services. The data used to create this index have been derived from a title list based on data from EBSCO on the most frequently ordered serials in their system. The new USPPI is based on a mix of both print and online pricing, which is a more accurate representation of an average library's journal collection. The new USPPI has been indexed to a base year of 2010. Percent changes in average prices from previous years are noted in the chart below under the category "Periodicals."

Table 8, Average Price of Serials, continues in this year's article and provides the average price trends of serials from 2010 through 2014. The table is based on titles indexed in ISI Arts and Humanities Citation Index, ISI Science Citation Index, ISI Social Sciences Citation Index, EBSCO Academic Search Premier, and

EBSCO Masterfile Premier. It differs from the data that appear in the U.S. Periodical Price Index (USPPI) because the data set of titles varies from year to year, as do the changes in pricing. This table measures the changes in price for more than 10,000 academic titles over a period of five years. Changes in average prices from previous years are noted in the chart below under the category "Serials." Table 8A, Average Price of Online Serials, is a new table established by Bosch. This table is based on a subset of the titles in Table 8. Changes in average prices are noted in the chart below under the category "Online Serials."

The British Academic Book Index (Table 9) has been recalculated and revised back to 2009 by compiler George Aulisio, due to new data provided by YBP. The current table is the most accurate depiction of average prices and production of British academic books.

All other indexes continue unchanged from last year's article.

U.S. Published Materials

Tables 1 through 7B indicate average prices and price indexes for library materials published primarily in the United States. These indexes are U.S. Periodicals (Table 1), Legal Serials Services (Table 2), U.S. Hardcover Books (Table 3), North American Academic Books (Table 4), North American Academic E-Books (Table 4A), North American Academic Textbooks (Table 4B), U.S. College Books (Table 5), U.S. Mass Market Paperback Books (Table 6), U.S. Paperbacks (Excluding Mass Market) (Table 7), U.S. Audiobooks (Table 7A), and U.S. E-Books (Table 7B).

Periodical and Serials Prices

The U.S. Periodical Price Index (USPPI) (Table 1) has been reestablished by Stephen Bosch using data supplied by EBSCO Subscription Services. This report includes 2010, 2011, 2012, 2013, and 2014 data indexed to the base year of 2010. The title list used in the new Table 1 differs from previous versions, so a new base year is appropriate. Table 1 is based on a selected set of titles that, as much as possible, will remain as the base for future comparisons. The data in Table 1 are based on a print preferred data pull with about half the data in the index being based on online pricing so that the data provide a strong mix of both print and online pricing. The subscription prices used are publishers' list prices, excluding publisher discount or vendor service charges.

The new USPPI treats a little more than 5,500 titles in comparison with the original title list, which covered only about 3,700 titles. Russian translations are no longer a focus of the index. These were once seen as a major cost factor, but this is no longer the case and therefore their inclusion in or exclusion from the index no longer makes sense.

The main delay in reestablishing this index was due to the difficulty of maintaining the title list and obtaining pricing for titles on the list. Changes in serials titles due to ceased publication, mergers, package titles, direct orders, and publication delays are a few of the situations that can affect compilers' ability to obtain current pricing information. The new index retained that part of the title list from

Index	Percent Change				
	2009	2010	2011	2012	2013
CPI	2.7	1.5	3.0	1.7	1.5
Periodicals	n.a.	n.a.	4.6	5.9	6.1
Legal serials services	n.a.	3.5	11.0	6.1	10.5
*Hardcover books	0.34	5.54	0.87	4.79	-2.46
+Academic books	-1.2	12.4	4.6	8.0	n.a.
+Academic e-books	-18.4	13.7	-0.3	23.0	n.a.
+Textbooks	1.7	0.7	3.5	10.6	n.a.
College books	4.1	-2.3	4.6	2.15	4.21
*Mass market paperbacks	3.08	1.94	2.34	0.57	-0.43
*Trade paperbacks	-0.41	7.30	-9.99	22.16	0.02
*Audiobooks	9.88	-1.19	-4.39	-10.76	8.60
*U.S. e-books	-22.80	-6.07	-41.17	-6.37	21.42
++Serials	n.a.	4.1	5.8	5.8	6.1
++Online serials	n.a.	n.a.	8.8	6.2	6.9
British academic books	n.a.	0.16	2.77	10.81	1.67

n.a. = not available

* = figures revised based on BISAC categories

+Beginning with 2009, new data source

++Data set changes each year

(text continues on page 428)

Table 1 / U.S. Periodicals: Average Prices and Price Indexes 2010–2014
Index Base 2010 = 100

Subject	LC Class	Titles	2010		2011		2012		2013		2014		Price Increase 2013–2014 (Base = 2010)
			Avg. Price	Titles	Avg. Price	Titles	Avg. Price	Titles	Avg. Price	Titles	Avg. Price	Titles	
Agriculture	S	242	\$579.48		\$610.84		\$641.43		\$687.22		\$726.67		5.7%
Anthropology	GN	36	373.64		391.31		411.00		430.83		453.36		5.2
Arts and architecture	N	107	112.39		116.80		120.62		125.24		130.70		4.4
Astronomy	QB	26	1,793.08		1,662.27		1,753.73		2,049.88		2,186.19		6.6
Biology	QH	339	2,053.06		2,160.88		2,288.26		2,405.68		2,535.65		5.4
Botany	QK	47	1,361.09		1,419.23		1,491.68		1,583.36		1,667.34		5.3
Business and economics	HA-HJ	463	351.29		370.36		389.34		410.55		434.12		5.7
Chemistry	QD	119	3,396.26		3,605.69		3,808.31		4,024.45		4,244.38		5.5
Education	L	191	354.92		371.24		389.92		409.63		433.05		5.7
Engineering	T	497	1,244.39		1,323.70		1,405.36		1,486.54		1,584.81		6.6
Food science	TX	47	356.17		373.62		394.64		416.09		439.51		5.6
General science	Q	83	998.51		1,051.67		1,109.61		1,153.60		1,218.88		5.7
General works	A	133	85.84		87.93		90.73		95.41		99.14		3.9
Geography	G-GF	83	670.60		644.52		684.72		783.49		836.61		6.8
Geology	QE	67	1,368.79		1,424.96		1,514.90		1,603.07		1,699.34		6.0
Health sciences	R	755	1,009.55		1,068.74		1,147.17		1,224.65		1,309.43		6.9
History	C,D,E,F	284	202.39		210.80		221.80		231.75		245.88		6.1
Language and literature	P	265	168.12		176.34		185.63		194.56		205.49		5.6
Law	K	220	214.01		220.92		231.72		239.11		251.93		5.4
Library science	Z	96	290.02		303.75		321.24		336.34		355.38		5.7
Math and computer science	QA	285	1,242.13		1,300.45		1,367.86		1,406.66		1,480.16		5.2
Military and naval science	U,V	30	239.90		272.80		285.07		301.03		288.80		-4.1
Music	M	38	82.18		86.03		89.24		92.24		95.74		3.8
Philosophy and religion	B-BD, BH-BX	196	232.37		240.32		253.08		266.63		281.45		5.6
Physics	QC	136	2,845.54		2,794.21		2,944.32		3,282.05		3,499.54		6.6
Political science	J	82	312.76		324.99		340.45		362.82		382.91		5.5
Psychology	BF	89	648.21		683.75		726.61		767.19		828.57		8.0
Recreation	GV	86	69.79		72.50		81.14		84.44		90.20		6.8
Social sciences	H	35	351.40		369.57		388.63		410.60		435.17		6.0
Sociology	HM-HX	194	482.59		508.78		538.51		567.96		608.13		7.1
Technology	TA-TT	122	535.73		564.70		592.24		624.46		679.00		8.7
Zoology	QL	112	1,454.26		1,527.59		1,613.42		1,675.90		1,762.83		5.2
Total		5,505	\$843.46		\$882.38		\$934.48		\$991.39		\$1,051.73		6.1%

Compiled by Stephen Bosch, University of Arizona, based on subscription information supplied by Ebsco Information Services.

(continued from page 425)

the previous index that remained viable and added new titles in that list based on data from EBSCO on the most frequently ordered serials in their system. This should allow the current index to be sustainable into the future.

Direct comparisons between Table 1 and Table 8 should also be avoided, especially at the subject level. Both tables show the overall rate of increase in serial prices to be 6 percent; however, beyond that point there is little that can reasonably be compared. Table 8 has higher overall average prices in most areas, and this is due to the survey's largest set of data coming from the ISI Citation Indexes, which include higher impact—and consequently more expensive—journals. Table 1 attempts to reflect the journal collections in an average library, so the mix of journals contains more trade and popular journals than would be found in the ISI indexes. These journals tend to be cheaper, with lower average prices. Differences in data sets will yield different results.

The most important trend seen in this data (Table 1) is that increases in prices have remained fairly constant since the economic recovery began in 2010. Price increases have hovered around 6 percent annually since that time. An interesting trend is that science does not dominate the list of subjects with the largest price increases. The subject areas that displayed the largest increases were quite varied: technology, psychology, sociology, health sciences, recreation, and geography. Average prices for journals in the science and technology areas are far higher than in other areas, and that trend continues, with the average cost of chemistry journals being \$4,244 and of physics journals being \$3,499. Although these STM titles' prices are not increasing at high percentages, the impact of a 5.0 percent increase in a \$4,000 title is much higher than that of a 9 percent increase on a \$300 title.

In this price index, like similar price indexes, the data are less accurate at describing price changes the smaller the sample becomes. For that reason, drawing conclusions about price changes in subject areas with a limited number of titles will be less accurate than for large areas or the broader price survey. Price changes are far more volatile where smaller data sets are used. For example, military and naval science (about 30 titles) showed average price changes of \$285 (2012), \$301 (2013), and \$288 (2014). If a specific inflation figure only for military and naval science is needed, it would be better to look at an average over the period (5.1 percent) or the overall number for the price study (6.1 percent) than to use the actual numbers year-by-year. The variation in pricing is too volatile in smaller sample sizes to be comparable on a year-to-year basis.

More extensive reports from the periodical price index have been published annually in the April 15 issue of *Library Journal* through 1992, in the May issue of *American Libraries* from 1993 to 2002, and in the October 2003 issue of *Library Resources and Technical Services*.

The Legal Serials Services Index (Table 2) has been compiled by Ajaye Bloomstone using data collected from a number of different legal serials vendors. The base year for this index is 2009. This index presents price data covering the years 2009 through 2014.

Vendors were asked again to provide cost data on particular titles with the assumption that the title/set has been held by a large academic research law library, and the cost recorded in the index is that for the upkeep of the title in question, *not* the cost incurred in purchasing a new set. It should be noted that although legal

serials in print format continue to be produced, titles seem to be migrating, albeit slowly, to an electronic-only format. This year, for the first time while gathering information, prices were provided for several titles with the caveat “no longer available for new sales.” This statement would lead one to believe that the publication is being phased out. Either it will soon no longer be available as a print product, or the title will cease publication entirely.

**Table 2 / Legal Serials Services:
Average Prices and Price Indexes, 2009–2014**
Index Base: 2009 = 100

Year	Number of Titles	Average Price	Percent Change	Index
2009	217	\$1,658.20	n.a.	100.0
2010	217	1,716.30	3.5%	103.5
2011	217	1,905.20	11.0	114.9
2012	217	2,020.83	6.1	124.1
2013	217	2,233.00	10.5	134.7
2014	217	2,486.04	11.3	149.9

Book Prices

Tables 3 (hardcover books), 6 (mass market paperbacks), 7 (other—trade—paperbacks), 7A (audiobooks), and 7B (e-books), prepared by Catherine Barr, are derived from data provided by book wholesaler Baker & Taylor. Figures for 2012 are revised to reflect late updates to the Baker & Taylor database (publishers were still adding 2012 titles in early 2013); the 2013 figures given here may be similarly revised in next year's tables and should be considered preliminary. These five tables use the Book Industry Study Group's BISAC categories; for more information on the BISAC categories, visit <http://www.bisg.org>.

Average book prices were mixed in 2012 and in preliminary results for 2013. List prices for hardcovers overall (Table 3) rose 4.79 percent in 2012. Mass market paperback prices (Table 6) gained a mere 0.57 percent, while trade paperbacks (Table 7) jumped more than 22 percent but seemed set to reverse track in 2013. Audiobook prices (Table 7A) had been falling since 2009, with declines of 4.39 percent in 2011 and 10.76 percent in 2012, but showed a strong increase in preliminary figures for 2013. After several years of decreases, e-book pricing (Table 7B) showed promise of a steep hike in 2013.

The North American Academic Books Price Indexes (Tables 4, 4A, and 4B) are prepared by Stephen Bosch. The current version of North American Academic Books: Average Prices and Price Indexes 2010–2012 (Table 4) should not be compared with the versions published in 2009 or previous years. The North American Academic Books Price Index (NAABPI) now contains many more titles in the source data, which has affected the index considerably. This is mainly due to the fact that Coutts has treated far more titles in their approval programs than Blackwell Book Services. Blackwell was purchased in 2011 by YBP and the vendor data used to create the index changed at that time. The year-to-year comparisons from 2007 on are now based on this new data model, and the changes in price and num-

(text continues on page 435)

Table 3 / Hardcover Books: Average Prices and Price Indexes, 2010–2013
Index Base: 2005 = 100

BISAC Category	2005			2010 Final			2011 Final			2012 Final			2013 Preliminary		
	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index
Antiques and collectibles	\$71.07	179	\$51.44	72.4	150	\$53.07	74.7	121	\$70.40	99.1	133	\$69.53	97.8		
Architecture	66.99	742	85.52	127.7	743	77.19	115.2	743	80.24	119.8	852	88.93	132.8		
Art	62.33	1,687	71.53	114.8	1,686	71.06	114.0	1,771	73.22	117.5	1,979	71.62	114.9		
Bibles	48.05	185	37.50	78.0	221	46.28	96.3	201	37.46	78.0	198	36.97	76.9		
Biography and autobiography	46.20	1,658	53.41	115.6	1,711	49.00	106.1	1,667	49.37	106.9	1,917	43.70	94.6		
Body, mind and spirit	26.76	177	36.91	137.9	155	30.18	112.8	129	37.49	140.1	246	31.83	119.0		
Business and economics	120.56	3,977	134.61	111.7	4,105	136.53	113.2	4,069	135.76	112.6	4,407	146.26	121.3		
Children	23.14	11,675	24.63	106.4	11,704	26.80	115.8	11,800	22.58	97.6	11,889	23.87	103.2		
Comics and graphic novels	32.75	679	31.51	96.2	801	34.64	105.8	735	37.72	115.2	631	37.42	114.3		
Computers	113.07	834	138.53	122.5	884	138.05	122.1	976	164.38	145.4	889	136.43	120.7		
Cooking	28.68	1,016	30.91	107.8	972	30.82	107.5	1,123	28.87	100.7	1,197	28.78	100.4		
Crafts and hobbies	28.82	217	33.28	115.5	218	30.44	105.6	209	31.12	108.0	191	29.28	101.6		
Design	59.41	435	76.59	128.9	441	68.63	115.5	500	64.49	108.6	405	63.10	106.2		
Drama	60.81	133	42.91	70.6	138	40.77	67.0	71	75.42	124.0	88	70.25	115.5		
Education	95.10	1,345	117.59	123.6	1,569	130.14	136.8	1,543	140.05	147.3	1,734	115.08	121.0		
Family and relationships	25.37	277	32.24	127.1	229	33.72	132.9	207	44.05	173.6	269	37.71	148.6		
Fiction	28.37	4,464	32.20	113.5	4,491	29.51	104.0	4,305	30.12	106.2	5,144	30.18	106.4		
Foreign language study	116.89	123	132.47	113.3	158	136.08	116.4	217	112.34	96.1	261	111.81	95.7		
Games	32.07	163	52.07	162.4	112	34.75	108.4	122	35.83	111.7	111	40.62	126.7		
Gardening	38.20	118	36.42	95.3	118	40.00	104.7	133	39.93	104.5	109	40.29	105.5		
Health and fitness	54.05	309	48.51	89.8	321	60.01	111.0	314	73.09	135.2	367	63.73	117.9		
History	88.17	4,927	82.65	93.7	4,543	82.80	93.9	4,886	84.16	95.5	5,051	85.15	96.6		
House and home	31.51	90	44.61	141.6	90	38.30	121.5	87	43.66	138.6	104	36.42	115.6		
Humor	19.00	221	21.94	115.5	199	19.33	101.7	242	19.55	102.9	234	19.58	103.1		
Language arts and disciplines	120.71	1,613	117.67	97.5	1,587	115.71	95.9	1,159	130.88	108.4	1,287	138.85	115.0		
Law	155.28	1,714	174.48	112.4	1,756	179.16	115.4	1,838	175.59	113.1	1,951	174.43	112.3		
Literary collections	74.92	325	83.49	111.4	357	88.34	117.9	255	94.83	126.6	278	90.50	120.8		
Literary criticism	123.84	1,955	117.63	95.0	1,964	120.90	97.6	1,922	121.51	98.1	1,998	118.42	95.6		
Mathematics	144.88	1,028	133.23	92.0	1,030	135.56	93.6	974	147.01	101.5	912	129.64	89.5		
Medical	156.54	3,153	171.13	109.3	2,976	165.38	105.6	3,497	177.94	113.7	3,412	180.42	115.3		
Music	77.63	502	87.84	113.2	488	91.25	117.5	514	85.74	110.5	539	87.88	113.2		
Nature	67.75	377	74.89	110.5	400	73.56	108.6	370	88.55	130.7	466	81.25	119.9		
Performing arts	71.74	531	76.27	106.3	534	82.49	115.0	562	88.63	123.5	606	93.03	129.7		
Pets	25.45	138	24.66	96.9	122	21.16	83.1	89	23.83	93.6	107	25.50	100.2		
Philosophy	127.22	1,044	108.93	85.6	1,004	96.68	76.0	1,173	101.89	80.1	1,280	103.83	81.6		
Photography	56.77	800	107.99	190.2	822	60.45	106.5	850	73.07	128.7	801	87.26	153.7		
Poetry	36.58	294	40.76	111.4	318	35.16	96.1	233	45.50	124.4	416	34.06	93.1		
Political science	103.39	2,671	110.32	106.7	2,578	110.27	106.7	2,634	109.92	106.3	2,678	110.28	106.7		
Psychology	93.85	1,138	109.85	117.0	1,082	119.76	127.6	1,088	136.67	145.6	1,192	127.29	135.6		
Reference	202.23	541	302.69	149.7	599	351.48	173.8	490	459.57	227.3	412	365.38	180.7		
Religion	62.29	2,590	80.88	129.8	2,370	73.53	118.0	2,581	83.39	133.9	2,699	77.59	124.6		
Science	203.44	3,557	192.20	94.5	3,459	194.96	95.8	3,308	207.25	101.9	3,361	208.63	102.6		
Self-help	22.43	257	27.11	120.9	219	23.92	106.6	225	24.03	107.1	368	28.14	125.5		
Social science	96.17	3,027	100.47	104.5	3,069	105.66	109.9	3,095	113.64	118.2	3,375	114.20	118.8		
Sports and recreation	38.77	652	41.23	106.3	645	44.69	115.3	657	51.07	131.7	679	47.92	123.6		
Study aids	105.28	17	101.54	96.4	20	96.26	91.4	13	113.80	108.1	15	113.49	107.8		
Technology and engineering	187.80	2,455	164.66	87.7	2,633	167.64	89.3	2,600	170.30	90.7	2,596	167.97	89.4		
Transportation	68.68	292	84.28	122.7	326	61.92	90.2	221	67.07	97.7	303	73.17	106.5		
Travel	37.11	367	41.32	111.3	340	42.35	114.1	205	49.52	133.4	203	58.25	157.0		
True crime	29.28	67	34.83	119.0	73	31.48	107.5	70	31.50	107.6	87	28.52	97.4		
Young adult	50.17	2,653	35.99	71.7	2,602	37.47	74.7	2,189	35.10	70.0	1,926	29.76	59.3		
Totals	\$80.36	69,389	\$89.54	111.4	69,132	\$90.32	112.4	68,983	\$94.65	117.8	72,353	\$92.32	114.9		

Compiled by Catherine Barr from data supplied by Baker & Taylor.

Table 4 / North American Academic Books: Average Prices and Price Indexes 2010–2012

Index Base: 1989 = 100

Subject Area	LC Class	1989			2010			2011			2012		
		No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	% Change 2011–2012	Index
Agriculture	S	897	\$45.13	1,139	\$107.44	1,321	\$100.51	1,402	\$106.66	1,402	\$106.66	6.1%	236.3
Anthropology	GN	406	32.81	609	91.96	558	101.56	563	105.27	563	105.27	3.7	320.9
Botany	QK	251	69.02	260	125.84	283	139.62	356	161.26	356	161.26	15.5	233.6
Business and economics	H	5,979	41.67	10,916	97.31	11,237	103.11	11,058	115.17	11,058	115.17	11.7	276.4
Chemistry	QD	5,777	110.61	6,667	223.03	6,866	214.45	7,877	259.27	7,877	259.27	20.9	234.4
Education	L	1,685	29.61	4,688	86.47	4,728	88.90	4,768	95.15	4,768	95.15	7.0	321.4
Engineering and technology	T	4,569	64.94	6,913	133.45	8,089	135.40	8,769	147.53	8,769	147.53	9.0	227.2
Fine and applied arts	M-N	3,040	40.72	5,535	57.17	7,866	63.68	7,098	65.76	7,098	65.76	3.3	161.5
General works	A	333	134.65	80	75.60	115	76.52	162	97.19	162	97.19	27.0	72.2
Geography	G	396	47.34	1,144	104.98	1,219	108.35	1,241	131.13	1,241	131.13	21.0	277.0
Geology	QE	303	63.49	276	114.34	298	115.36	321	138.07	321	138.07	19.7	217.5
History	C-D-E-F	5,549	31.34	10,079	65.29	10,729	74.99	9,857	73.31	9,857	73.31	-2.2	233.9
Home economics	TX	535	27.10	812	44.35	878	48.94	1,043	51.81	1,043	51.81	5.9	191.2
Industrial arts	TT	175	23.89	265	52.60	322	44.03	430	45.58	430	45.58	3.5	190.8
Law	K	1,252	51.10	4,596	125.35	6,277	126.55	6,139	136.38	6,139	136.38	7.8	266.9
Library and information science	Z	857	44.51	636	90.18	867	88.74	812	106.91	812	106.91	20.5	240.2
Literature and language	P	10,812	24.99	19,364	57.31	21,247	60.21	21,813	61.12	21,813	61.12	1.5	244.6
Mathematics and computer science	QA	2,707	44.68	3,965	103.85	4,295	106.72	4,820	122.99	4,820	122.99	15.2	275.3
Medicine	R	5,028	58.38	8,679	112.66	9,613	114.54	9,249	130.09	9,249	130.09	13.6	222.8
Military and naval science	U-V	715	33.57	773	79.99	812	71.69	891	83.37	891	83.37	16.3	248.3
Philosophy and religion	B	3,518	29.06	7,386	81.75	8,706	88.74	8,314	84.73	8,314	84.73	-4.5	291.6
Physical education and recreation	GV	814	20.38	1,788	56.03	1,914	67.58	2,102	64.92	2,102	64.92	-3.9	318.6
Physics and astronomy	QB	1,219	64.59	1,627	128.36	1,669	134.88	1,811	145.95	1,811	145.95	8.2	226.0
Political science	J	1,650	36.76	3,549	99.70	3,863	105.19	3,905	110.71	3,905	110.71	5.2	301.2
Psychology	BF	890	31.97	1,730	76.65	1,889	85.09	1,990	99.96	1,990	99.96	17.5	312.7
Science (General)	Q	433	56.10	631	108.40	611	115.87	717	139.25	717	139.25	20.2	248.2
Sociology	HM	2,742	29.36	6,666	88.75	7,273	89.96	7,044	98.63	7,044	98.63	9.6	335.9
Zoology	QH,L,P,R	1,967	71.28	3,029	140.26	3,117	147.90	3,375	157.49	3,375	157.49	6.5	220.9
Average for all subjects		59,299	\$41.69	107,802	\$89.15	120,482	\$93.26	120,837	\$100.69	120,837	\$100.69	8.0%	241.5

Compiled by Stephen Bosch, University of Arizona, from electronic data provided by Ingrams Content Group (Coutts Information Services) and YBP Library Services. The data represents all titles (includes hardcover, trade, and paperback books, as well as annuals) treated for all approval plan customers serviced by the vendors. This table covers titles published or distributed in the United States and Canada during the calendar years listed.

This index does include paperback editions. The inclusion of these items does impact pricing in the index.

Table 4A / North American Academic E-Books: Average Prices and Price Indexes 2010–2012

Index Base: 2007 = 100

Subject Area	LC Class	2007			2010			2011			2012		
		No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	% Change 2011–2012	Index
Agriculture	S	894	\$128.59	697	\$168.73	793	\$125.68	748	\$150.01	748	\$150.01	19.4%	116.7
Anthropology	GN	385	105.28	385	109.96	357	109.99	367	130.70	367	130.70	18.8	124.1
Botany	QK	287	168.18	190	175.23	169	169.98	224	176.14	224	176.14	3.6	104.7
Business and economics	H	9,807	97.25	8,481	102.87	8,796	106.45	7,369	136.31	7,369	136.31	28.1	140.2
Chemistry	QD	934	213.76	521	232.57	675	258.38	595	280.25	595	280.25	8.5	131.1
Education	L	2,565	107.62	2,852	99.96	2,707	108.27	2,848	126.02	2,848	126.02	16.4	171.1
Engineering and technology	T	7,176	133.60	4,976	152.33	5,662	144.34	5,365	193.12	5,365	193.12	33.8	144.5
Fine and applied arts	M-N	1,141	84.30	1,493	83.35	1,802	84.88	1,898	114.59	1,898	114.59	35.0	135.9
General works	A	60	107.85	53	89.13	43	115.99	83	121.94	83	121.94	5.1	113.1
Geography	G	888	132.67	829	117.83	833	119.81	752	147.60	752	147.60	23.2	111.3
Geology	QE	201	136.49	178	146.85	196	129.39	209	181.01	209	181.01	39.9	132.6
History	C-D-E-F	4,452	93.55	5,189	89.42	6,288	91.40	5,352	111.36	5,352	111.36	21.8	119.0
Home economics	TX	255	104.31	211	78.08	245	72.80	384	125.74	384	125.74	72.7	120.5
Industrial arts	TT	20	52.73	23	46.11	157	150.98	72	70.54	72	70.54	-53.3	133.8
Law	K	1,743	99.61	2,433	147.66	2,591	153.51	3,034	174.94	3,034	174.94	14.0	175.6
Library and information science	Z	308	74.70	387	89.43	525	91.94	413	123.84	413	123.84	34.7	165.8
Literature and language	P	5,517	90.59	7,664	103.12	8,582	100.63	9,027	111.29	9,027	111.29	10.6	122.9
Mathematics and computer science	QA	4,285	102.93	3,000	112.65	3,357	121.44	2,759	149.91	2,759	149.91	23.4	145.6
Medicine	R	7,420	123.59	6,404	134.60	7,184	127.12	5,957	170.07	5,957	170.07	33.8	137.6
Military and naval science	U-V	684	82.89	487	105.07	645	71.69	503	110.54	503	110.54	54.2	133.4
Philosophy and religion	B	3,612	93.77	4,262	110.31	5,648	115.85	4,609	137.82	4,609	137.82	19.0	147.0
Physical education and recreation	GV	610	96.00	791	76.57	1,114	79.19	1,059	101.69	1,059	101.69	28.4	105.9
Physics and astronomy	QB	1,965	142.11	1,288	147.50	1,350	136.13	1,372	179.48	1,372	179.48	31.8	126.3
Political science	J	2,447	102.72	2,638	110.10	2,695	114.27	2,823	130.94	2,823	130.94	14.6	127.5
Psychology	BF	1,113	83.51	1,062	91.35	1,290	92.65	1,214	132.04	1,214	132.04	42.5	158.1
Science (General)	Q	468	117.19	462	122.51	528	119.86	427	144.13	427	144.13	20.2	123.0
Sociology	HM	4,139	98.02	4,520	103.73	4,883	100.82	4,400	131.34	4,400	131.34	30.3	134.0
Zoology	QH,L,P,R	3394	154.01	2,336	164.82	2,442	170.60	2,190	180.24	2,190	180.24	5.7	117.0
Average for all subjects		66,767	\$110.82	63,812	\$116.25	71,557	\$115.86	66,053	\$142.52	66,053	\$142.52	23.0%	128.6

Compiled by Stephen Bosch, University of Arizona, from electronic data provided by Ingrams Content Group (formerly Coutts Information Services) and YBP Library Services. The data represents all e-book titles treated for all approval plan customers serviced by the vendors. This table covers titles published or distributed in the United States and Canada during the calendar years listed. It is important to note that e-books that were released in a given year may have been published in print much earlier.

Table 4B / North American Academic Text Books: Average Prices and Price Indexes 2010–2012

Index Base: 2007 = 100

Subject Area	LC Class	2007			2010			2011			2012		
		No. of Titles	Average Price	% Change 2007-2010	No. of Titles	Average Price	% Change 2010-2011	No. of Titles	Average Price	% Change 2011-2012	No. of Titles	Average Price	% Change 2011-2012
Agriculture	S	68	\$134.75		49	\$115.80		120	\$118.80		100	\$140.37	18.2%
Anthropology	GN	40	89.15		35	90.65		59	88.71		75	108.16	21.9
Botany	QK	4	98.00		11	109.52		17	114.79		14	185.04	61.2
Business and economics	H	666	110.18		694	121.36		1,556	113.53		1,378	140.60	23.8
Chemistry	QD	80	138.70		94	134.59		169	154.21		155	186.00	20.6
Education	L	235	79.58		271	87.75		667	82.90		589	103.20	24.5
Engineering and technology	T	668	106.13		744	116.38		1,736	120.21		1,128	133.28	10.9
Fine and applied arts	M-N	82	73.69		73	93.33		173	86.78		179	111.44	28.4
General works	A	1	48.00		0	0.00		4	80.88		8	116.81	44.4
Geography	G	59	100.42		78	105.21		190	110.18		150	127.39	15.6
Geology	QE	26	118.28		36	117.97		56	117.57		46	137.67	17.1
History	C-D-E-F	72	78.41		81	81.49		205	78.84		207	97.25	23.3
Home economics	TX	54	68.23		39	89.52		46	87.78		71	106.75	21.6
Industrial arts	TT	13	73.90		14	84.72		23	821.82		27	88.60	-89.2
Law	K	163	87.67		242	102.09		513	105.89		543	116.61	10.1
Library and information science	Z	24	65.54		19	70.30		49	76.14		42	75.03	-1.5
Literature and language	P	269	71.35		309	77.71		864	78.90		787	93.32	18.3
Mathematics and computer science	QA	732	91.42		683	96.11		1,544	112.26		1,072	124.39	10.8
Medicine	R	1,210	126.37		1,512	126.75		3,357	130.46		2,046	138.27	6.0
Military and naval science	U-V	10	104.58		3	122.65		24	98.38		29	129.40	31.5
Philosophy and religion	B	85	55.51		101	72.13		216	65.42		232	73.94	13.0
Physical education and recreation	GV	47	72.14		51	79.39		118	87.56		110	108.93	24.4
Physics and astronomy	QB	237	107.05		243	107.38		597	116.51		323	130.77	12.2
Political science	J	104	74.21		110	80.09		277	84.69		265	105.94	25.1
Psychology	BF	120	100.17		138	95.95		327	95.86		287	128.83	34.4
Science (General)	Q	24	111.30		33	97.14		64	87.63		65	102.40	16.8
Sociology	HM	330	84.88		353	86.97		844	88.31		815	103.14	16.8
Zoology	QH,L,P,R	250	116.73		227	109.82		511	120.33		431	136.35	13.3
Average for all subjects		5,673	\$102.52		6,243	\$107.94		14,266	\$111.69		11,174	\$123.56	10.6%

Compiled by Stephen Bosch, University of Arizona, from electronic data provided by YBP Library Services and Ingrams Content Group. The data represents all textbook titles treated for all approval plan customers serviced by the vendors. This table covers titles published or distributed in the United States and Canada during the calendar years listed. This index does include paperback editions. The inclusion of these items does impact pricing in the index.

(continued from page 429)

ber of titles are not as dramatic as when looking at comparable data in the indexes that were published prior to 2009.

The overall average price for books in the North American Academic Books Price Index (NAABPI) for 2012 increased at a much higher rate (8 percent) when compared with 2011 (4.6 percent). The average price increased to \$100.69 from \$93.26. The number of titles was relatively unchanged, so increasing prices will pressure library budgets. The increase this year was primarily due to rising costs for e-books, as the e-book-only index showed a very large increase (23 percent). E-books make up about 16 percent of the base table.

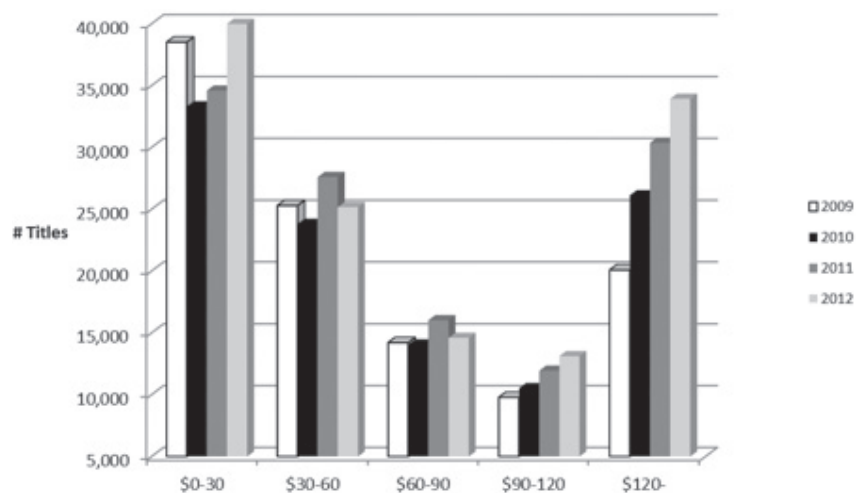
Since 2008 two additional indexes have been available, one for e-books only (Table 4A) and another for textbooks (Table 4B). Both of these indexes are of high interest to users and, based on that input, the indexes will continue to be published with the base index year set to 2007. In the academic market, it has always been assumed that e-books are more expensive than their print counterparts. Users might be surprised to find that the cheaper versions of e-books, available to consumers through such channels as Amazon and the Apple Store, are not available to libraries at similar prices, if they are available at all. The new index clearly points out the difference in price: the average price of an e-book in 2012 was \$142.52 while the average price for all books was \$100.69. The average price of a print book drops to \$79.01. The price for e-books is not that surprising as most pricing models for academic e-books generally charge a large percentage of list print price for multiuser access to e-books. In many situations even single-user academic e-book titles are more expensive than their print counterparts. Responding to customer demands, vendors offer e-books on multiple platforms with multiple pricing models; consequently there can be multiple prices for the same title. Only the first instance of a unique ISBN is included in the data, so if the same book was treated by a vendor from one e-book aggregator and then treated again from another aggregator, only the first instance of the e-book is in the index. Where multiple prices are available for different use models, the lowest price is provided. Because electronic access is where the market is going it is appropriate to have e-books as a separate index. It is also important to note that the e-book market is rapidly changing. The availability of additional pricing models could be a factor in the upward shift in e-book prices.

The cost of textbooks has been a hot topic on many college campuses. The index for textbooks documents price changes in this area. Indications are that textbooks tend to be much more expensive than other types of books, with an average price of \$123.56 in 2012. There was a large increase in the average price (10.6 percent) in 2012 and unfortunately this is not good news for students, who are essentially hostages of the textbook market. Textbooks are expensive and the prices are on the rise. “E” versions are included in the textbook index, so a migration to “e” format does not seem to be lowering costs. This is not much consolation for cash-strapped students.

The average price of North American academic books in 2012 (Table 4) increased by 8.0 percent as compared with the 2011 average price. This is mainly due to a large increase in the number of titles treated in the higher part of the price bands (\$120 and up) as well as a large increase in the top price band. Nearly all

price bands showed only modest growth, or no growth, in the number of titles between 2009 and 2012 except for the price band above \$120, which showed very large increases. This led to a large increase in the average price for all books. The increase in the upper price bands was primarily due to increases in e-books; their prices average well above the \$120 threshold. Take e-books out of the sample and the upper price bands shrink considerably. See Figure 1.

Figure 1 / Comparison of Titles in Sample Grouped by Price



One thing that really stands out when looking at the data by price band is that the highest end of the price bands (\$120.00 and up) has seen huge growth in the past four years, close to doubling in overall costs from \$4.5 million (2009) to \$8.5 million (2012). The impact on pricing from the titles in the \$120-and-up price band is confirmed if you look at the actual dollar values in groups (sum of all prices for titles in the group). It is clear that the increase in the top end of the index was the main component in the overall increase in the index for 2012. Although the \$0-\$30 price area has the largest number of titles, dollar-wise it remains the smallest portion as far as total cost (sum of all prices) goes in the index. The increase in the prices in the upper end of the index was what added to the overall level of increase. Since 2007 the cost (titles X prices) for books pricing above \$120 has increased by 216 percent, while the overall costs for all books increased 117 percent. The increases in the costs of books in the upper price band represents 80 percent of the entire increase over the period covered. Again, e-books are the significant driver in that increase as within the price bands the average price remains fairly constant except for the area with prices over \$120, which showed a 21 percent increase over the past four years. See Figures 2 and 3.

The data used for this index are derived from all titles treated by the Ingram Content Group (formerly Coutts Information Services) and YBP Library Services in their approval plans during the calendar years listed. The index includes e-books as well as paperback editions as supplied by these vendors, and this inclu-

Figure 2 / Comparison of Total Costs in Sample Grouped by Price

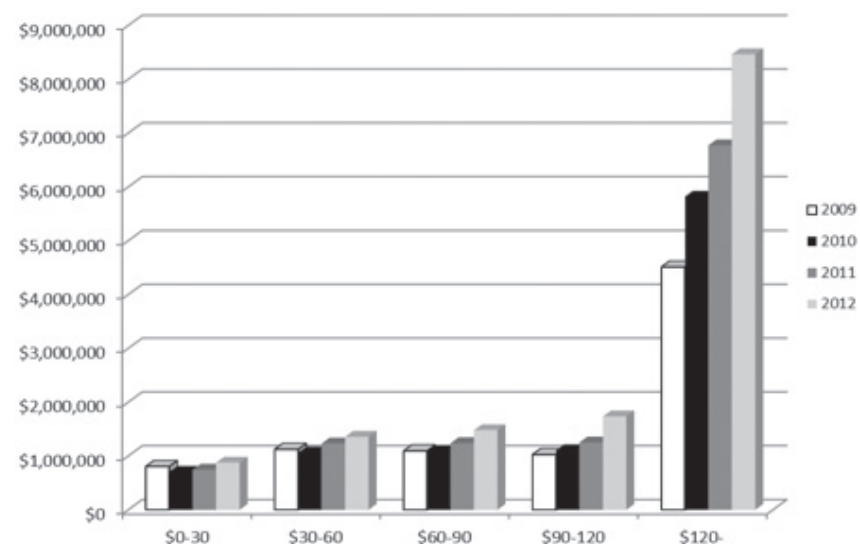
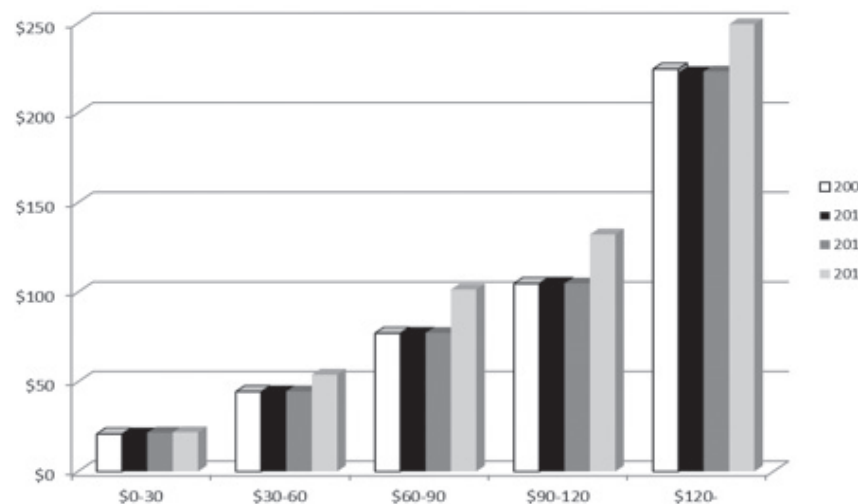


Figure 3 / Comparison of Average Price Grouped by Price Band



sion of paperbacks and e-books as distributed as part of the approval plans has clearly influenced the prices reflected in the index figures. The index is inclusive of the broadest categories of materials as that is the marketplace in which academic libraries operate, and the index attempts to chart price changes that impact that market.

E-books are also now being treated in a separate index (Table 4A), so the differences in the indexes will be interesting to observe. Currently the vast majority of titles are not published in both print and “e” version, so the number of titles in the e-book index should remain much smaller than the broader index. It is safe to say that in the future the number of titles in the broader index could decline and at the same time the number of e-books should rise, especially as we see more publishers move to publishing electronic versions of their books. Many e-book pricing models add extra charges of as much as 50 percent to 100 percent to the retail price for a multi-user license. This pricing model is reflected in the higher prices for e-books. The overall price for e-books did show a decline from 2007 to 2009, but in 2010 to 2012 the prices shot up again. The year 2012 saw the largest price increase (23 percent) since the inception of the index and the overall trend does seem to be going up. The index does clearly show that for the library market, e-books are much more expensive than print. Many publishers and e-book aggregators are still adding “e” versions of print books from backlists, and these are showing up in the index; this is also the basis for the wide swings in numbers of titles in the index from year to year.

The price index for textbooks (Table 4B) shows a 10.6 percent increase for overall prices between 2011 and 2012. This increase is larger than the increase seen for the broader print index, but the overall prices are higher. These are indicators that the angst experienced by students as they purchase their texts is well justified as prices appear to be much higher than for regular academic books.

Price changes vary, as always, among subject areas. This year there were many double-digit increases in subject areas, and a few areas showed price decreases. This is a normal occurrence. What is not normal is the fact that more than a third of the subject areas showed double-digit price increases. The 2012 data indicate that those areas with the largest increases were nearly exclusively in the social sciences and sciences, with the humanities noticeably absent. This is probably caused by increases in e-book publishing in these subject areas. STM and social science publishers have tended to be early adopters of e-books and have been publishing e-books for a while. The large price increases in science and the social sciences reflect the availability and higher pricing of e-books in these areas.

It is good to remember that price indexes become less accurate at describing price changes the smaller the sample becomes. General works and botany are small samples and showed very large price changes, but to conclude that all books in those areas increased or decreased at like amounts is not correct. These areas have a small sample size (fewer than 1,000 titles) and the inclusion/exclusion of just a few large expensive items can have a major impact on prices for the category. The huge increases in general works, for example, were due to a few very expensive titles that showed up in the data. Because the sample is very small, these titles caused the overall price to jump dramatically.

The U.S. College Books Price Index (Table 5), prepared by Frederick C. Lynden, contains price and index number data for the years 2011 through 2013 (index base year of 1989), and also the percentage change in price between 2012 and 2013. Data for the index were compiled from 6,658 reviews of books published in *Choice* during 2013. Expensive titles (\$500 or more) were omitted from the analysis, thus the total number of titles reported is smaller than the total number

(text continues on page 454)

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Table 5 / U.S. College Books: Average Prices and Price Indexes 1989, 2011–2013
Index Base for all years: 1989=100

Subject	1989			2011			2012			2013					
	No. of Titles	Avg. Price per Title	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2010	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2011	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2012	Percent Change 2012-2013
GENERAL*	19	\$40.19	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
HUMANITIES	21	32.33	87	\$60.90	188.4	103.2	99	\$69.36	214.5	113.9	92	\$69.95	216.4	100.9	0.9%
Art and architecture	276	55.56	170	64.61	116.3	104.7	176	68.40	123.1	105.9	189	64.93	116.9	94.9	-5.1
<i>Fine arts**</i>	n.a.	n.a.	93	65.46	n.a.	97.5	117	67.49	n.a.	103.1	90	65.66	n.a.	97.3	-2.7
<i>Architecture**</i>	n.a.	n.a.	51	67.72	n.a.	110.1	58	75.15	n.a.	111.0	51	72.09	n.a.	95.9	-4.1
<i>Photography</i>	24	44.11	25	51.87	117.6	97.8	31	63.50	144.0	122.4	45	56.60	128.3	89.1	-10.9
Communication	42	32.70	111	73.51	224.8	122.6	85	68.36	209.1	93.0	95	71.68	219.2	104.9	4.9
Language and literature	110	35.17	124	70.09	199.3	102.1	122	73.30	208.4	104.6	118	70.83	201.4	96.6	-3.4
<i>Africa and Middle East**</i>	n.a.	n.a.	30	63.93	n.a.	102.7	21	66.77	n.a.	104.4	22	52.80	n.a.	79.1	-20.9
<i>Asia and Oceania**</i>	n.a.	n.a.	18	78.89	n.a.	109.6	20	61.66	n.a.	78.2	16	65.30	n.a.	105.9	5.9
<i>Classical</i>	75	43.07	34	92.32	214.3	117.2	27	94.71	219.9	102.6	32	87.87	204.0	92.8	-7.2
<i>English and American</i>	547	30.27	376	68.92	227.7	111.2	412	70.77	233.8	102.7	399	72.45	239.3	102.4	2.4
<i>Germanic</i>	38	32.18	26	67.99	211.3	96.6	29	71.17	221.2	104.7	29	73.44	228.2	103.2	3.2
<i>Romance</i>	97	30.30	70	68.69	226.7	116.4	67	69.54	229.5	101.2	63	77.37	255.3	111.3	11.3
<i>Slavic</i>	41	27.92	21	55.46	198.6	154.3	13	50.78	181.9	91.6	16	56.07	200.8	110.4	10.4
<i>Other</i>	63	25.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Performing Arts	20	29.41	26	46.03	156.5	74.3	27	62.56	212.7	135.9	17	59.85	203.5	95.7	-4.3
<i>Film</i>	82	33.00	138	64.97	196.9	101.3	148	66.69	202.1	102.6	152	77.23	234.0	115.8	15.8
<i>Music</i>	156	35.34	146	65.12	184.3	106.7	137	66.48	188.1	102.1	165	70.44	199.3	106.0	6.0
<i>Theater and dance</i>	58	34.18	49	70.28	205.6	112.7	37	68.87	201.5	98.0	53	67.24	196.7	97.6	-2.4
Philosophy	185	37.25	206	70.28	188.7	110.8	236	71.79	192.7	102.1	243	75.30	202.1	104.9	4.9
Religion	174	33.49	243	60.99	182.1	106.7	259	83.71	250.0	137.3	233	\$66.32	198.0	79.2	-20.8
TOTAL HUMANITIES	2,009	36.09	2,044	\$66.89	185.3	108.6	2,121	\$68.96	191.1	103.1	2,120	\$70.53	195.4	102.3	2.3

Table 5 / U.S. College Books: Average Prices and Price Indexes 1989, 2011–2013 (cont.)

Index Base for all years: 1989=100

Subject	1989			2011			2012			2013					
	No. of Titles	Avg. Price per Title	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2010	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2011	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2012	Indexed to 2013
SCIENCE AND TECHNOLOGY	99	46.90	93	57.99	123.6	99.8	104	57.10	121.7	98.5	95	\$68.77	146.6	120.4	20.4
History of science and technology	74	40.56	79	50.72	125.0	93.8	77	59.84	147.5	118.0	68	47.47	117.0	79.3	-20.7
Astronautics and astronomy	22	50.56	69	55.96	110.7	100.7	50	52.82	104.5	94.4	46	65.56	129.7	124.1	24.1
Biology	97	51.01	153	73.42	143.9	100.9	136	81.29	159.4	110.7	148	72.46	142.1	89.1	-10.9
Botany	29	63.91	75	70.92	111.0	83.4	75	90.52	141.6	127.6	70	82.34	128.8	91.0	-9.0
Zoology	53	49.21	114	61.00	124.0	94.8	95	68.49	139.2	112.3	114	73.03	148.4	106.6	6.6
Chemistry	21	70.76	48	96.06	135.8	83.2	46	90.74	128.2	94.5	26	107.12	151.4	118.1	18.1
Earth science	34	79.44	113	64.02	80.6	101.1	100	82.49	103.8	128.9	105	81.36	102.4	98.6	-1.4
Engineering	87	66.74	89	102.12	153.0	115.6	60	98.52	147.6	96.5	69	98.47	147.5	99.9	-0.1
Health sciences	94	34.91	154	57.98	166.1	103.3	155	60.78	174.1	104.8	146	59.12	169.3	97.3	-2.7
Information and computer science	70	40.35	96	70.03	173.6	95.3	73	69.63	172.6	99.4	82	59.15	146.6	84.9	-15.1
Mathematics	60	48.53	104	69.89	144.0	112.8	92	64.44	132.8	92.2	91	65.88	135.8	102.2	2.2
Physics	22	43.94	64	65.59	149.3	119.8	53	52.85	120.3	80.6	49	66.47	151.3	125.8	25.8
Sports and physical education	18	27.46	52	63.91	232.7	118.2	47	80.83	294.4	126.5	46	59.12	215.3	73.1	-26.9
TOTAL SCIENCE	780	49.54	1,303	\$67.65	136.6	100.8	1,163	\$71.29	143.9	105.4	1,155	\$70.27	141.8	98.6	-1.4
SOCIAL AND BEHAVIORAL SCIENCES	92	37.09	143	68.64	185.1	103.5	158	70.11	189.0	102.1	172	\$69.48	187.3	99.1	-0.9
Anthropology	96	39.94	134	68.46	171.4	107.6	126	68.60	171.8	100.2	127	82.06	205.5	119.6	19.6
Business management and labor	145	35.72	161	54.37	152.2	93.7	169	56.52	158.2	104.0	161	62.04	173.7	109.8	9.8
Economics	332	40.75	281	59.01	144.8	96.5	264	63.84	156.7	108.2	225	60.24	147.8	94.4	-5.6
Education	71	34.50	153	69.54	201.6	111.2	162	70.85	205.4	101.9	155	65.31	189.3	92.2	-7.8
History, geography, and area studies	59	42.10	109	71.73	170.4	123.3	125	66.85	158.8	93.2	142	76.21	181.0	114.0	14.0
Africa	44	34.85	46	65.28	187.3	94.5	44	67.96	195.0	104.1	36	71.76	205.9	105.6	5.6
Ancient history**	n.a.	n.a.	62	74.41	n.a.	128.5	66	80.73	n.a.	108.5	50	88.88	n.a.	110.1	10.1
Asia and Oceania	76	34.75	61	61.86	178.0	101.6	84	66.78	192.2	108.0	62	69.43	199.8	104.0	4.0
Central and Eastern Europe**	n.a.	n.a.	61	64.22	n.a.	96.5	74	54.03	n.a.	84.1	60	63.73	n.a.	118.0	18.0
Latin America and Caribbean	42	37.23	59	60.28	161.9	101.6	66	63.00	169.2	104.5	65	60.74	163.1	96.4	-3.6
Middle East and North Africa	30	36.32	51	60.69	167.1	92.6	38	72.37	199.3	119.2	42	60.23	165.8	83.2	-16.8
North America	349	30.56	445	47.43	155.2	104.2	416	49.91	163.3	105.2	384	63.47	207.7	127.2	27.2
United Kingdom**	n.a.	n.a.	68	80.32	n.a.	115.5	88	78.10	n.a.	97.2	89	78.40	n.a.	100.4	0.4
Western Europe	287	42.08	141	69.66	165.5	117.8	134	68.45	162.7	98.3	123	74.59	177.3	109.0	9.0
Political science	28	33.56	4	132.50	394.8	157.1	2	105.00	312.9	79.2	3	39.98	119.1	38.1	-61.9
Comparative politics	236	37.82	211	72.76	192.4	109.9	195	70.51	186.4	96.9	213	70.22	185.7	99.6	-0.4
International relations	207	35.74	167	72.47	202.8	110.4	170	67.30	188.3	92.9	183	70.52	197.3	104.8	4.8
Political theory	59	37.76	91	59.06	156.4	104.1	86	58.54	155.0	99.1	89	59.86	158.5	102.3	2.3
U.S. politics	212	29.37	213	55.86	190.2	105.3	246	56.52	192.4	101.2	211	54.32	185.0	96.1	-3.9
Psychology	179	36.36	115	64.12	176.3	105.8	114	73.84	203.1	115.2	137	81.60	224.4	110.5	10.5
Sociology	178	36.36	241	64.48	177.3	106.2	230	69.04	189.9	107.1	216	71.22	195.9	103.2	3.2
BEHAVIORAL SCIENCES	2,722	36.43	3,017	\$62.75	172.2	106.2	3,057	\$64.19	176.2	102.3	2,945	\$68.03	186.7	106.0	6.0
TOTAL GENERAL, HUMANITIES, SCIENCE AND SOCIAL SCIENCE	5,511	38.16	6,364	\$65.08	170.5	105.8	6,341	\$67.09	175.8	103.1	6,220	\$69.30	181.6	103.3	3.3
REFERENCE	636	61.02	31	\$91.40	149.8	149.4	37	\$93.04	152.5	101.8	28	\$117.48	192.5	126.3	26.3
Humanities**	n.a.	n.a.	109	126.39	n.a.	107.9	138	110.23	n.a.	87.2	116	103.51	n.a.	93.9	-6.1
Science and technology**	n.a.	n.a.	58	136.46	n.a.	102.5	43	151.19	n.a.	110.8	70	193.49	n.a.	128.0	28.0
Social and behavioral sciences**	n.a.	n.a.	216	144.23	n.a.	94.3	210	136.53	n.a.	94.7	185	153.64	n.a.	112.5	12.5
TOTAL REFERENCE	636	61.02	414	\$134.49	220.4	100.8	428	\$125.76	206.1	93.5	399	\$143.52	235.2	114.1	14.1
GRAND TOTAL	6,147	40.52	6,778	\$69.32	171.1	104.6	6,769	\$70.80	174.7	102.1	6,619	\$73.78	182.1	104.2	4.2%

Compiled by Frederick Lynden, Brown University.

* General category no longer appears after 1999. ** Began appearing as separate sections after 1989. n.a. = not available

Table 6 / U.S. Mass Market Paperback Books: Average Prices and Price Indexes, 2010–2013

Index Base: 2005 = 100

BISAC Category	2005			2010 Final			2011 Final			2012 Final			2013 Preliminary		
	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index
Antiques and collectibles	\$7.69	9	114.0	\$8.77	9	114.0	\$8.79	5	114.3	\$8.99	5	116.9	\$8.99	5	116.9
Architecture	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Art	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bibles	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Biography and autobiography	7.83	13	7.51	95.9	8	8.62	110.1	4	6.73	86.0	4	9.49	121.2	n.a.	n.a.
Body, mind and spirit	7.11	17	7.99	112.4	17	7.93	111.5	14	8.13	114.4	14	8.13	114.4	n.a.	n.a.
Business and economics	12.47	3	9.32	74.7	2	7.99	64.1	1	7.99	64.1	1	n.a.	n.a.	n.a.	n.a.
Children	5.29	257	6.22	117.6	253	6.56	124.0	242	6.47	122.3	221	6.55	123.8	n.a.	n.a.
Comics and graphic novels	8.47	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Computers	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cooking	7.50	n.a.	n.a.	n.a.	n.a.	7.99	106.5	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Crafts and hobbies	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Design	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Drama	6.32	3	6.30	99.7	1	8.95	141.6	2	4.95	78.3	2	n.a.	n.a.	n.a.	n.a.
Education	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Family and relationships	6.98	1	7.99	114.5	1	8.99	128.8	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Fiction	6.34	3,952	6.80	107.3	3,997	6.97	109.9	3,878	7.01	110.6	3,516	6.98	110.1	n.a.	n.a.
Foreign language study	n.a.	6	7.08	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Games	7.14	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	9.99
Gardening	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Health and fitness	7.43	14	7.92	106.6	11	8.17	110.0	16	8.24	110.9	8	8.24	110.9	n.a.	n.a.
History	7.90	1	9.95	125.9	7	8.56	108.4	3	8.66	109.6	3	9.99	126.5	n.a.	n.a.
House and home	5.99	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Humor	6.99	n.a.	n.a.	n.a.	1	3.50	50.1	1	n.a.	n.a.	1	8.00	114.5	n.a.	n.a.
Language arts and disciplines	6.99	2	13.25	189.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Law	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Literary collections	n.a.	1	5.95	n.a.	1	7.95	n.a.	2	5.95	n.a.	2	n.a.	n.a.	n.a.	n.a.
Literary criticism	7.95	1	7.99	100.5	1	9.99	125.7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Mathematics	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Medical	7.83	1	8.99	114.8	n.a.	n.a.	n.a.	1	8.99	114.8	n.a.	n.a.	n.a.	n.a.	n.a.
Music	7.95	n.a.	n.a.	n.a.	1	7.95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nature	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	7.99	n.a.	1	7.99	n.a.	n.a.	n.a.
Performing arts	8.23	1	9.99	121.4	2	8.99	109.2	1	9.99	121.4	1	10.99	133.5	n.a.	n.a.
Pets	n.a.	1	7.99	n.a.	1	7.99	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	7.99
Philosophy	7.49	2	6.47	86.4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Photography	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Poetry	5.75	1	7.95	138.3	1	7.95	138.3	2	7.45	129.6	3	6.62	115.1	n.a.	n.a.
Political science	n.a.	2	7.97	n.a.	1	5.95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Psychology	7.97	n.a.	n.a.	n.a.	1	7.99	100.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Reference	6.85	1	7.99	116.6	2	7.99	116.6	3	8.31	121.3	3	6.49	94.7	n.a.	n.a.
Religion	9.96	2	7.99	80.2	3	7.99	80.2	2	7.49	75.2	n.a.	n.a.	n.a.	n.a.	n.a.
Science	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Self-help	12.45	1	7.99	64.2	1	7.99	64.2	1	7.99	64.2	1	7.99	64.2	n.a.	n.a.
Social science	7.08	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	9.99	141.1	n.a.	n.a.	n.a.	n.a.	n.a.
Sports and recreation	7.62	1	7.99	104.9	1	7.99	104.9	1	7.99	104.9	n.a.	n.a.	n.a.	n.a.	n.a.
Study aids	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Technology and engineering	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Transportation	12.95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Travel	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
True crime	7.19	54	7.64	106.3	44	7.83	108.9	38	8.31	115.6	26	8.49	118.1	n.a.	n.a.
Young adult	6.46	83	8.13	125.9	47	8.48	131.3	46	8.95	138.5	43	9.27	143.5	n.a.	n.a.
Totals	\$6.34	4,430	\$6.83	107.7	4,411	\$6.99	110.3	4,264	\$7.03	110.9	3,852	\$7.00	110.4	n.a.	n.a.

Compiled by Catherine Barr from data supplied by Baker & Taylor.

n.a. = not available

Table 7 / U.S. Paperback Books (Excluding Mass Market): Average Prices and Price Indexes, 2010–2013

Index Base: 2005 = 100

BISAC Category	2005			2010 Final			2011 Final			2012 Final			2013 Preliminary		
	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index
Antiques and collectibles	\$24.80	178	\$25.53	102.9	158	\$25.85	104.2	157	\$30.44	122.7	131	\$33.94	136.9		
Architecture	38.90	752	45.31	116.5	739	42.71	109.8	627	42.30	108.7	751	43.54	111.9		
Art	31.28	1,506	38.25	122.3	1,706	37.64	120.3	1,671	37.57	120.1	1,659	41.84	133.8		
Bibles	36.87	430	38.66	104.9	755	41.08	111.4	637	44.94	121.9	807	41.76	113.3		
Biography and autobiography	19.19	2,434	20.35	106.0	4,946	18.93	98.6	2,492	20.18	105.2	3,018	19.92	103.8		
Body, mind and spirit	17.48	995	18.03	103.1	1,717	17.88	102.3	1,043	18.68	106.9	1,012	18.50	105.8		
Business and economics	71.12	5,791	69.30	97.4	5,789	68.02	95.6	7,868	85.22	119.8	7,266	88.16	124.0		
Children	11.11	8,612	10.42	93.8	9,474	11.05	99.5	9,659	12.17	109.5	9,542	10.28	92.5		
Comics and graphic novels	12.75	1,863	16.11	126.4	3,415	16.24	127.4	2,188	16.36	128.3	1,836	16.67	130.7		
Computers	57.01	3,460	70.42	123.5	3,495	71.41	125.3	3,589	82.65	145.0	3,605	82.67	145.0		
Cooking	18.30	1,101	19.95	109.0	1,242	19.80	108.2	1,250	20.58	112.5	1,167	20.87	114.0		
Crafts and hobbies	18.49	1,052	19.34	104.6	1,091	19.41	105.0	1,064	19.57	105.8	1,168	18.44	99.7		
Design	32.87	440	63.98	194.6	414	42.72	130.0	385	41.09	125.0	325	38.24	116.3		
Drama	16.40	739	18.95	115.5	559	18.80	114.6	496	19.39	118.2	605	20.00	122.0		
Education	35.10	3,545	42.98	122.5	3,565	41.21	117.4	3,591	48.52	138.2	3,581	49.41	140.8		
Family and relationships	17.10	782	18.72	109.5	1,288	17.87	104.5	731	19.29	112.8	762	19.89	116.3		
Fiction	15.74	9,546	17.99	114.3	18,402	18.22	115.8	10,689	17.01	108.1	13,009	17.03	108.2		
Foreign language study	41.90	1,290	31.33	74.8	1,247	36.30	86.6	1,204	41.16	98.2	984	47.90	114.3		
Games	16.53	792	16.57	100.2	705	16.61	100.5	636	16.06	97.2	594	15.85	95.9		
Gardening	20.59	241	23.45	113.9	249	23.33	113.3	233	23.41	113.7	191	22.89	111.2		
Health and fitness	22.81	1,271	26.95	118.1	1,477	26.98	118.3	1,137	27.20	119.2	1,036	26.73	117.2		
History	33.53	6,952	35.79	106.7	7,456	36.45	108.7	6,837	41.52	123.8	6,395	36.63	109.2		
House and home	19.33	200	21.19	109.6	153	20.43	105.7	145	23.58	122.0	144	19.57	101.2		
Humor	12.96	430	14.37	110.9	581	14.97	115.5	382	14.10	108.8	336	14.27	110.1		
Language arts and disciplines	49.14	2,317	64.46	131.2	1,835	72.19	146.9	2,167	72.09	146.7	1,869	68.93	140.3		
Law	60.92	3,179	72.07	118.3	3,220	70.43	115.6	3,215	75.54	124.0	3,055	74.47	122.2		
Literary collections	28.07	672	36.42	129.7	541	29.36	104.6	478	34.90	124.3	463	34.18	121.8		
Literary criticism	31.99	1,612	36.57	114.3	1,750	38.50	120.4	1,561	43.00	134.4	1,595	39.47	123.4		
Mathematics	75.77	1,312	86.13	113.7	1,611	81.10	107.0	1,689	98.21	129.6	1,399	89.43	118.0		
Medical	64.27	5,378	90.22	140.4	6,107	83.04	129.2	5,361	101.39	157.8	5,109	107.66	167.5		
Music	22.66	3,020	22.83	100.8	2,837	24.53	108.3	2,642	25.25	111.4	2,544	23.99	105.9		
Nature	26.90	565	37.28	138.6	586	35.86	133.3	588	33.64	125.1	553	33.52	124.6		
Performing arts	27.85	1,030	33.53	120.4	938	32.40	116.3	899	37.92	136.2	864	34.70	124.6		
Pets	18.86	249	17.34	91.9	235	18.70	99.2	182	19.33	102.5	137	19.28	102.2		
Philosophy	31.40	1,391	52.66	167.7	1,587	42.41	135.1	1,397	51.20	163.1	1,509	48.73	155.2		
Photography	27.74	546	31.30	112.8	541	32.14	115.9	518	31.23	112.6	441	34.25	123.5		
Poetry	16.09	1,720	16.73	104.0	3,811	16.26	101.1	1,784	16.87	104.8	2,345	16.67	103.6		
Political science	45.65	3,908	41.00	89.8	3,472	41.07	90.0	3,396	45.46	99.6	3,544	46.39	101.6		
Psychology	45.74	1,578	47.98	104.9	1,685	53.84	117.7	1,655	64.61	141.3	1,935	69.55	152.1		
Reference	52.54	1,057	84.85	161.5	1,217	89.01	169.4	1,065	99.65	189.7	837	95.32	181.4		
Religion	20.54	6,955	22.08	107.5	8,639	20.58	100.2	6,717	22.70	110.5	7,459	22.45	109.3		
Science	71.05	4,004	116.37	163.8	4,685	99.37	139.9	3,791	107.99	152.0	4,641	121.08	170.4		
Self-help	16.36	1,121	17.84	109.0	2,043	17.31	105.8	1,271	17.55	107.3	1,212	17.76	108.6		
Social science	36.83	4,270	45.05	122.3	4,013	43.93	119.3	4,421	50.31	136.6	4,501	49.88	135.4		
Sports and recreation	21.82	1,315	22.30	102.2	1,310	24.79	113.6	1,112	23.28	106.7	1,073	23.74	108.8		
Study aids	30.90	1,499	49.24	159.4	985	33.84	109.5	567	41.89	135.6	526	55.80	180.6		
Technology and engineering	85.80	2,427	111.20	129.6	2,426	105.98	123.5	2,963	121.25	141.3	3,009	121.90	142.1		
Transportation	40.19	507	36.26	90.2	458	36.76	91.5	398	34.84	86.7	408	39.00	97.0		
Travel	19.18	2,585	20.93	109.1	2,513	19.82	103.3	2,134	20.09	104.7	1,711	20.51	106.9		
True crime	17.71	195	20.94	118.2	227	19.00	107.3	168	18.89	106.7	163	20.15	113.8		
Young adult	14.06	2,173	14.86	105.7	2,555	18.59	132.2	3,247	17.13	121.8	2,054	16.25	115.6		
Totals	\$33.90	110,977	\$42.06	124.1	132,450	\$37.86	111.7	114,097	\$46.25	136.4	114,880	\$46.26	136.5		

Table 7A / U.S. Audiobooks: Average Prices and Price Indexes, 2010–2013
Index Base: 2005 = 100

BISAC Category	2005			2010 Final			2011 Final			2012 Final			2013 Preliminary		
	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index
Antiques and collectibles	n.a.	3	\$36.66	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Architecture	\$68.95	4	41.24	59.8	3	\$39.97	58.0	n.a.	n.a.	\$32.45	2	47.1	7	\$42.82	62.1
Art	57.51	9	58.21	101.2	9	40.36	70.2	n.a.	n.a.	37.40	12	65.0	3	29.95	52.1
Bibles	47.08	7	43.28	91.9	10	44.49	94.5	n.a.	n.a.	49.94	23	106.1	20	81.48	173.1
Biography and autobiography	37.68	751	50.79	134.8	749	51.25	136.0	n.a.	n.a.	47.09	1,016	125.0	1,190	41.04	108.9
Body, mind and spirit	26.74	69	32.98	123.3	103	37.62	140.7	n.a.	n.a.	37.22	137	139.2	259	26.87	100.5
Business and economics	42.11	346	49.70	118.0	401	45.20	107.3	n.a.	n.a.	38.27	468	90.9	451	34.53	82.0
Children	26.57	899	37.80	142.3	978	34.74	130.7	n.a.	n.a.	32.14	1,274	121.0	1,295	30.21	113.7
Comics and graphic novels	n.a.	n.a.	n.a.	n.a.	29	19.99	n.a.	n.a.	n.a.	37.48	4	n.a.	2	14.99	n.a.
Computers	41.39	2	45.00	108.7	12	53.99	130.4	n.a.	n.a.	42.73	4	103.2	2	52.47	126.8
Cooking	14.45	2	44.97	311.2	14	42.77	296.0	n.a.	n.a.	44.91	14	310.8	20	47.19	326.6
Crafts and hobbies	n.a.	1	24.98	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	24.95	1	n.a.	3	24.95	n.a.
Design	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	57.30	3	n.a.	1	29.95	n.a.
Drama	23.45	95	33.21	141.6	104	28.03	119.5	n.a.	n.a.	23.99	110	102.3	86	30.28	129.1
Education	27.46	20	45.71	166.5	34	44.04	160.4	n.a.	n.a.	34.92	37	127.2	32	40.08	146.0
Family and relationships	24.58	69	41.17	167.5	110	41.20	167.6	n.a.	n.a.	42.75	151	173.9	127	35.43	144.1
Fiction	41.47	7,649	50.38	121.5	7,174	48.19	116.2	n.a.	n.a.	41.88	11,411	101.0	11,400	38.24	92.2
Foreign language study	70.04	186	45.11	64.4	223	50.61	72.3	n.a.	n.a.	66.27	185	94.6	122	65.32	93.3
Games	32.68	n.a.	n.a.	n.a.	5	46.98	143.8	n.a.	n.a.	44.98	5	137.6	n.a.	n.a.	n.a.
Gardening	n.a.	6	47.82	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	31.99	5	n.a.	n.a.	n.a.	n.a.
Health and fitness	26.61	85	43.09	161.9	110	47.00	176.6	n.a.	n.a.	43.08	99	161.9	130	42.94	161.4
History	41.61	563	58.07	139.6	446	59.36	142.7	n.a.	n.a.	50.38	606	121.1	476	47.00	113.0
House and home	25.00	n.a.	n.a.	n.a.	1	34.95	139.8	n.a.	n.a.	55.32	3	221.3	4	29.98	119.9
Humor	29.60	95	36.62	123.7	103	40.46	136.7	n.a.	n.a.	33.46	80	113.0	71	37.83	127.8
Language arts and disciplines	60.84	13	38.34	63.0	38	44.87	73.8	n.a.	n.a.	55.13	26	90.6	14	40.60	66.7
Law	55.32	10	64.49	116.6	7	70.42	127.3	n.a.	n.a.	50.93	18	92.1	16	62.99	113.9
Literary collections	24.71	11	52.07	210.7	33	51.64	209.0	n.a.	n.a.	39.72	35	160.7	18	37.09	150.1
Literary criticism	26.41	18	42.53	161.0	188	30.59	115.8	n.a.	n.a.	33.38	95	126.4	9	41.64	157.7
Mathematics	n.a.	n.a.	n.a.	n.a.	1	24.95	n.a.	n.a.	n.a.	51.32	3	n.a.	4	31.23	n.a.
Medical	153.72	28	40.13	26.1	24	45.74	29.8	n.a.	n.a.	48.92	24	31.8	22	40.61	26.4
Music	29.83	74	35.67	119.6	57	48.44	162.4	n.a.	n.a.	42.96	49	144.0	32	38.36	128.6
Nature	28.92	57	41.20	142.5	44	46.71	161.5	n.a.	n.a.	51.60	13	178.4	25	42.26	146.1
Performing arts	25.78	16	40.60	157.5	9	65.08	252.4	n.a.	n.a.	34.42	16	133.5	45	39.34	152.6
Pets	33.05	52	38.33	116.0	25	43.14	130.5	n.a.	n.a.	42.93	20	129.9	32	40.38	122.2
Philosophy	35.30	38	53.05	150.3	73	46.86	132.7	n.a.	n.a.	39.76	42	112.6	37	29.83	84.5
Photography	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Poetry	22.87	28	33.59	146.9	16	23.03	100.7	n.a.	n.a.	27.77	15	121.4	19	26.39	115.4
Political science	42.66	230	48.04	112.6	220	48.22	113.0	n.a.	n.a.	46.61	236	109.3	167	44.97	105.4
Psychology	35.70	46	45.42	127.2	91	48.58	136.1	n.a.	n.a.	40.16	82	112.5	71	43.45	121.7
Reference	21.20	2	59.99	283.0	19	42.62	201.0	n.a.	n.a.	35.44	11	167.2	5	49.77	234.8
Religion	26.52	425	33.94	128.0	465	31.81	119.9	n.a.	n.a.	32.86	566	123.9	662	29.20	110.1
Science	39.86	66	51.89	130.2	90	54.30	136.2	n.a.	n.a.	41.99	118	105.3	95	41.15	103.2
Self-help	23.58	192	39.43	167.2	197	41.65	176.6	n.a.	n.a.	36.42	386	154.5	211	31.23	132.4
Social science	35.73	90	48.07	134.5	102	48.64	136.1	n.a.	n.a.	43.15	116	120.8	111	37.51	105.0
Sports and recreation	28.46	58	48.48	170.3	38	45.51	159.9	n.a.	n.a.	44.06	37	154.8	48	39.93	140.3
Study aids	41.85	7	19.41	46.4	2	27.66	66.1	n.a.	n.a.	214.11	6	511.6	1	24.99	59.7
Technology and engineering	61.47	23	53.33	86.8	26	46.41	75.5	n.a.	n.a.	40.07	11	65.2	8	36.61	59.6
Transportation	28.00	7	46.28	165.3	1	24.95	89.1	n.a.	n.a.	46.27	7	165.3	10	48.68	173.9
Travel	41.91	47	50.96	121.6	20	61.17	146.0	n.a.	n.a.	35.88	49	85.6	37	35.89	85.6
True crime	35.97	37	52.58	146.2	36	50.04	139.1	n.a.	n.a.	45.13	80	125.5	136	39.89	110.9
Young adult	35.68	888	44.81	125.6	960	41.71	116.9	n.a.	n.a.	34.95	1,462	98.0	1,013	32.27	90.4
Totals	\$40.49	13,324	\$48.00	118.5	13,400	\$45.89	113.3	n.a.	n.a.	\$40.95	19,173	101.1	18,549	\$37.43	92.4

Compiled by Catherine Barr from data supplied by Baker & Taylor.
n.a. = not available

Table 7B / U.S. E-Books: Average Prices and Price Indexes, 2010–2013

Index Base: 2008 = 100

BISAC Category	2008			2010 Final			2011 Final			2012 Final			2013 Preliminary		
	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index	Average Prices	Volumes	Index
Antiques and collectibles	\$55.97	62	\$30.24	54.0	229	\$21.46	38.3	168	\$22.62	40.4	158	\$22.19	39.6		
Architecture	70.50	268	66.57	94.4	312	60.38	85.6	830	47.86	67.9	793	64.32	91.2		
Art	45.41	199	41.56	91.5	729	16.89	37.2	1,339	21.41	47.1	1,041	25.88	57.0		
Bibles	25.79	119	6.11	23.7	113	11.34	44.0	165	13.37	51.8	472	7.26	28.2		
Biography and autobiography	14.58	1,828	15.47	106.1	3,824	10.23	70.2	8,544	18.07	123.9	6,173	15.23	104.5		
Body, mind and spirit	12.41	628	13.95	112.4	1,378	11.54	93.0	2,744	12.90	103.9	1,823	10.73	86.5		
Business and economics	57.52	5,603	44.82	77.9	7,198	40.64	70.7	12,688	41.17	71.6	10,566	53.47	93.0		
Children	12.01	4,239	13.82	115.1	14,867	16.42	136.7	23,942	10.63	88.5	17,683	9.61	80.0		
Comics and graphic novels	25.04	26	11.39	45.5	269	6.02	24.0	628	6.68	26.7	453	8.07	32.2		
Computers	66.87	3,057	62.09	92.9	4,383	61.72	92.3	4,881	70.64	105.6	3,206	63.42	94.8		
Cooking	20.20	715	16.79	83.1	1,561	12.42	61.5	2,680	11.55	57.2	2,694	12.94	64.1		
Crafts and hobbies	14.35	340	17.63	122.9	785	15.26	106.3	1,270	10.45	72.8	1,098	11.25	78.4		
Design	36.04	125	37.03	102.7	104	38.69	107.4	221	25.27	70.1	177	26.91	74.7		
Drama	29.49	443	4.86	16.5	2,758	3.19	10.8	2,256	7.19	24.4	1,711	8.17	27.7		
Education	51.98	1,537	45.95	88.4	1,787	50.25	96.7	3,878	47.65	91.7	4,481	51.25	98.6		
Family and relationships	19.88	717	14.79	74.4	1,210	10.13	51.0	2,208	13.81	69.5	1,823	14.75	74.2		
Fiction	8.71	18,043	7.06	81.1	56,776	4.83	55.5	108,916	9.68	111.1	85,402	6.62	76.0		
Foreign language study	43.01	97	46.68	108.5	304	19.69	45.8	903	23.06	53.6	1,574	15.60	36.3		
Games	17.73	120	12.85	72.5	324	10.79	60.9	492	8.42	47.5	414	9.39	53.0		
Gardening	20.40	68	17.41	85.3	169	13.34	65.4	408	14.41	70.6	295	15.22	74.6		
Health and fitness	18.54	920	18.78	101.3	1,988	13.20	71.2	3,179	13.49	72.8	3,070	14.49	78.2		
History	57.53	2,641	48.20	83.8	4,163	33.22	57.7	9,697	32.46	56.4	8,602	41.67	72.4		
House and home	22.89	121	21.57	94.2	187	14.90	65.1	309	12.89	56.3	243	13.55	59.2		
Humor	11.27	322	11.15	98.9	619	7.53	66.8	1,297	12.39	109.9	935	9.38	83.2		
Language arts and disciplines	93.27	582	75.61	81.1	1,075	59.54	63.8	2,009	45.28	48.5	2,305	52.46	56.2		
Law	81.23	609	112.19	138.1	872	76.17	93.8	2,132	72.99	89.9	1,653	93.15	114.7		
Literary collections	24.50	226	20.27	82.7	1,757	4.41	18.0	1,823	9.95	40.6	1,371	14.68	59.9		
Literary criticism	86.62	608	87.17	100.6	936	50.59	58.4	2,444	36.90	42.6	2,009	58.94	68.0		
Mathematics	106.16	801	112.32	105.8	1,332	95.28	89.8	1,973	74.53	70.2	1,639	87.52	82.4		
Medical	135.21	1,575	135.71	100.4	4,299	100.28	74.2	5,638	95.97	71.0	5,033	116.81	86.4		
Music	33.83	331	32.65	96.5	4,390	14.12	41.7	18,723	4.85	14.3	1,801	29.00	85.7		
Nature	59.76	370	59.48	99.5	527	32.10	53.7	934	38.90	65.1	897	38.61	64.6		
Performing arts	38.06	474	32.17	84.5	863	26.70	70.2	1,231	28.74	75.5	1,341	40.13	105.4		
Pets	15.91	176	14.50	91.1	581	11.17	70.2	716	14.76	92.8	438	9.70	61.0		
Philosophy	79.19	598	71.43	90.2	948	44.17	55.8	2,304	37.51	47.4	2,442	44.60	56.3		
Photography	30.30	202	27.23	89.9	387	18.19	60.0	471	18.89	62.3	469	21.17	69.9		
Poetry	13.66	332	9.54	69.8	1,807	5.73	41.9	2,398	7.18	52.6	2,380	7.19	52.6		
Political science	59.03	1,427	59.74	101.2	2,208	43.34	73.4	4,959	41.13	69.7	4,673	52.97	89.7		
Psychology	65.30	914	56.42	86.4	2,139	49.01	75.1	3,023	44.76	68.5	3,852	70.21	107.5		
Reference	48.33	646	22.92	47.4	788	19.77	40.9	1,392	24.74	51.2	1,208	59.88	123.9		
Religion	27.29	2,874	27.81	101.9	5,669	17.29	63.4	9,644	17.76	65.1	8,335	18.49	67.8		
Science	210.57	2,915	155.80	74.0	3,634	131.61	62.5	5,935	102.09	48.5	4,792	118.04	56.1		
Self-help	14.15	746	14.06	99.4	2,497	8.10	57.2	4,978	13.50	95.4	3,484	10.79	76.3		
Social science	69.42	1,513	56.83	81.9	2,240	53.61	77.2	4,446	54.35	78.3	6,181	73.84	106.4		
Sports and recreation	22.44	643	19.22	85.7	1,223	17.09	76.2	2,607	17.82	79.4	2,324	21.56	96.1		
Study aids	21.95	305	13.94	63.5	859	9.20	41.9	13,402	22.96	104.6	6,001	19.68	89.7		
Technology and engineering	153.73	2,618	158.44	103.1	2,831	123.20	80.1	4,044	118.05	76.8	3,976	120.59	78.4		
Transportation	35.47	97	33.12	93.4	193	19.12	53.9	323	24.34	68.6	288	27.93	78.7		
Travel	15.61	1,223	15.84	101.5	2,745	9.10	58.3	3,686	9.74	62.4	2,079	11.98	76.7		
True crime	11.60	210	10.37	89.4	321	8.81	75.9	621	15.87	136.8	593	12.58	108.4		
Young adult	8.83	1,892	11.96	135.4	2,821	21.47	243.1	5,980	17.11	193.8	5,950	12.59	142.6		
Totals	\$57.38	67,145	\$41.61	72.5	155,979	\$24.48	42.7	301,479	\$22.92	39.9	232,401	\$27.83	48.5		

Compiled by Catherine Barr from data supplied by Baker & Taylor.

Table 8 / Average Price of Serials, Based on Titles in Select Serial Indexes: 2010–2014

Subject	LC Class	2010			2011			2012			2013			2014		
		No. of Titles	Avg. Price	% of Price Increase	No. of Titles	Avg. Price	% of Price Increase	No. of Titles	Avg. Price	% of Price Increase	No. of Titles	Avg. Price	% of Price Increase	No. of Titles	Avg. Price	% of Price Increase
Agriculture	S	271	\$1,011.92	275	\$1,063.48	5.1%	275	\$1,118.85	5.2%	275	\$1,202.04	7.4%	275	\$1,272.21	5.8%	
Anthropology	GN	74	405.37	76	431.31	6.4	76	453.12	5.1	76	484.91	7.0	77	512.93	5.8	
Arts and architecture	N	173	262.95	174	281.04	6.9	174	295.63	5.2	174	316.01	6.9	174	339.76	7.5	
Astronomy	QB	47	2,038.49	48	2,109.97	3.5	48	2,234.77	5.9	50	2,340.84	4.7	50	2,456.21	4.9	
Biology	QH	766	2,108.09	766	2,235.15	6.0	767	2,358.84	5.5	770	2,479.86	5.1	768	2,612.59	5.4	
Botany	QK	86	1,626.06	88	1,718.79	5.7	88	1,810.40	5.3	88	1,919.64	6.0	88	2,032.56	5.9	
Business and economics	HA-HJ	775	776.95	777	833.29	7.3	783	877.56	5.3	784	933.23	6.3	783	994.33	6.5	
Chemistry	QD	278	3,715.60	281	3,992.55	7.5	283	4,185.70	4.8	284	4,378.00	4.6	282	4,602.33	5.1	
Education	L	408	484.13	410	519.45	7.3	409	547.84	5.5	409	594.31	8.5	407	635.07	6.9	
Engineering	T	657	1,860.72	657	1,984.04	6.6	661	2,090.95	5.4	665	2,218.40	6.1	667	2,354.23	6.1	
Food science	TX	56	911.27	56	976.64	7.2	56	1,037.24	6.2	57	1,095.45	5.6	57	1,168.62	6.7	
General science	Q	140	1,034.00	144	1,119.50	8.3	146	1,191.63	6.4	148	1,235.09	3.6	149	1,295.21	4.9	
General works	A	203	127.96	201	135.93	6.2	200	141.33	4.0	200	148.74	5.2	198	157.65	6.0	
Geography	G-GF	170	938.83	168	984.70	4.9	171	1,032.51	4.9	174	1,115.64	8.1	174	1,190.92	6.7	
Geology	QE	121	1,531.16	115	1,642.83	7.3	115	1,741.49	6.0	119	1,827.55	4.9	119	1,934.87	5.9	
Health sciences	R	1,858	1,118.28	1,882	1,193.40	6.7	1,884	1,271.98	6.6	1,884	1,372.41	7.9	1,890	1,461.57	6.5	
History	C,D,E,F	614	281.98	623	299.95	6.4	624	318.17	6.1	624	338.31	6.3	623	360.16	6.5	
Language and literature	P	632	255.50	669	270.18	5.7	667	286.16	5.9	669	304.17	6.3	649	317.86	4.5	
Law	K	209	335.14	216	352.16	5.1	217	375.00	6.5	215	395.64	5.5	213	424.03	7.2	
Library science	Z	119	344.52	123	355.84	3.3	122	372.76	4.8	117	405.85	8.9	117	428.92	5.7	
Math and computer science	QA	332	1,416.28	345	1,486.18	4.9	344	1,568.54	5.5	344	1,599.11	1.9	347	1,673.28	4.6	
Military and naval science	U,V	44	317.49	44	354.86	11.8	44	374.26	5.5	45	380.69	1.7	44	376.62	-1.1	
Music	M	98	217.23	99	222.41	2.4	99	233.30	4.9	101	248.01	6.3	101	261.65	5.5	
Philosophy and religion	B-BD, BH-BX	386	286.15	391	306.08	7.0	391	324.75	6.1	399	339.28	4.5	399	361.35	6.5	
Physics	QC	308	3,362.38	309	3,491.47	3.8	304	3,748.52	7.4	311	3,924.45	4.7	310	4,133.98	5.3	
Political science	J	182	486.39	186	522.49	7.4	186	553.25	5.9	187	585.88	5.9	187	622.56	6.3	
Psychology	BF	264	677.84	267	723.41	6.7	267	758.87	4.9	270	802.07	5.7	269	869.43	8.4	
Recreation	QV	69	264.24	69	286.70	8.5	71	306.91	7.0	71	329.90	7.5	71	357.46	8.4	
Social sciences	H	102	511.40	103	534.16	4.5	103	560.28	4.9	105	586.40	4.7	105	622.41	6.1	
Sociology	HM-HX	555	585.33	557	627.18	7.1	556	664.26	5.9	557	710.44	7.0	558	757.60	6.6	
Technology	TA-TT	126	1,149.42	128	1,206.39	5.0	128	1,271.89	5.4	128	1,353.68	6.4	128	1,448.55	7.0	
Zoology	QL	168	1,422.66	171	1,479.89	4.0	172	1,560.81	5.5	172	1,637.01	4.9	174	1,714.98	4.8	
Totals		10,291	\$1,073.11	10,418	\$1,135.20	5.8%	10,431	\$1,201.07	5.8%	10,472	\$1,273.90	6.1%	10,453	\$1,350.86	6.0%	

Compiled by Stephen Bosch, University of Arizona, from data on serial pricing supplied by EBSCO based on titles indexed in ISI Arts and Humanities Citation Index, ISI Science Citation Index, ISI Social Sciences Citation Index, EBSCO Academic Search Premier and EBSCO Masterfile Premier.

Table 8A / Average Price of Online Serials, Based on Titles in Select Serial Indexes: 2010–2014

Subject	LC Class	2010			2011			2012			2013			2014		
		No. of Titles	Avg. Price	No. of Titles	Avg. Price	% of Price Increase	No. of Titles	Avg. Price	% of Price Increase	No. of Titles	Avg. Price	% of Price Increase	No. of Titles	Avg. Price	% of Price Increase	
Agriculture	S	46	\$797.57	47	\$864.34	8.4%	47	\$902.34	4.4%	47	\$949.13	5.2%	47	\$992.86	4.6%	
Anthropology	GN	21	520.29	21	572.76	10.1	21	596.14	4.1	21	656.29	10.1	21	706.29	7.6	
Arts and architecture	N	50	423.86	49	476.17	12.3	49	502.73	5.6	49	537.31	6.9	49	587.82	9.4	
Astronomy	QB	6	990.33	9	1,268.01	28.0	9	1,311.02	3.4	9	1,345.59	2.6	9	1,390.61	3.3	
Biology	QH	162	1,609.07	161	1,749.10	8.7	161	1,855.11	6.1	161	1,949.56	5.1	161	2,072.32	6.3	
Botany	QK	16	1,325.69	16	1,421.94	7.3	16	1,483.13	4.3	16	1,567.94	5.7	16	1,646.69	5.0	
Business and economics	HA-HJ	206	1,420.32	209	1,528.13	7.6	213	1,594.43	4.3	215	1,688.52	5.9	215	1,791.47	6.1	
Chemistry	QD	73	3,520.98	72	3,924.49	11.5	74	4,117.44	4.9	75	4,321.91	5.0	73	4,713.84	9.1	
Education	L	201	642.09	201	699.88	9.0	198	743.73	6.3	200	806.37	8.4	197	873.20	8.3	
Engineering	T	114	1,481.12	112	1,689.65	14.1	115	1,733.70	2.6	119	1,853.07	6.9	121	1,942.39	4.8	
Food science	TX	16	1,451.31	16	1,569.94	8.2	16	1,670.06	6.4	16	1,784.63	6.9	16	1,902.81	6.6	
General science	Q	31	1,205.98	31	1,293.12	7.2	33	1,361.32	5.3	33	1,499.25	10.1	33	1,620.42	8.1	
General works	A	12	603.43	11	725.56	20.2	11	756.83	4.3	11	806.29	6.5	11	853.79	5.9	
Geography	G-GF	58	1,143.87	58	1,253.10	9.5	61	1,294.53	3.3	62	1,374.49	6.2	62	1,463.61	6.5	
Geology	QE	24	710.71	22	811.95	14.2	22	895.55	10.3	23	949.52	6.0	23	1,025.87	8.0	
Health sciences	R	427	957.20	425	1,050.72	9.8	425	1,130.16	7.6	424	1,203.11	6.5	426	1,295.93	7.7	
History	C,D,E,F	194	437.97	196	475.54	8.6	196	499.08	5.0	194	538.46	7.9	194	574.12	6.6	
Language and literature	P	196	398.76	199	415.13	4.1	197	440.89	6.2	194	474.93	7.7	171	516.11	8.7	
Law	K	37	419.03	37	447.53	6.8	37	474.58	6.0	37	503.62	6.1	35	570.60	13.3	
Library science	Z	44	338.98	44	359.08	5.9	44	368.18	2.5	42	410.57	11.5	41	444.97	8.4	
Math and computer science	QA	53	1,455.11	53	1,573.74	8.2	53	1,657.73	5.3	53	1,734.45	4.6	53	1,860.23	7.3	
Military and naval science	U,V	18	404.28	18	490.17	21.2	18	511.17	4.3	18	527.78	3.2	17	507.65	-3.8	
Music	M	33	349.88	33	380.53	8.8	33	397.16	4.4	33	433.95	9.3	33	456.46	5.2	
Philosophy and religion	B-BD, BH-BX	85	364.73	84	401.90	10.2	84	423.47	5.4	84	450.02	6.3	84	485.36	7.9	
Physics	QC	80	3,533.11	81	3,717.13	5.2	77	4,169.22	12.2	77	4,513.53	8.3	76	4,824.06	6.9	
Political science	J	84	589.52	86	643.40	9.1	86	680.81	5.8	86	728.69	7.0	86	775.64	6.4	
Psychology	BF	100	772.11	102	835.17	8.2	102	896.26	7.3	104	949.58	5.9	103	1,038.45	9.4	
Recreation	QV	26	486.92	26	528.80	8.6	26	593.57	12.2	26	630.80	6.3	26	688.10	9.1	
Social sciences	H	34	636.31	34	673.93	5.9	34	707.05	4.9	33	772.20	9.2	33	819.50	6.1	
Sociology	HM-HX	233	736.93	233	805.29	9.3	233	850.25	5.6	234	911.27	7.2	233	981.03	7.7	
Technology	TA-TT	35	1,579.51	36	1,656.17	4.9	36	1,739.14	5.0	36	1,844.67	6.1	36	1,948.72	5.6	
Zoology	QL	22	796.13	23	865.34	8.7	24	913.77	5.6	24	964.29	5.5	26	985.97	2.2	
Totals		2,737	\$1,013.08	2,745	\$1,102.39	8.8%	2,751	\$1,170.83	6.2%	2,756	\$1,251.27	6.9%	2,727	\$1,345.56	7.5%	

Compiled by Stephen Bosch, University of Arizona, from data on serial pricing for titles available in online format supplied by EBSCO based on titles indexed in ISI Arts and Humanities Citation Index, ISI Science Citation Index, ISI Social Sciences Citation Index, EBSCO Academic Search Premier, and EBSCO Masterfile Premier.

(continued from page 438)

of books reviewed in 2013. As with the academic books data in Table 4, this index includes some paperback prices; as a result, the average price of books is less than if only hardcover books were included. Table 5 reports the number of titles, dollar amounts, percentages, and average price for books for the years 2011 through 2013 in each *Choice* subject category.

The average price for humanities titles in 2013 increased by 2.28 percent over the previous year, whereas the average price for science and technology titles decreased slightly at a rate of -1.43 percent. Finally, the average price for social and behavioral sciences titles increased at a faster rate of 5.98 percent. Calculated separately, reference books for 2013 showed a 14.12 percent increase over the previous year. However, if one discounts last year's decrease in reference book prices, the increase for reference titles over 2011's price would be only 6.72 percent. For all titles, there was a 4.21 percent average price increase for 2013, an 82 percent average price increase since 1989.

For 2013 the overall average price for books in the four major sections of *Choice*—humanities, science and technology, social and behavioral sciences, and reference—was \$73.78, an increase of 4.21 percent over the average 2012 book price of \$70.80. Reference books calculated separately had an average price increase of 14.12 percent over the previous year, with a 2013 average price of \$143.52 compared with last year's average price of \$125.76. Excluding reference books, the 2013 average price was \$69.30, a 3.29 percent increase compared with the average 2012 price of \$67.09.

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Foreign Prices

During 2013 the dollar saw a rebound against both the Canadian dollar and the Japanese yen, outperforming the previous four years. However, it continued its decline against the British pound sterling and the euro. The dollar's decline in these markets may be reflected in book and serials pricing from overseas publishers.

Dates	12/31/09*	12/31/10*	12/31/11*	12/31/12*	12/31/13*
Canada	1.0510	1.0200	1.0180	0.9950	1.0640
Euro	0.6950	0.7700	0.7650	0.7590	0.7260
U.K.	0.6160	0.6400	0.6370	0.6180	0.6050
Japan	92.3900	83.8300	78.0000	86.1600	105.0100

* Data from Financial Management Services. U.S. Treasury Department (<http://fms.treas.gov/intn.html>).

Serials Prices

Average Price of Serials (Table 8) and Average Price of Online Serials (Table 8A), compiled by Stephen Bosch, provide the average prices and percent increases for serials based on titles in select serials indexes. The serials included here are

published in the United States as well as overseas and are indexed in ISI Arts and Humanities Citation Index, ISI Science Citation Index, ISI Social Sciences Citation Index, EBSCO Academic Search Premier, and EBSCO Masterfile Premier.

Tables 8 and 8A cover prices for periodicals and serials for a five-year period, 2010 through 2014. The 2014 pricing is the actual renewal pricing for 2014 for serials that were indexed in the selected products. These tables are derived from pricing data supplied by EBSCO Subscription Services and reflect broad pricing changes aggregated from titles that are indexed in the five major products mentioned above. The U.S. Periodicals: Average Prices and Price Indexes (USPPI) (Table 1) is based on price changes seen in a static set of approximately 5,500 serial titles. The Average Price of Serials (Table 8) is based on a much broader set of titles, approximately 11,000; however, the titles are not static, so this pricing study does not rise to the level of a price index. This study is still useful in showing price changes for periodicals. The indexes selected for this price survey were deemed to be fairly representative of serials that are frequently purchased in academic and public libraries. There are some foreign titles in the indexes, so the scope is broader and this may give a better picture of the overall price pressures experienced in libraries. Table 8 contains both print and online serials pricing. Table 8A is a subset of the titles treated in Table 8 and contains only online serials pricing.

The most important trend seen in the data in Table 8 is that after the modest increase of 4.1 percent previously seen between 2009 and 2010, increases in prices have remained fairly constant since the economic recovery began. Price increases have hovered around 6 percent annually since 2010. The respite in price increases seen in 2009–2010 appears to be over. Libraries were very vocal about not being able to sustain high rates of inflation, and in 2010 price increases moderated, but since then they have averaged around 6 percent. If only the titles with online availability (Table 8A) are looked at, the rates of increase for those titles are even higher, averaging 7.4 percent over the past five years. There is little difference between the average prices for print serials and online serials, so, at least for this set of data, online formats do not cost less than their print counterparts.

Another interesting trend is that the science areas do not dominate the list of subjects with the largest price increases. The subject areas that displayed large increases were quite varied. Law, arts and architecture, psychology, and recreation saw higher increases than most areas. These same four areas showed the highest increases in the online table (Table 8A) as well. Average prices of journals in the science and technology areas are by far higher than in other areas and that trend continues with the average cost of chemistry and physics journals being \$4,602 and \$4,134, respectively. Although these STM titles are not inflating at high rates, the impact of a 5.0 percent increase in a \$4,000 title is much higher than a 9 percent increase on a \$300 title. Online journals (Table 8A) showed higher average prices for chemistry (\$4,714) and physics (\$4,824).

In this price study, as in similar price surveys, the data become less accurate at describing price changes as the sample becomes smaller. For that reason, drawing conclusions about price changes in subject areas with a limited number of titles will be less accurate than for large areas or the broader price survey. Price changes are far more volatile where smaller data sets are used. For example, military and

(text continues on page 458)

Table 9 / British Academic Books: Average Prices and Price Indexes 2009–2013

Index Base: 2009 = 100

Subject	LC Class	2009		2010		2011		2012		2013			
		No. of Titles	Average Price (£)	No. of Titles	Average Price (£)	No. of Titles	Average Price (£)	No. of Titles	Average Price (£)	No. of Titles	Average Price (£)	% Change 2012–2013	Index
Agriculture	S	140	53.96	154	63.97	177	58.83	183	69.29	163	68.55	-1.1%	127.2
Anthropology	GN	109	53.60	154	50.85	111	59.74	145	45.73	124	55.11	20.5	109.4
Botany	QK	22	145.94	45	66.08	39	85.29	45	97.50	33	81.54	-16.4	72.3
Business and economics	H-HJ	1,634	59.08	1,913	60.54	1,690	61.77	2,022	71.12	1,877	71.29	0.2	119.9
Chemistry	QD	88	101.14	96	105.68	87	116.07	144	155.82	96	149.82	-3.9	144.7
Education	L	386	49.70	558	52.21	456	52.98	547	64.36	440	64.49	0.2	128.2
Engineering and technology	T-TS	796	60.97	742	61.84	715	68.90	741	76.09	758	78.35	3.0	126.2
Fine and applied arts	M, N	762	38.43	1,037	35.95	949	41.29	1,092	42.40	1,005	43.35	2.2	113.3
General works	A	15	76.73	30	60.03	24	69.50	26	78.67	17	91.58	16.4	123.6
Geography	G-GF GR-GT	233	54.43	276	65.69	294	56.70	276	63.59	268	64.44	1.3	120.5
Geology	QE	41	53.80	33	52.28	35	57.97	51	79.33	34	77.70	-2.1	142.8
History	C, D, E, F	1,572	43.41	1,822	42.55	1,586	43.28	1,880	44.74	1,690	44.63	-0.2	102.9
Home economics	TX	59	39.02	46	30.48	34	48.40	47	61.06	58	67.22	10.1	173.1
Industrial arts	TT	21	24.32	41	28.47	42	36.62	42	25.47	37	35.50	39.4	154.6
Law	K	1,117	76.13	1,153	83.10	1,159	78.79	1,312	87.74	1,264	88.46	0.8	116.1
Library and information science	Z	98	60.32	100	53.58	104	61.51	105	65.96	100	59.99	-9.0	101.8

Literature and language	P	2,928	34.77	3,987	31.58	3,526	32.71	3,966	37.34	3,448	37.25	-0.3	108.3
Mathematics and computer science	QA	216	49.30	207	48.29	245	55.79	266	54.93	212	61.40	11.8	123.7
Medicine	R	1,110	48.50	1,182	55.12	1,177	55.02	1,280	55.88	1,126	60.74	8.7	123.7
Military and naval sciences	U, V	112	48.42	184	40.95	133	46.35	163	57.71	173	48.95	-15.2	107.1
Philosophy and religion	B-BD, BH-BX	1,091	45.65	1,336	48.17	1,151	48.65	1,293	54.67	1,074	53.96	-1.3	117.6
Physics and astronomy	QB, QC	196	54.73	214	64.83	215	64.76	240	68.87	221	72.08	4.7	129.4
Political Science	J	621	59.74	737	71.88	671	62.95	797	69.98	732	66.67	-4.7	114.3
Psychology	BF	195	44.46	265	39.69	264	46.77	297	50.93	266	54.88	7.7	123.7
Science (general)	Q	45	41.65	60	40.70	60	51.05	72	72.50	47	54.85	-24.3	140.8
Sociology	HM-HX	958	59.36	1,169	58.24	1,069	54.31	1,195	57.01	1,111	63.65	11.7	108.0
Sports and recreation	GV	181	30.90	192	36.76	145	46.83	202	56.70	165	54.18	-4.4	163.0
Zoology	QH, QL- QR	336	62.59	382	65.79	370	77.75	434	84.57	396	81.41	-3.7	128.3
Total, All Books		15,082	50.42	18,115	50.50	16,528	51.94	18,863	57.51	16,935	58.47	1.7%	115.4

Compiled by George Aullisio, University of Scranton, based on information provided by YBP U.K./Baker & Taylor.

(continued from page 455)

naval science (about 44 titles) showed price changes of 11.8 percent, 5.5 percent, 1.7 percent, and -1.1 percent between 2010 and 2014. Librarians are encouraged to look at an average price change over the period (military and naval science averaged 4.5 percent) or the overall number for the price study (6.0 percent) to calculate inflation. Year-to-year price changes are too unstable to be used for this purpose.

Book Prices

British Academic Books (Table 9), compiled by George Aulisio, indicates the average prices and price indexes from 2009 through 2013 with the percent of change from 2012 to 2013. This index is compiled using data from YBP and utilizes prices from cloth editions except when not available. YBP U.K. also profiles select titles from continental Europe and Africa. The index does not separate out more expensive reference titles. Small numbers of titles that include higher-priced reference sets may not be reliable indicators of price changes. This table does not include e-book prices.

In light of new data from YBP, Table 9 has been revised and recalculated back to 2009. All historical data and information on British academic books should be taken from this year's publication and any subsequent publications, as these data are the most accurate depiction of average prices and production.

Data on "Total, All Books" production illustrates the sum total of the LC Classes profiled in this table, not the sum total of all books profiled by YBP. In 2013 British academic books saw a 10.22 percent decrease from 18,863 titles to 16,935 titles. When reviewing book production data back to 2009, it is clear that the number of titles often fluctuates yearly between a large increase and a sharp decrease, likely meaning that this year's decrease is nothing to be concerned about. According to YBP's industry insights, they anticipate a modest single-digit increase in U.K. academic titles in 2014.

The newly revised data show that the average price in British pounds has increased moderately each year since 2009. Between 2009 and 2010 there was only a 0.16 percent increase in average price, and in 2011 there was a 2.85 percent average price increase. However, in 2012 the average price increase was rather steep at 10.72 percent. This large average price increase across all books is likely directly linked to both the 14.13 percent increase in total number of titles produced in 2012 and large average price increases of above 10 percent in 17 out of 28 LC classes profiled. In 2013 there was a 10.22 percent decrease in book production and a moderate price increase of 1.67 percent, bringing the average price across all books profiled to £58.47. The 2013 overall average price increase of 1.67 percent is below the United Kingdom's Consumer Price Index, which, according to the Office of National Statistics, was at 2.0 percent inflation in December 2013 (<http://www.ons.gov.uk>).

Table 9 shows how average prices have increased or decreased in comparison with the 2009 base year. For 2013 the overall index price for all LC subjects profiled in this table is at 115.4 percent. All LC classes are currently above their 2009 base prices, except for botany, which is now at 72.3 percent. The highest increases in comparison with the 2009 base prices are home economics (173.1 percent),

sports and recreation (163 percent), industrial arts (154.6 percent), chemistry (144.7 percent), geology (142.8 percent,) and science (general) (140.8 percent).

Based on historical data, industry insights, and general economic data, YBP forecasts for 2014 a 4 percent to 5 percent increase in the price of United Kingdom print books. In addition, YBP notes that e-book pricing is linked to print book pricing and therefore speculates that e-books will see a similar price increase in 2014 (http://www.ybp.com/book_price_update.html).

Using the Price Indexes

Librarians are encouraged to monitor trends in the publishing industry and changes in economic conditions when preparing budget forecasts and projections. The ALA ALCTS Library Materials Price Index Editorial Board endeavors to make information on publishing trends readily available by sponsoring the annual compilation and publication of price data contained in Tables 1 to 9. The indexes cover newly published library materials and document prices and rates of percent changes at the national and international level. They are useful benchmarks against which local costs can be compared, but because they reflect retail prices in the aggregate, they are not a substitute for cost data that reflect the collecting patterns of individual libraries, and they are not a substitute for specific cost studies.

Differences between local prices and those found in national indexes arise partially because these indexes exclude discounts, service charges, shipping and handling fees, and other costs that a library might incur. Discrepancies may also relate to a library's subject coverage; mix of titles purchased, including both current and backfiles; and the proportion of the library's budget expended on domestic or foreign materials. These variables can affect the average price paid by an individual library, although the individual library's rate of increase may not differ greatly from the national indexes.

LMPI is interested in pursuing studies that would correlate a particular library's costs with the national prices. The group welcomes interested parties to its meetings at ALA Annual and Midwinter conferences.

The Library Materials Price Index Editorial Board consists of compilers George Aulisio, Catherine Barr, Ajaye Bloomstone, Stephen Bosch, Kittie Henderson, Frederick C. Lynden, and editor Narda Tafuri.