

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 1.6 percent in 2012. This was similar to the increase seen in 2010 (1.5), but a substantial decrease from 2011. Indexes for gasoline, natural gas, and fuel oil exhibited declines. All indexes showed a smaller increase than in 2011 except for U.S. hardcover books and U.S. e-books. During 2012 all of the price indexes outperformed the CPI with the exception of audiobooks, which posted another steep decline. U.S. e-books demonstrated the greatest gain with an increase of 15.03 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) continues to be reproduced as it appeared in the 2010 article. The LMPI Editorial Board is working on re-establishing this index and hopes to make it available in the future. 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 2009 through 2013. 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. Periodicals Price Index (USPPI) by its inclusion of foreign serials prices as well as by using approximately three times the number of serials in its compilation. Because the same data set of titles is not treated every year, price changes may differ from year to year. This table measures the changes in price for more than 10,000 academic titles over a period of five years.

U.S. E-Books (Table 7B), established last year by compiler Catherine Barr, has been continued in this year's article. Data for this index continue to be provided by Baker & Taylor. Changes in average price for this index are noted in the chart below under the category "U.S. E-Books." Table 4A, "North American Academic E-Books" covers only those titles treated for academic library approval plan customers by Ingram Content Group (formerly Coutts Information Services) and YBP Library Services. Changes in average prices for Table 4A are noted in the chart below under the category "Academic E-Books." The British Academic Book Index (Table 9) continues this year with a new compiler, George Aulisio.

Readers should note that the data source for the North American Academic Books Index (Table 4) changed in 2009 and that this table is being indexed using combined data from Ingram Content Group and YBP Library Services. Prior years' data may not be applicable if compared with those presented in this year's table.

Table 1 / U.S Periodicals: Average Prices and Price Indexes, 2008–2010
Index Base: 1984 = 100

Subject Area	1984	2008		2009		2010	
	Average Price	Average Price	Index	Average Price	Index	Average Price	Index
U.S. periodicals excluding Russian translations	\$54.97	\$436.90	794.8	\$467.82	851.1	\$497.63	905.3
U.S. periodicals including Russian translations	72.47	559.96	772.7	603.85	833.3	642.62	886.8
Agriculture	24.06	169.99	706.5	181.40	754.0	201.60	837.9
Business and economics	38.87	245.27	631.0	263.64	678.3	287.64	740.0
Chemistry and physics	228.90	2,333.37	1,019.4	2,482.16	1,084.4	2,622.14	1,145.5
Children's periodicals	12.21	29.98	245.5	33.43	273.8	35.87	293.8
Education	34.01	240.80	708.0	258.73	760.8	276.33	812.5
Engineering	78.70	688.98	875.5	734.14	932.8	786.72	999.6
Fine and applied arts	26.90	84.94	315.8	89.40	332.4	94.10	349.8
General interest periodicals	27.90	60.11	215.5	63.91	229.1	66.70	239.1
History	23.68	106.55	450.0	113.94	481.2	123.57	521.8
Home economics	37.15	225.51	549.5	246.26	600.1	260.64	635.1
Industrial arts	30.40	170.51	560.9	172.22	566.5	188.27	619.3
Journalism and communications	39.25	182.41	464.8	192.89	491.4	210.49	536.3
Labor and industrial relations	29.87	201.12	673.3	220.96	739.8	234.50	785.1
Law	31.31	141.02	450.4	149.04	476.0	157.88	504.2
Library and information sciences	38.85	161.15	414.8	172.63	444.4	179.80	462.8
Literature and language	23.02	96.35	418.5	102.92	447.1	109.32	474.9
Mathematics, botany, geology, general science	106.56	925.61	868.6	991.88	930.8	1,024.13	961.1
Medicine	125.57	1,224.41	975.1	1,317.81	1,049.5	1,427.56	1,136.9
Philosophy and religion	21.94	99.33	452.8	107.44	489.7	117.24	534.3
Physical education and recreation	20.54	81.79	398.2	87.73	427.1	91.48	445.4
Political science	32.43	241.37	744.3	261.05	805.0	273.80	844.3
Psychology	69.74	631.79	905.9	686.52	984.4	726.87	1,042.3
Russian translations	381.86	3,080.51	806.7	3,390.04	887.8	3,580.13	937.6
Sociology and anthropology	43.87	367.59	837.9	400.08	912.0	432.76	986.5
Zoology	78.35	911.89	1,163.9	980.66	1,251.6	1,047.35	1,336.8
Total number of periodicals							
Excluding Russian translations	3,731	3,728		3,728		3,728	
Including Russian translations	3,942	3,910		3,910		3,912	

Compiled by Brenda Dingley, University of Missouri, Kansas City, based on subscription information supplied by Swets Information Services.

Index	Percent Change				
	2008	2009	2010	2011	2012
CPI	0.1	2.7	1.5	3.0	1.6
Periodicals	8.0	6.4	n.a.	n.a.	n.a.
Legal serials services	n.a.	n.a.	3.5	11.0	10.5
*Hardcover books	2.81	0.34	5.54	0.87	4.17
+Academic books	3.9	-1.2	12.4	4.6	n.a.
+Academic E-Books	13.1	-18.4	13.7	-0.3	n.a.
+Textbooks	2.8	1.7	0.7	3.5	n.a.
College books	3.3	4.1	-2.3	4.6	2.15
*Mass market paperbacks	1.56	3.08	1.94	2.34	0.72
*Trade paperbacks	-9.75	-0.41	7.30	-9.99	9.59
*Audiobooks	11.39	9.88	-1.19	-4.39	-10.61
*U.S. E-Books	n.a.	-22.80	-6.07	-41.17	15.03
++Serials	n.a.	n.a.	4.1	5.8	5.8
British academic books	n.a.	n.a.	-1.8	14.7	9.7

n.a. = not available

* = figures revised based on BISAC categories

+ Beginning with 2009, new data source

++ Data set changes each year.

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 LMPI Committee and Swets Information Services jointly produced the U.S. Periodicals Price Index (Table 1). The subscription prices shown are publishers' list prices, excluding publisher discount or vendor service charges. This report includes 2008, 2009, and 2010 data indexed to the base year of 1984. Table 1 was compiled by Brenda Dingley using data provided by Swets Information Services. This index is being repeated from previous years. It is hoped that an updated table will appear in next year's *Library and Book Trade Almanac*.

More extensive reports from the periodicals price index were 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) was 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 2013. 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 with purchasing a new set. It should be noted that although legal serials in print format continue to be produced, titles are migrating, albeit slowly, to an electronic-only format.

Table 2 / Legal Serials Services: Average Prices and Price Indexes, 2009–2013
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

Book Prices

Tables 3 (hardcover books), 6 (mass market paperbacks), 7 (other—trade—paperbacks), 7A (audiobooks), and table 7B (e-books), prepared by Catherine Barr, are derived from data provided by book wholesaler Baker & Taylor. Figures for 2011 are revised to reflect late updates to the Baker & Taylor database (publishers were still adding 2011 titles in early 2012); the 2012 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 2011 and 2012. List prices for hardcovers overall (Table 3) rose only 0.87 percent but were up 4.17 percent in preliminary data for 2012. Mass market paperback prices (Table 6) remained in positive territory but gained a mere 2.34 percent in 2011 and 0.72 percent in 2012. In contrast, trade paperbacks (Table 7)—whose numbers swelled in 2011—saw prices fall 9.99 percent that year but recover nearly that total in 2012. Audiobook prices (Table 7A) have been falling since 2009, with declines of 4.39 percent in 2011 and 10.61 percent in 2012. E-books (Table 7B) showed a wide range of prices and price changes across categories, with an overall drop of 41.17 percent in 2011 followed by an increase of 15 percent in 2012.

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 2009–2011 (Table 4) should not be compared with the versions published in 2009 or prior years. The North American Academic Books Price Index (NAABPI) now contains many more titles in the source data, which has impacted 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 number 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 2011 increased moderately when compared with 2010. The average price increased to \$93.26 (2011) from \$89.15 (2010), a 4.6 percent increase. The overall number of titles in the 2011 index (120,482) increased by approximately 12 percent. Price increases and increased availability of titles will pressure library budgets. This year's price increase was not the result of increases in the costs for e-books as the e-book-only index showed relatively little change in price. This index looks at all titles treated by approval book vendors and includes e-books.

Since 2008, two additional indexes have been available, one for academic 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 \$9.95 versions of e-books, available to consumers through channels such as Amazon and the Apple Store, are not available to libraries at similar prices. The new index clearly points out the difference in price: the average price of an e-book in 2011 was \$115.86 while the average price for all books was \$93.26. The average price of a print book was \$76.52. 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 some cases 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. 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 changing rapidly. This is reflected in the large swing in numbers of titles supplied between 2007, 2009, 2010, and 2011. Vendors continue to report large jumps in numbers of titles treated due to adding "catch up" titles to their database or adding titles from new publishers.

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 \$111.69 in 2011. There was not a big increase in the average price (3.5 percent) of textbooks in 2011 but the increase was above the Consumer Price Index (1.6 percent) so the increase is not inconsequential. Textbooks are expensive and the prices seem to be on the rise. Since "e" versions are in the textbook index, 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 2011 (Table 4) increased by 4.6 percent as compared with the 2010 average price. This is mainly

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Table 3 / Hardcover Books: Average Prices and Price Indexes, 2009–2012

Index Base: 2005 = 100

BISAC Category	2005	2009 Final			2010 Final			2011 Final			2012 Preliminary		
	Average Prices	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index
Antiques and collectibles	\$71.07	159	\$46.98	66.1	179	\$51.44	72.4	150	\$53.07	74.7	118	\$72.68	102.3
Architecture	66.99	842	84.46	126.1	742	85.52	127.7	743	77.19	115.2	752	81.97	122.4
Art	62.33	1,688	75.13	120.5	1,687	71.53	114.8	1,686	71.06	114.0	1,744	70.73	113.5
Bibles	48.05	165	46.32	96.4	185	37.50	78.0	221	46.28	96.3	199	37.14	77.3
Biography and autobiography	46.20	1,652	50.08	108.4	1,658	53.41	115.6	1,711	49.00	106.1	1,654	50.19	108.6
Body, mind and spirit	26.76	194	27.60	103.1	177	36.91	137.9	155	30.18	112.8	124	36.92	138.0
Business and economics	120.56	3,913	123.46	102.4	3,977	134.61	111.7	4,105	136.53	113.2	4,060	135.91	112.7
Children	23.14	12,396	25.01	108.1	11,675	24.63	106.4	11,704	26.80	115.8	11,607	22.76	98.4
Comics and graphic novels	32.75	732	32.07	97.9	679	31.51	96.2	801	34.64	105.8	739	37.93	115.8
Computers	113.07	786	155.86	137.8	834	138.53	122.5	884	138.05	122.1	1,004	164.11	145.1
Cooking	28.68	814	29.54	103.0	1,016	30.91	107.8	972	30.82	107.5	1,107	28.37	98.9
Crafts and hobbies	28.82	237	29.94	103.9	217	33.28	115.5	218	30.44	105.6	214	32.05	111.2
Design	59.41	331	66.52	112.0	435	76.59	128.9	441	68.63	115.5	516	63.56	107.0
Drama	60.81	81	83.00	136.5	133	42.91	70.6	138	40.77	67.0	61	74.80	123.0
Education	95.10	1,392	105.56	111.0	1,345	117.59	123.6	1,569	130.14	136.8	1,470	141.77	149.1
Family and relationships	25.37	296	33.57	132.3	277	32.24	127.1	229	33.72	132.9	215	44.25	174.4
Fiction	28.37	4,556	28.78	101.4	4,464	32.20	113.5	4,491	29.51	104.0	4,217	30.06	106.0
Foreign language study	116.89	120	132.01	112.9	123	132.47	113.3	158	136.08	116.4	147	124.18	106.2
Games	32.07	167	37.48	116.9	163	52.07	162.4	112	34.75	108.4	109	36.74	114.6
Gardening	38.20	140	36.98	96.8	118	36.42	95.3	118	40.00	104.7	133	40.09	104.9
Health and fitness	54.05	356	50.78	94.0	309	48.51	89.8	321	60.01	111.0	318	67.62	125.1
History	88.17	4,687	84.41	95.7	4,927	82.65	93.7	4,543	82.80	93.9	4,879	83.01	94.1
House and home	31.51	113	40.44	128.3	90	44.61	141.6	90	38.30	121.5	93	43.63	138.5

Humor	19.00	229	20.24	106.5	221	21.94	115.5	199	19.33	101.7	240	20.05	105.5
Language arts and disciplines	120.71	1,485	131.36	108.8	1,613	117.67	97.5	1,587	115.71	95.9	1,127	129.68	107.4
Law	155.28	1,515	166.60	107.3	1,714	174.48	112.4	1,756	179.16	115.4	1,745	177.69	114.4
Literary collections	74.92	373	90.08	120.2	325	83.49	111.4	357	88.34	117.9	269	91.03	121.5
Literary criticism	123.84	1,903	108.05	87.2	1,955	117.63	95.0	1,964	120.90	97.6	1,930	118.96	96.1
Mathematics	144.88	895	117.08	80.8	1,028	133.23	92.0	1,030	135.56	93.6	979	140.18	96.8
Medical	156.54	2,924	165.92	106.0	3,153	171.13	109.3	2,976	165.38	105.6	3,565	174.54	111.5
Music	77.63	520	77.34	99.6	502	87.84	113.2	488	91.25	117.5	520	84.16	108.4
Nature	67.75	411	65.83	97.2	377	74.89	110.5	400	73.56	108.6	376	86.42	127.6
Performing arts	71.74	540	80.97	112.9	531	76.27	106.3	534	82.49	115.0	580	88.25	123.0
Pets	25.45	176	25.04	98.4	138	24.66	96.9	122	21.16	83.1	86	22.66	89.0
Philosophy	127.22	990	93.78	73.7	1,044	108.93	85.6	1,004	96.68	76.0	1,179	101.55	79.8
Photography	56.77	805	81.82	144.1	800	107.99	190.2	822	60.45	106.5	842	85.67	150.9
Poetry	36.58	293	45.48	124.3	294	40.76	111.4	318	35.16	96.1	221	46.14	126.1
Political science	103.39	2,698	108.10	104.6	2,671	110.32	106.7	2,578	110.27	106.7	2,693	107.46	103.9
Psychology	93.85	1,031	104.29	111.1	1,138	109.85	117.0	1,082	119.76	127.6	1,130	135.57	144.5
Reference	202.23	558	274.83	135.9	541	302.69	149.7	599	351.48	173.8	512	422.35	208.8
Religion	62.29	2,353	72.64	116.6	2,590	80.88	129.8	2,370	73.53	118.0	2,527	82.56	132.5
Science	203.44	3,161	190.41	93.6	3,557	192.20	94.5	3,459	194.96	95.8	3,504	191.35	94.1
Self-help	22.43	311	21.51	95.9	257	27.11	120.9	219	23.92	106.6	219	23.75	105.9
Social science	96.17	3,019	102.73	106.8	3,027	100.47	104.5	3,069	105.66	109.9	3,141	111.20	115.6
Sports and recreation	38.77	619	38.66	99.7	652	41.23	106.3	645	44.69	115.3	651	51.14	131.9
Study aids	105.28	24	114.64	108.9	17	101.54	96.4	20	96.26	91.4	15	106.95	101.6
Technology and engineering	187.80	2,439	160.83	85.6	2,455	164.66	87.7	2,633	167.64	89.3	2,803	172.40	91.8
Transportation	68.68	245	75.98	110.6	292	84.28	122.7	326	61.92	90.2	218	67.49	98.3
Travel	37.11	384	41.22	111.1	367	41.32	111.3	340	42.35	114.1	206	45.65	123.0
True crime	29.28	93	29.36	100.3	67	34.83	119.0	73	31.48	107.5	75	31.06	106.1
Young adult	50.17	2,466	37.38	74.5	2,653	35.99	71.7	2,602	37.47	74.7	2,185	34.43	68.6
Totals	\$80.36	68,277	\$84.84	105.6	69,389	\$89.54	111.4	69,132	\$90.32	112.4	69,018	\$94.09	117.1

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

Table 4 / North American Academic Books: Average Prices and Price Indexes 2009–2011

Index Base: 1989 = 100

Subject Area	LC Class	1989		2009		2010		2010			
		No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	% Change 2010–2011	Index
Agriculture	S	897	\$45.13	1,253	\$98.24	1,139	\$107.44	1,321	\$100.51	-6.5%	222.7
Anthropology	GN	406	32.81	488	73.55	609	91.96	558	101.56	10.4	309.5
Botany	QK	251	69.02	286	118.52	260	125.84	283	139.62	10.9	202.3
Business and economics	H	5,979	41.67	10,070	89.33	10,916	97.31	11,237	103.11	6.0	247.4
Chemistry	QD	577	110.61	562	225.48	667	223.03	686	214.45	-3.8	193.9
Education	L	1,685	29.61	4,295	75.75	4,688	86.47	4,728	88.90	2.8	300.3
Engineering and technology	T	4,569	64.94	7,137	124.72	6,913	133.45	8,089	135.40	1.5	208.5
Fine and applied arts	M-N	3,040	40.72	6,647	54.07	5,535	57.17	7,866	63.68	11.4	156.4
General works	A	333	134.65	116	57.09	80	75.60	115	76.52	1.2	56.8
Geography	G	396	47.34	1,124	102.13	1,144	104.98	1,219	108.35	3.2	228.9
Geology	QE	303	63.49	278	125.35	276	114.34	298	115.36	0.9	181.7
History	C-D-E-F	5,549	31.34	10,415	55.98	10,079	65.29	10,729	74.99	14.9	239.3
Home economics	TX	535	27.10	961	42.85	812	44.35	878	48.94	10.3	180.6
Industrial arts	TT	175	23.89	281	38.05	265	52.60	322	44.03	-16.3	184.3
Law	K	1,252	51.10	4,522	113.24	4,596	125.35	6,277	126.55	1.0	247.7
Library and information science	Z	857	44.51	738	86.67	636	90.18	867	88.75	-1.6	199.4
Literature and language	P	10,812	24.99	19,707	48.32	19,364	57.31	21,247	60.21	5.1	240.9
Mathematics and computer science	QA	2,707	44.68	3,902	103.90	3,965	103.85	4,295	106.72	2.8	238.9
Medicine	R	5,028	58.38	8,603	101.97	8,679	112.66	9,613	114.54	1.7	196.2
Military and naval science	U-V	715	33.57	849	62.51	773	79.99	812	71.69	-10.4	213.6
Philosophy and religion	B	3,518	29.06	7,574	67.91	7,386	81.75	8,706	88.74	8.5	305.4
Physical education and recreation	GV	814	20.38	1,807	49.75	1,788	56.03	1,914	67.58	20.6	331.6
Physics and astronomy	QB	1,219	64.59	1,551	138.92	1,627	128.36	1,669	134.88	5.1	208.8
Political science	J	1,650	36.76	3,196	85.12	3,549	99.70	3,863	105.19	5.5	286.2
Psychology	BF	890	31.97	1,626	63.97	1,730	76.65	1,889	85.09	11.0	266.1
Science (general)	Q	433	56.10	552	122.02	631	108.40	611	115.87	6.9	206.5
Sociology	HM	2,742	29.36	6,240	73.58	6,666	88.75	7,273	89.96	1.4	306.4
Zoology	QH,L,P,R	1,967	71.28	2,973	126.24	3,029	140.26	3,117	147.90	5.4	207.5
Average for all subjects		59,299	\$41.69	107,753	\$79.32	107,802	\$89.15	120,482	\$93.26	4.6	223.7

Compiled by Stephen Bosch, University of Arizona from electronic data provided by Ingrams Content Group (Courtts Information Services), and YBP Library Services. The data represents all titles (includes hardcover, trade & 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 2009–2011

Index Base: 2007 = 100

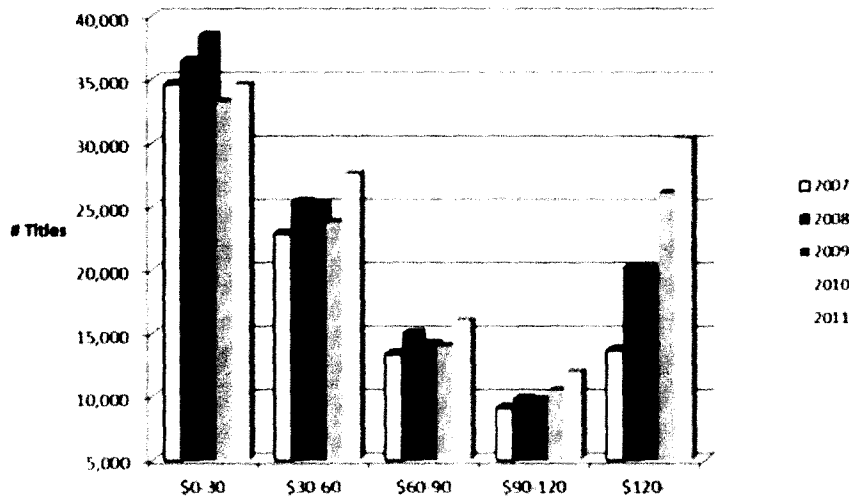
Subject Area	LC Class	2007		2009		2010		2011			
		No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	% Change 2010–2011	Index
Agriculture	S	894	\$128.59	1,416	\$141.69	697	\$168.73	793	\$125.68	-25.5%	97.7
Anthropology	GN	382	105.28	521	87.65	385	109.96	357	109.99	0.0	104.5
Botany	QK	287	168.18	347	167.31	190	175.23	169	169.98	-3.0	101.1
Business and economics	H	9,807	97.25	12,542	87.02	8,481	102.87	8,796	106.45	3.5	109.5
Chemistry	QD	934	213.76	1,559	244.65	521	232.57	675	258.38	11.1	120.9
Education	L	2,565	107.62	3,650	84.24	2,852	99.96	2,707	108.27	8.3	100.6
Engineering and technology	T	7,176	133.60	9,128	142.86	4,976	152.33	5,662	144.34	-5.2	108.0
Fine and applied arts	M-N	1,141	84.30	2,174	70.91	1,493	83.35	1,802	84.88	1.8	100.7
General works	A	60	107.85	83	81.79	53	89.13	43	115.99	30.1	107.5
Geography	G	888	132.67	1,308	109.83	829	117.83	833	119.81	1.7	90.3
Geology	QE	201	136.49	358	135.90	178	146.85	196	129.39	-11.9	94.8
History	C-D-E-F	4,452	93.55	8,519	73.99	5,189	89.42	6,288	91.40	2.2	97.7
Home economics	TX	255	104.31	468	80.49	211	78.08	245	72.80	-6.8	69.8
Industrial arts	TT	20	52.73	72	36.91	23	46.11	157	150.98	227.5	286.3
Law	K	1,743	99.61	3,711	113.49	2,433	147.66	2,591	153.51	4.0	154.1
Library and information science	Z	308	74.70	561	84.44	387	89.43	525	91.94	2.8	123.1
Literature and language	P	5,517	90.59	11,470	84.08	7,664	103.12	8,582	100.63	-2.4	111.1
Mathematics and computer science	QA	4,285	102.93	4,387	109.20	3,000	112.65	3,357	121.44	7.8	118.0
Medicine	R	7,420	123.59	10,680	118.45	6,404	134.60	7,184	127.12	-5.6	102.9
Military and naval science	U-V	684	82.89	736	86.28	487	105.07	645	71.69	-31.8	86.5
Philosophy and religion	B	3,612	93.77	6,843	87.18	4,262	110.31	5,648	115.85	5.0	123.5
Physical education and recreation	GV	610	96.00	1,255	61.11	791	76.57	1,114	79.19	3.4	82.5
Physics and astronomy	QB	1,965	142.11	2,197	143.77	1,288	147.50	1,350	136.13	-7.7	95.8
Political science	J	2,447	102.72	4,053	88.44	2,638	110.10	2,695	114.27	3.8	111.2
Psychology	BF	1,113	83.51	1,729	77.42	1,062	91.35	1,290	92.65	1.4	110.9
Science (general)	Q	468	117.19	640	107.75	462	122.51	528	119.86	-2.2	102.3
Sociology	HM	4,139	98.02	7,141	82.60	4,520	103.73	4,883	100.82	-2.8	102.9
Zoology	QH,L,P,R	3,394	154.01	4,066	145.77	2,336	164.82	2,442	170.60	3.5	110.8
Average for all subjects		66,767	\$110.82	101,614	\$102.21	63,812	\$116.25	71,557	\$115.86	-0.3	104.6

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.

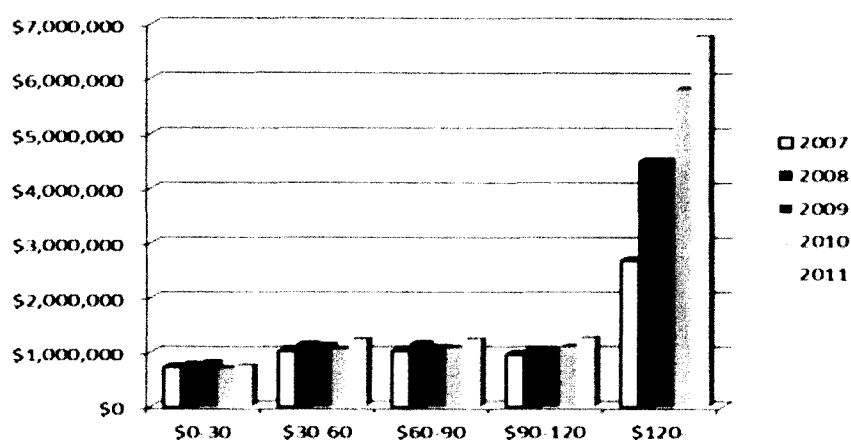
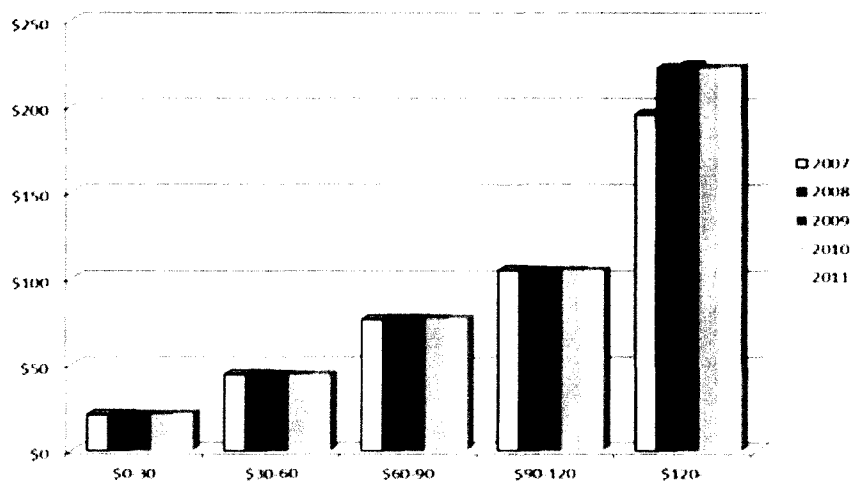
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due to a large increase in the number of titles treated in the higher part of the price bands (\$120 and up) as well as a large increase in the prices in the top price band. Nearly all price bands showed only modest growth in the number of titles between 2007 and 2011 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 the increased cost of e-books. Remove e-books from this 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 and up) has seen huge growth in the past four years, more than doubling in overall costs from \$2.6 million (2007) to \$6.7 million (2011). 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 2011. 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. Over the last four years, the costs (titles x prices) for books pricing above \$120 has increased 153 percent, while the overall costs for all books increased 76 percent. The increases in the costs of books in the upper price band represents 85 percent of the entire increase over the past four years. E-books are the significant driver in that increase. Within the price bands, the average price remains fairly constant except for the area with prices above \$120, which displayed a 21 percent increase over the past four years. See Figures 2 and 3.

Figure 2 / Comparison of Total Costs in Sample Grouped by Price**Figure 3 / Comparison of Average Price Grouped by Price Band**

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 inclusion 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.

(text continues on page 421)

Table 4B / North American Academic Text Books: Average Prices and Price Indexes 2009–2011

Index Base: 2007 = 100

Subject Area	LC Class	2007		2009		2010		2011			
		No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	No. of Titles	Average Price	% Change 2010–2011	Index
Agriculture	S	68	\$134.75	50	\$102.37	49	\$115.80	120	\$118.80	2.6%	88.2
Anthropology	GN	40	89.15	27	82.21	35	90.65	59	88.71	-2.1	99.5
Botany	QK	4	98.00	21	126.81	11	109.52	17	114.79	4.8	117.1
Business and economics	H	666	110.18	674	115.47	694	121.36	1,556	113.53	-6.4	103.0
Chemistry	QD	80	138.70	76	131.24	94	134.59	169	154.21	14.6	111.2
Education	L	235	79.58	220	84.49	271	87.75	667	82.90	-5.5	104.2
Engineering and technology	T	668	106.13	790	113.64	744	116.38	1,736	120.21	3.3	113.3
Fine and applied arts	M-N	82	73.69	72	86.44	73	93.33	173	86.78	-7.0	117.8
General works	A	1	48.00	1	90.00	0	0.00	4	80.88	0.0	89.9
Geography	G	59	100.42	82	104.79	78	105.21	190	110.18	4.7	109.7
Geology	QE	26	118.28	20	124.78	36	117.97	56	117.57	-0.3	99.4
History	C-D-E-F	72	78.41	72	87.34	81	81.49	205	78.84	-3.2	100.5
Home economics	TX	54	68.23	32	92.59	39	89.52	46	87.78	-1.9	128.7
Industrial arts	TT	13	73.90	13	91.87	14	84.72	23	821.82	870.0	1112.1
Law	K	163	87.67	241	100.38	242	102.09	513	105.89	3.7	120.8
Library and information science	Z	24	65.54	21	71.61	19	70.30	49	76.14	8.3	116.2
Literature and language	P	269	71.35	284	73.56	309	77.71	864	78.90	1.5	110.6
Mathematics and computer science	QA	732	91.42	679	89.50	683	96.11	1,544	112.26	16.8	122.8
Medicine	R	1,210	126.37	1,375	131.12	1,512	126.75	3,357	130.46	2.9	103.2
Military and naval science	U-V	10	104.58	8	138.90	3	122.65	24	98.38	-19.8	94.1
Philosophy and religion	B	85	55.51	98	57.11	101	72.13	216	65.42	-9.3	117.8
Physical education and recreation	GV	47	72.14	45	84.99	51	79.39	118	87.56	10.3	121.4
Physics and astronomy	QB	237	107.05	200	109.28	243	107.38	537	116.51	8.5	108.8
Political science	J	104	74.21	100	86.36	110	80.09	277	84.69	5.7	114.1
Psychology	BF	120	100.17	102	101.51	138	95.95	327	95.86	-0.1	95.7
Science (general)	Q	24	111.30	24	86.36	33	97.14	64	87.63	-9.8	78.7
Sociology	HM	330	84.88	261	84.05	353	86.97	844	88.31	1.5	104.0
Zoology	QH,L,P,R	250	116.73	231	114.93	227	109.82	511	120.33	9.6	103.1
Average for all subjects		5,673	\$102.52	5,819	\$107.17	6,243	\$107.94	14,266	\$111.69	3.5	108.9

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.

Table 5 / U.S. College Books: Average Prices and Price Indexes 1989, 2010–2012
Index Base for all years: 1989=100

Subject	1989		2010				2011				2012				
	No. of Titles	Avg. Price per Title	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2009	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	Percent Change 2011–2012
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	91	\$58.99	182.5	106.5	87	\$60.90	188.4	103.2	99	\$69.36	214.5	113.9	13.9%
Art & Architecture	276	55.56	149	61.69	111.0	105.8	170	64.61	116.3	104.7	176	68.40	123.1	105.9	5.9
<i>Fine Arts**</i>	n.a.	n.a.	92	67.13	n.a.	103.6	93	65.46	n.a.	97.5	117	67.49	n.a.	103.1	3.1
<i>Architecture**</i>	n.a.	n.a.	48	61.53	n.a.	98.6	51	67.72	n.a.	110.1	58	75.15	n.a.	111.0	11.0
<i>Photography</i>	24	44.11	28	53.02	120.2	97.4	25	51.87	117.6	97.8	31	63.50	144.0	122.4	22.4
Communication	42	32.70	112	59.97	183.4	98.3	111	73.51	224.8	122.6	85	68.36	209.1	93.0	-7.0
Language and Literature	110	35.17	94	68.66	195.2	113.0	124	70.09	199.3	102.1	122	73.30	208.4	104.6	4.6
<i>Africa and Middle East**</i>	n.a.	n.a.	24	62.28	n.a.	127.9	30	63.93	n.a.	102.6	21	66.77	n.a.	104.4	4.4
<i>Asia and Oceania**</i>	n.a.	n.a.	24	71.99	n.a.	128.7	18	78.89	n.a.	109.6	20	61.66	n.a.	78.2	-21.8
<i>Classical</i>	75	43.07	24	78.76	182.9	105.7	34	92.32	214.3	117.2	27	94.71	219.9	102.6	2.6
<i>English and American</i>	547	30.27	394	61.96	204.7	98.8	376	68.92	227.7	111.2	412	70.77	233.8	102.7	2.7
<i>Germanic</i>	38	32.18	22	70.36	218.7	106.9	26	67.99	211.3	96.6	29	71.17	221.2	104.7	4.7
<i>Romance</i>	97	30.30	70	59.00	194.7	92.5	70	68.69	226.7	116.4	67	69.54	229.5	101.2	1.2
<i>Slavic</i>	41	27.92	32	35.95	128.8	65.2	21	55.46	198.6	154.3	13	50.78	181.9	91.6	-8.4
<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	30	61.97	210.7	111.1	26	46.03	156.5	74.3	27	62.56	212.7	135.9	35.9
<i>Film</i>	82	33.00	130	64.13	194.3	95.9	138	64.97	196.9	101.3	148	66.69	202.1	102.6	2.6
<i>Music</i>	156	35.34	123	61.01	172.6	111.7	146	65.12	184.3	106.7	137	66.48	188.1	102.1	2.1
<i>Theater and Dance</i>	58	34.18	45	62.38	182.5	99.9	49	70.28	205.6	112.7	37	68.87	201.5	98.0	-2.0
Philosophy	185	37.25	198	63.45	170.3	90.6	206	70.28	188.7	110.8	236	71.79	192.7	102.1	2.1
Religion	174	33.49	272	57.18	170.7	113.8	243	60.99	182.1	106.7	259	83.71	250.0	137.3	37.3
Total Humanities	2,009	\$36.09	2,002	\$61.60	170.7	101.2	2,044	\$66.89	185.3	108.6	2,121	\$68.96	191.1	103.1	3.1

Table 5 / U.S. College Books: Average Prices and Price Indexes 1989, 2010–2012 (cont.)

Index Base for all years: 1989=100

Subject	1989		2010				2011				2012				Percent Change 2011–2012
	No. of Titles	Avg. Price per Title	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2009	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	
Science and Technology	99	\$46.90	110	\$58.09	123.9	90.1	93	\$57.99	123.6	99.8	104	\$57.10	121.7	98.5	-1.5%
History of Science and Technology	74	40.56	78	54.10	133.4	88.0	79	50.72	125.0	93.8	77	59.84	147.5	118.0	18.0
Astronautics and Astronomy	22	50.56	63	55.58	109.9	102.2	69	55.96	110.7	100.7	50	52.82	104.5	94.4	-5.6
Biology	97	51.01	151	72.74	142.6	100.9	153	73.42	143.9	100.9	136	81.29	159.4	110.7	10.7
<i>Botany</i>	29	63.91	85	85.09	133.1	98.8	75	70.92	111.0	83.3	75	90.52	141.6	127.6	27.6
<i>Zoology</i>	53	49.21	121	64.33	130.7	100.1	114	61.00	124.0	94.8	95	68.49	139.2	112.3	12.3
Chemistry	21	70.76	42	115.42	163.1	111.7	48	96.06	135.8	83.2	46	90.74	128.2	94.5	-5.5
Earth Science	34	79.44	102	63.33	79.7	82.0	113	64.02	80.6	101.1	100	82.49	103.8	128.9	28.9
Engineering	87	66.74	103	88.38	132.4	86.1	89	102.12	153.0	115.5	60	98.52	147.6	96.5	-3.5
Health Sciences	94	34.91	146	56.14	160.8	106.1	154	57.98	166.1	103.3	155	60.78	174.1	104.8	4.8
Information and Computer Science	70	40.35	83	73.50	182.2	78.6	96	70.03	173.6	95.3	73	69.63	172.6	99.4	-0.6
Mathematics	60	48.53	108	61.97	127.7	91.5	104	69.89	144.0	112.8	92	64.44	132.8	92.2	-7.8
Physics	22	43.94	50	54.74	124.6	85.1	64	65.59	149.3	119.8	53	52.85	120.3	80.6	-19.4
Sports and Physical Education	18	27.46	67	54.06	196.9	104.3	52	63.91	232.7	118.2	47	80.83	294.4	126.5	26.5
Total Science	780	49.54	1,309	67.13	135.5	94.6	1,303	\$67.65	136.6	100.8	1,163	71.29	143.9	105.4	5.4

Social and Behavioral Sciences	92	\$37.09	129	\$66.32	178.8	102.2	143	\$68.64	185.1	103.5	158	\$70.11	189.0	102.1	2.1
Anthropology	96	39.94	139	63.60	159.2	93.3	134	68.46	171.4	107.6	126	68.60	171.8	100.2	0.2
Business Management and Labor	145	35.72	150	58.00	162.4	105.7	161	54.37	152.2	93.7	169	56.52	158.2	104.0	4.0
Economics	332	40.75	270	61.16	150.1	96.2	281	59.01	144.8	96.5	264	63.84	156.7	108.2	8.2
Education	71	34.50	158	62.56	181.3	107.3	153	69.54	201.6	111.2	162	70.85	205.4	101.9	1.9
History, Geography, and Area Studies	59	42.10	154	58.16	138.2	108.5	109	71.73	170.4	123.3	125	66.85	158.8	93.2	-6.8
<i>Africa</i>	44	34.85	38	69.05	198.1	108.6	46	65.28	187.3	94.5	44	67.96	195.0	104.1	4.1
<i>Ancient History**</i>	n.a.	n.a.	49	57.90	n.a.	91.8	62	74.41	n.a.	128.5	66	80.73	n.a.	108.5	8.5
<i>Asia and Oceania</i>	76	34.75	72	60.88	175.2	84.8	61	61.86	178.0	101.6	84	66.78	192.2	108.0	8.0
<i>Central and Eastern Europe**</i>	n.a.	n.a.	56	66.53	n.a.	96.6	61	64.22	n.a.	96.5	74	54.03	n.a.	84.1	-15.9
<i>Latin America and Caribbean</i>	42	37.23	54	59.31	159.3	107.6	59	60.28	161.9	101.6	66	63.00	169.2	104.5	4.5
<i>Middle East and North Africa</i>	30	36.32	43	65.57	180.5	95.8	51	60.69	167.1	92.6	38	72.37	199.3	119.2	19.2
<i>North America</i>	349	30.56	444	45.50	148.9	92.3	445	47.43	155.2	104.2	416	49.91	163.3	105.2	5.2
<i>United Kingdom**</i>	n.a.	n.a.	80	69.56	n.a.	107.8	68	80.32	n.a.	115.5	88	78.10	n.a.	97.2	-2.8
<i>Western Europe</i>	287	42.08	138	59.14	140.5	85.0	141	69.66	165.5	117.8	134	68.45	162.7	98.3	-1.7
Political Science	28	33.56	4	84.36	251.4	81.9	4	132.50	394.8	157.1	2	105.00	312.9	79.2	-20.8
Comparative Politics	236	37.82	183	66.34	175.4	93.5	211	72.76	192.4	109.7	195	70.51	186.4	96.9	-3.1
International Relations	207	35.74	213	65.64	183.7	99.2	167	72.47	202.8	110.4	170	67.30	188.3	92.9	-7.1
Political Theory	59	37.76	73	56.74	150.3	92.8	91	59.06	156.4	104.1	86	58.54	155.0	99.1	-0.9
U.S. Politics	212	29.37	253	53.03	180.6	105.4	213	55.86	190.2	105.3	246	56.52	192.4	101.2	1.2
Psychology	179	36.36	126	60.55	166.5	92.5	115	64.12	176.3	105.9	114	73.84	203.1	115.2	15.2
Sociology	178	36.36	226	60.71	167.0	101.4	241	64.48	177.3	106.2	230	69.04	189.9	107.1	7.1

Table 5 / U.S. College Books: Average Prices and Price Indexes 1989, 2010–2012 (cont.)

Index Base for all years: 1989=100

Subject	1989		2010				2011				2012				Percent Change 2011–2012
	No. of Titles	Avg. Price per Title	No. of Titles	Avg. Price per Title	Indexed to 1989	Indexed to 2009	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	
Total Social and Behavioral Sciences	2,722	\$36.43	3,052	\$59.09	162.2	97.4	3,017	\$62.75	172.2	106.2	3,057	\$64.19	176.2	102.3	2.3
Total General, Humanities, Science and Social Sciences	5,511	\$38.16	6,363	\$61.53	161.2	97.7	6,364	\$65.08	170.5	105.8	6,341	\$67.09	175.8	103.1	3.1
Reference	636	\$61.02	29	\$61.17	65.5	65.5	31	\$91.40	149.8	149.4	37	\$93.04	152.5	101.8	1.8
Humanities**	n.a.	n.a.	128	117.12	n.a.	103.9	109	126.39	n.a.	107.9	138	110.23	n.a.	87.2	-12.8
Science and Technology**	n.a.	n.a.	76	133.19	n.a.	113.8	58	136.46	n.a.	102.5	43	151.19	n.a.	110.8	10.8
Social and Behavioral Sciences**	n.a.	n.a.	216	152.91	n.a.	101.5	216	144.23	n.a.	94.3	210	136.53	n.a.	94.7	-5.3
Total Reference	636	\$61.02	449	\$133.44	218.7	103.8	414	\$134.49	220.4	100.8	428	\$125.76	206.1	93.5	-6.5
Grand Total	6,147	40.52	6,812	\$66.27	163.6	98.7	6,778	\$69.32	171.1	104.6	6,769	\$70.80	174.7	102.1	2.1

Compiled by Frederick Lynden, Brown University.

* General category no longer appears.

**Began appearing as separate sections after 1989. n.a. = not available.

Table 6 / U.S. Mass Market Paperback Books: Average Prices and Price Indexes, 2009–2012

Index Base: 2005 = 100

BISAC Category	2005	2009 Final			2010 Final			2011 Final			2012 Preliminary		
	Average Prices	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index
Antiques and collectibles	\$7.69	9	\$8.66	112.6	9	\$8.77	114.0	5	\$8.79	114.3	5	\$8.99	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.
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.
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.
Biography and autobiography	7.83	13	7.48	95.5	13	7.51	95.9	8	8.62	110.1	4	6.73	86.0
Body, mind and spirit	7.11	13	7.99	112.4	17	7.99	112.4	17	7.93	111.5	14	8.13	114.3
Business and economics	12.47	1	9.99	80.1	3	9.32	74.7	2	7.99	64.1	1	7.99	64.1
Children	5.29	238	6.12	115.7	257	6.22	117.6	253	6.56	124	246	6.46	122.1
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.
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.
Cooking	7.50	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	7.99	106.5	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.
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.
Drama	6.32	3	5.98	94.6	3	6.30	99.7	1	8.95	141.6	2	4.95	78.3
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.
Family and relationships	6.98	1	4.99	71.5	1	7.99	114.5	1	8.99	128.8	1	4.99	71.5
Fiction	6.34	4,013	6.68	105.4	3,952	6.80	107.3	3,997	6.97	109.9	3,883	7.03	110.9
Foreign language study	n.a.	4	6.99	n.a.	6	7.08	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Games	7.14	5	4.99	69.9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
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.
Health and fitness	7.43	15	7.79	104.8	14	7.92	106.6	11	8.17	110	16	8.24	110.9
History	7.90	5	7.89	99.9	1	9.95	125.9	7	8.56	108.4	3	8.66	109.6
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.
Humor	6.99	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	3.50	50.1	n.a.	n.a.	n.a.
Language arts and disciplines	6.99	n.a.	n.a.	n.a.	2	13.25	189.6	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.
Literary collections	n.a.	1	7.95	n.a.	1	5.95	n.a.	1	7.95	n.a.	2	5.95	n.a.

Table 6 / U.S. Mass Market Paperback Books: Average Prices and Price Indexes, 2009–2012 (cont.)

Index Base: 2005 = 100

BISAC Category	2005	2009 Final			2010 Final			2011 Final			2012 Preliminary		
	Average Prices	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index
Literary criticism	7.95	1	7.99	100.5	1	7.99	100.5	1	9.99	125.7	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.
Medical	7.83	n.a.	n.a.	n.a.	1	8.99	114.8	n.a.	n.a.	n.a.	1	8.99	114.8
Music	7.95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	7.95	n.a.	n.a.	n.a.	n.a.
Nature	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	7.99	n.a.
Performing arts	8.23	1	9.99	121.4	1	9.99	121.4	2	8.99	109.2	1	9.99	121.4
Pets	n.a.	n.a.	n.a.	n.a.	1	7.99	n.a.	1	7.99	n.a.	n.a.	n.a.	n.a.
Philosophy	7.49	n.a.	n.a.	n.a.	2	6.47	86.4	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.
Poetry	5.75	5	6.95	120.9	1	7.95	138.3	1	7.95	138.3	2	7.45	129.6
Political science	n.a.	1	5.95	n.a.	2	7.97	n.a.	1	5.95	n.a.	n.a.	n.a.	n.a.
Psychology	7.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	7.99	100.3	n.a.	n.a.	n.a.
Reference	6.85	3	7.66	111.8	1	7.99	116.6	2	7.99	116.6	3	8.31	121.3
Religion	9.96	3	6.98	70.1	2	7.99	80.2	3	7.99	80.2	2	7.49	75.2
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.
Self-help	12.45	2	7.99	64.2	1	7.99	64.2	1	7.99	64.2	1	7.99	64.2
Social science	7.08	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	9.99	141.1
Sports and recreation	7.62	3	6.99	91.7	1	7.99	104.9	1	7.99	104.9	1	7.99	104.9
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.
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.
Transportation	12.95	1	14.00	108.1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Travel	n.a.	1	4.95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
True crime	7.19	52	7.47	103.9	54	7.64	106.3	44	7.83	108.9	38	8.31	115.6
Young adult	6.46	96	7.63	118.1	83	8.13	125.9	47	8.48	131.3	55	9.04	139.9
Totals	\$6.34	4,490	\$6.70	105.7	4,430	\$6.83	107.7	4,411	\$6.99	110.3	4,283	\$7.04	111.0

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

n.a. = not available

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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 the prices shot up again. The year 2011 saw the price remain relatively unchanged (-0.3 percent). As the number of titles treated has had a huge variation, it is not really possible to draw absolute conclusions about pricing trends in e-books at this time. The overall trend seems to indicate that prices are 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 of the wide swings in numbers of titles in the index from year to year.

The price index for textbooks (Table 4B) shows a 3.5 percent increase for overall prices between 2010 and 2011. This increase is smaller 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 may well be justified; prices appear to be much higher than those 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. The subjects with the highest price increases, as indicated by the 2011 data, were the social sciences and humanities. This may be due to increases in e-book publishing in these subject areas. STM publishers have tended to be early adopters and have been publishing e-books for a while. The large price increases in the social sciences and humanities reflect the availability of a lot more 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. Industrial arts and military science are small samples and showed very large price changes, but to conclude 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 industrial arts, for example, were due to two very expensive titles that showed up in the textbook and e-book price data. Since 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 indexing information for the years 2010 through 2012 (index base year of 1989), and also the percentage change between 2011 and 2012. Data for the index were compiled from 6,769 reviews of books published in *Choice*

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Table 7 / U.S. Paperback Books (Excluding Mass Market): Average Prices and Price Indexes, 2009–2012
Index Base: 2005 = 100

BISAC Category	2005	2009 Final			2010 Final			2011 Final			2012 Preliminary		
	Average Prices	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index
Antiques and collectibles	\$24.80	191	\$27.25	109.9	178	\$25.53	102.9	158	\$25.85	104.2	178	\$28.88	116.5
Architecture	38.90	692	44.89	115.4	752	45.31	116.5	739	42.71	109.8	633	40.68	104.6
Art	31.28	1,491	37.63	120.3	1,506	38.25	122.3	1,706	37.64	120.3	1,688	35.87	114.7
Bibles	36.87	307	40.67	110.3	430	38.66	104.9	755	41.08	111.4	632	45.07	122.2
Biography and autobiography	19.19	2,347	20.54	107.0	2,434	20.35	106.0	4,946	18.93	98.6	4,551	19.12	99.6
Body, mind and spirit	17.48	1,009	18.16	103.9	995	18.03	103.1	1,717	17.88	102.3	1,700	17.29	98.9
Business and economics	71.12	5,930	62.07	87.3	5,791	69.30	97.4	5,789	68.02	95.6	8,189	80.04	112.5
Children	11.11	9,716	10.91	98.2	8,612	10.42	93.8	9,474	11.05	99.5	9,364	12.37	111.3
Comics and graphic novels	12.75	2,173	15.42	120.9	1,863	16.11	126.4	3,415	16.24	127.4	2,180	16.31	127.9
Computers	57.01	3,795	97.47	171.0	3,460	70.42	123.5	3,495	71.41	125.3	3,629	78.09	137.0
Cooking	18.30	1,006	19.59	107.0	1,101	19.95	109.0	1,242	19.80	108.2	1,251	20.64	112.8
Crafts and hobbies	18.49	1,002	19.29	104.3	1,052	19.34	104.6	1,091	19.41	105.0	1,049	19.75	106.8
Design	32.87	397	37.00	112.6	440	63.98	194.6	414	42.72	130.0	384	40.67	123.7
Drama	16.40	581	21.70	132.3	739	18.95	115.5	559	18.80	114.6	565	18.50	112.8
Education	35.10	3,262	41.43	118.0	3,545	42.98	122.5	3,565	41.21	117.4	3,633	44.23	126.0
Family and relationships	17.10	884	19.63	114.8	782	18.72	109.5	1,288	17.87	104.5	1,185	18.05	105.6
Fiction	15.74	9,694	17.32	110.0	9,546	17.99	114.3	18,402	18.22	115.8	15,958	17.62	111.9
Foreign language study	41.90	977	32.31	77.1	1,280	31.33	74.8	1,247	36.30	86.6	1,090	39.27	93.7
Games	16.53	787	17.59	106.4	792	16.57	100.2	705	16.61	100.5	653	16.14	97.6
Gardening	20.59	256	20.96	101.8	241	23.45	113.9	249	23.33	113.3	231	23.03	111.9
Health and fitness	22.81	1,333	23.67	103.8	1,271	26.95	118.1	1,477	26.98	118.3	1,276	25.10	110.0
History	33.53	6,436	31.80	94.8	6,952	35.79	106.7	7,456	36.45	108.7	7,096	38.18	113.9
House and home	19.33	226	21.96	113.6	200	21.19	109.6	153	20.43	105.7	150	21.76	112.6

Humor	12.96	486	13.79	106.4	430	14.37	110.9	581	14.97	115.5	510	14.90	115.0
Language arts and disciplines	49.14	2,088	65.85	134.0	2,317	64.46	131.2	1,835	72.19	146.9	2,157	71.00	144.5
Law	60.92	2,711	75.41	123.8	3,179	72.07	118.3	3,220	70.43	115.6	3,045	71.30	117.0
Literary collections	28.07	581	35.01	124.7	672	36.42	129.7	541	29.36	104.6	473	32.49	115.7
Literary criticism	31.99	1,770	38.66	120.9	1,612	36.57	114.3	1,750	38.50	120.4	1,522	39.79	124.4
Mathematics	75.77	885	68.93	91.0	1,312	86.13	113.7	1,611	81.10	107.0	1,706	90.65	119.6
Medical	64.27	3,937	76.34	118.8	5,378	90.22	140.4	6,107	83.04	129.2	5,531	96.03	149.4
Music	22.66	2,975	23.22	102.5	3,020	22.83	100.8	2,837	24.53	108.3	2,586	24.62	108.6
Nature	26.90	613	27.02	100.4	565	37.28	138.6	586	35.86	133.3	604	33.11	123.1
Performing arts	27.85	934	33.65	120.8	1,030	33.53	120.4	938	32.40	116.3	952	36.19	129.9
Pets	18.86	299	19.01	100.8	249	17.34	91.9	235	18.70	99.2	211	18.85	99.9
Philosophy	31.40	1,465	34.33	109.3	1,391	52.66	167.7	1,587	42.41	135.1	1,503	45.15	143.8
Photography	27.74	539	31.13	112.2	546	31.30	112.8	541	32.14	115.9	522	31.09	112.1
Poetry	16.09	1,720	16.88	104.9	1,720	16.73	104.0	3,811	16.26	101.1	3,433	16.13	100.2
Political science	45.65	3,220	37.91	83.0	3,908	41.00	89.8	3,472	41.07	90.0	3,501	42.36	92.8
Psychology	45.74	1,256	43.08	94.2	1,578	47.98	104.9	1,685	53.84	117.7	1,807	60.12	131.4
Reference	52.54	1,307	90.69	172.6	1,057	84.85	161.5	1,217	89.01	169.4	1,214	99.58	189.5
Religion	20.54	6,052	21.31	103.7	6,955	22.08	107.5	8,639	20.58	100.2	8,728	21.07	102.6
Science	71.05	2,462	78.19	110.0	4,004	116.37	163.8	4,685	99.37	139.9	3,886	98.74	139.0
Self-help	16.36	1,047	17.84	109.0	1,121	17.84	109.0	2,043	17.31	105.8	2,371	16.64	101.7
Social science	36.83	3,998	42.51	115.4	4,270	45.05	122.3	4,013	43.93	119.3	4,551	47.78	129.7
Sports and recreation	21.82	1,259	23.39	107.2	1,315	22.30	102.2	1,310	24.79	113.6	1,178	23.24	106.5
Study aids	30.90	669	30.82	99.7	1,499	49.24	159.4	985	33.84	109.5	591	41.30	133.7
Technology and engineering	85.80	2,681	153.11	178.4	2,427	111.20	129.6	2,426	105.98	123.5	3,037	115.26	134.3
Transportation	40.19	459	36.61	91.1	507	36.26	90.2	458	36.76	91.5	411	34.73	86.4
Travel	19.18	2,852	20.51	106.9	2,585	20.93	109.1	2,513	19.82	103.3	2,171	19.96	104.1
True crime	17.71	156	19.00	107.3	195	20.94	118.2	227	19.00	107.3	197	19.18	108.3
Young adult	14.06	2,462	16.79	119.4	2,173	14.86	105.7	2,555	18.59	132.2	3,241	16.92	120.3
Totals	\$33.90	105,375	\$39.20	115.6	110,977	\$42.06	124.1	132,450	\$37.86	111.7	128,904	\$41.49	122.4

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

Table 7A / U.S. Audiobooks: Average Prices and Price Indexes, 2009–2012

Index Base: 2005 = 100

BISAC Category	2005	2009 Final			2010 Final			2011 Final			2012 Preliminary		
	Average Prices	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index
Antiques and collectibles	n.a.	1	\$74.95	n.a.	3	\$36.66	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Architecture	\$68.95	n.a.	n.a.	n.a.	4	41.24	59.8	3	\$39.97	58.0	2	\$32.45	47.1
Art	57.51	7	59.41	103.3	9	58.21	101.2	9	40.36	70.2	12	37.40	65.0
Bibles	47.08	9	75.53	160.4	7	43.28	91.9	10	44.49	94.5	23	48.76	103.6
Biography and autobiography	37.68	685	50.75	134.7	751	50.79	134.8	749	51.25	136.0	991	47.43	125.9
Body, mind and spirit	26.74	87	37.95	141.9	69	32.98	123.3	103	37.62	140.7	133	37.74	141.1
Business and economics	42.11	436	46.15	109.6	346	49.70	118.0	401	45.20	107.3	465	38.26	90.9
Children	26.57	832	36.22	136.3	899	37.80	142.3	978	34.74	130.7	1,215	32.89	123.8
Comics and graphic novels	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	29	19.99	n.a.	4	37.48	n.a.
Computers	41.39	5	46.99	113.5	2	45.00	108.7	12	53.99	130.4	4	42.73	103.2
Cooking	14.45	14	44.70	309.3	2	44.97	311.2	14	42.77	296.0	13	42.83	296.4
Crafts and hobbies	n.a.	4	38.72	n.a.	1	24.98	n.a.	n.a.	n.a.	n.a.	1	24.95	n.a.
Design	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3	57.30	n.a.
Drama	23.45	151	34.54	147.3	95	33.21	141.6	104	28.03	119.5	110	23.99	102.3
Education	27.46	22	45.34	165.1	20	45.71	166.5	34	44.04	160.4	35	36.00	131.1
Family and relationships	24.58	54	39.41	160.3	69	41.17	167.5	110	41.20	167.6	151	42.75	173.9
Fiction	41.47	6,278	52.62	126.9	7,649	50.38	121.5	7,174	48.19	116.2	11,167	42.10	101.5
Foreign language study	70.04	260	40.74	58.2	186	45.11	64.4	223	50.61	72.3	164	60.46	86.3
Games	32.68	6	14.12	43.2	n.a.	n.a.	n.a.	5	46.98	143.8	5	44.98	137.6
Gardening	n.a.	n.a.	n.a.	n.a.	6	47.82	n.a.	n.a.	n.a.	n.a.	5	31.99	n.a.
Health and fitness	26.61	82	46.09	173.2	85	43.09	161.9	110	47.00	176.6	89	44.10	165.7
History	41.61	450	57.69	138.6	563	58.07	139.6	446	59.36	142.7	598	50.56	121.5
House and home	25.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	34.95	139.8	3	55.32	221.3
Humor	29.60	79	42.37	143.1	95	36.62	123.7	103	40.46	136.7	81	33.36	112.7

Language arts and disciplines	60.84	18	46.65	76.7	13	38.34	63.0	38	44.87	73.8	25	46.05	75.7
Law	55.32	9	49.75	89.9	10	64.49	116.6	7	70.42	127.3	18	50.82	91.9
Literary collections	24.71	20	32.34	130.9	11	52.07	210.7	33	51.64	209.0	35	39.72	160.7
Literary criticism	26.41	20	42.43	160.7	18	42.53	161.0	188	30.59	115.8	95	33.38	126.4
Mathematics	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	24.95	n.a.	3	51.32	n.a.
Medical	153.72	13	60.66	39.5	28	40.13	26.1	24	45.74	29.8	24	48.56	31.6
Music	29.83	108	38.41	128.8	74	35.67	119.6	57	48.44	162.4	44	39.00	130.7
Nature	28.92	37	47.09	162.8	57	41.20	142.5	44	46.71	161.5	13	51.60	178.4
Performing arts	25.78	21	46.23	179.3	16	40.60	157.5	9	65.08	252.4	16	34.42	133.5
Pets	33.05	23	43.51	131.6	52	38.33	116.0	25	43.14	130.5	20	42.93	129.9
Philosophy	35.30	36	51.39	145.6	38	53.05	150.3	73	46.86	132.7	39	40.13	113.7
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.
Poetry	22.87	50	35.88	156.9	28	33.59	146.9	16	23.03	100.7	14	29.62	129.5
Political science	42.66	177	49.69	116.5	230	48.04	112.6	220	48.22	113.0	234	46.77	109.6
Psychology	35.70	54	52.13	146.0	46	45.42	127.2	91	48.58	136.1	79	40.23	112.7
Reference	21.20	7	40.55	191.3	2	59.99	283.0	19	42.62	201.0	11	35.44	167.2
Religion	26.52	418	33.50	126.3	425	33.94	128.0	465	31.81	119.9	569	32.81	123.7
Science	39.86	64	47.75	119.8	66	51.89	130.2	90	54.30	136.2	113	41.56	104.3
Self-help	23.58	289	38.30	162.4	192	39.43	167.2	197	41.65	176.6	369	36.42	154.5
Social science	35.73	79	50.36	140.9	90	48.07	134.5	102	48.64	136.1	118	43.27	121.1
Sports and recreation	28.46	41	45.78	160.9	58	48.48	170.3	38	45.51	159.9	40	43.38	152.4
Study aids	41.85	21	33.92	81.1	7	19.41	46.4	2	27.66	66.1	6	213.56	510.3
Technology and engineering	61.47	7	48.56	79.0	23	53.33	86.8	26	46.41	75.5	10	40.58	66.0
Transportation	28.00	3	36.66	130.9	7	46.28	165.3	1	24.95	89.1	7	46.27	165.3
Travel	41.91	15	51.57	123.0	47	50.96	121.6	20	61.17	146.0	49	35.65	85.1
True crime	35.97	45	50.69	140.9	37	52.58	146.2	36	50.04	139.1	79	44.69	124.2
Young adult	35.68	527	44.85	125.7	888	44.81	125.6	960	41.71	116.9	1,434	34.20	95.9
Totals	\$40.49	11,564	\$48.58	120.0	13,324	\$48.00	118.5	13,400	\$45.89	113.3	18,738	\$41.02	101.3

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, 2009–2012

Index Base: 2008 = 100

BISAC Category	2008	2010 Final			2011 Final			2012 Preliminary		
	Average Prices	Volumes	Average Prices	Index	Volumes	Average Prices	Index	Volumes	Average Prices	Index
Antiques and collectibles	\$55.97	62	\$30.24	54.0	229	\$21.46	38.3	166	\$34.71	62.0
Architecture	70.50	268	66.57	94.4	312	60.38	85.6	865	63.03	89.4
Art	45.41	199	41.56	91.5	729	16.89	37.2	1,231	23.92	52.7
Bibles	25.79	119	6.11	23.7	113	11.34	44.0	154	12.61	48.9
Biography and autobiography	14.58	1,828	15.47	106.1	3,824	10.23	70.2	6,309	20.20	138.5
Body, mind and spirit	12.41	628	13.95	112.4	1,378	11.54	93.0	2,200	14.39	116.0
Business and economics	57.52	5,603	44.82	77.9	7,198	40.64	70.7	11,296	45.39	78.9
Children	12.01	4,239	13.82	115.1	14,867	16.42	136.7	18,197	12.61	105.0
Comics and graphic novels	25.04	26	11.39	45.5	269	6.02	24.0	504	7.34	29.3
Computers	66.87	3,057	62.09	92.9	4,383	61.72	92.3	3,941	77.96	116.6
Cooking	20.20	715	16.79	83.1	1,561	12.42	61.5	1,892	12.78	63.3
Crafts and hobbies	14.35	340	17.63	122.9	785	15.26	106.3	804	12.09	84.3
Design	36.04	125	37.03	102.7	104	38.69	107.4	275	23.04	63.9
Drama	29.49	443	4.86	16.5	2,758	3.19	10.8	1,472	7.50	25.4
Education	51.98	1,537	45.95	88.4	1,787	50.25	96.7	3,368	51.45	99.0
Family and relationships	19.88	717	14.79	74.4	1,210	10.13	51.0	1,714	15.43	77.6
Fiction	8.71	18,043	7.06	81.1	56,776	4.83	55.5	73,848	12.07	138.6
Foreign language study	43.01	97	46.68	108.5	304	19.69	45.8	710	28.46	66.2
Games	17.73	120	12.85	72.5	324	10.79	60.9	377	9.53	53.8
Gardening	20.40	68	17.41	85.3	169	13.34	65.4	249	17.39	85.2
Health and fitness	18.54	920	18.78	101.3	1,988	13.20	71.2	2,286	15.45	83.3
History	57.53	2,641	48.20	83.8	4,163	33.22	57.7	8,467	35.52	61.7
House and home	22.89	121	21.57	94.2	187	14.90	65.1	209	13.27	58.0
Humor	11.27	322	11.15	98.9	619	7.53	66.8	1,052	13.04	115.7

Language arts and disciplines	93.27	582	75.61	81.1	1,075	59.54	63.8	1,747	53.41	57.3
Law	81.23	609	112.19	138.1	872	76.17	93.8	1,781	79.31	97.6
Literary collections	24.50	226	20.27	82.7	1,757	4.41	18.0	1,397	10.74	43.8
Literary criticism	86.62	608	87.17	100.6	936	50.59	58.4	2,214	39.76	45.9
Mathematics	106.16	801	112.32	105.8	1,332	95.28	89.8	1,623	77.92	73.4
Medical	135.21	1,575	135.71	100.4	4,299	100.28	74.2	4,815	103.25	76.4
Music	33.83	331	32.65	96.5	4,390	14.12	41.7	9,723	7.10	21.0
Nature	59.76	370	59.48	99.5	527	32.10	53.7	757	40.52	67.8
Performing arts	38.06	474	32.17	84.5	863	26.70	70.2	1,134	34.73	91.3
Pets	15.91	176	14.50	91.1	581	11.17	70.2	624	16.04	100.8
Philosophy	79.19	598	71.43	90.2	948	44.17	55.8	2,016	42.23	53.3
Photography	30.30	202	27.23	89.9	387	18.19	60.0	463	23.84	78.7
Poetry	13.66	332	9.54	69.8	1,807	5.73	41.9	1,548	8.33	61.0
Political science	59.03	1,427	59.74	101.2	2,208	43.34	73.4	4,483	46.75	79.2
Psychology	65.30	914	56.42	86.4	2,139	49.01	75.1	2,578	50.07	76.7
Reference	48.33	646	22.92	47.4	788	19.77	40.9	811	46.43	96.1
Religion	27.29	2,874	27.81	101.9	5,669	17.29	63.4	8,004	18.93	69.4
Science	210.57	2,915	155.80	74.0	3,634	131.61	62.5	5,357	108.63	51.6
Self-help	14.15	746	14.06	99.4	2,497	8.10	57.2	3,943	14.01	99.0
Social science	69.42	1,513	56.83	81.9	2,240	53.61	77.2	4,029	60.29	86.8
Sports and recreation	22.44	643	19.22	85.7	1,223	17.09	76.2	1,858	19.81	88.3
Study aids	21.95	305	13.94	63.5	859	9.20	41.9	398	44.59	203.1
Technology and engineering	153.73	2,618	158.44	103.1	2,831	123.20	80.1	3,829	112.50	73.2
Transportation	35.47	97	33.12	93.4	193	19.12	53.9	286	26.90	75.8
Travel	15.61	1,223	15.84	101.5	2,745	9.10	58.3	3,148	9.49	60.8
True crime	11.60	210	10.37	89.4	321	8.81	75.9	496	17.21	148.4
Young adult	8.83	1,892	11.96	135.4	2,821	21.47	243.1	4,465	15.85	179.5
Totals	\$57.38	67,145	\$41.61	72.5	155,979	\$24.48	42.7	215,113	\$28.16	49.1

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

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during 2012; expensive titles (\$500 or more) were omitted from the analysis, thus the total number of titles reported is smaller than the number reviewed. As with the North American Academic Books: Average Prices and Price Indexes data (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 prices for books for the years 2010 through 2012 in each *Choice* subject category.

The average price for humanities titles in 2012 increased by 3.09 percent over the previous year. The average price for science and technology titles increased at the faster rate of 5.38 percent, and the average price for social and behavioral sciences titles increased by 2.29 percent. Calculated separately, reference books for 2012 showed a 6.49 percent decrease over the previous year. For all titles, there was a 2.14 percent average price increase for 2012, and a 75 percent average price increase since 1989.

For 2012 the overall average price for books in the humanities, sciences, and social and behavioral sciences (including reference books) was \$70.80, an increase of 2.14 percent over the average 2011 book price of \$69.32. Reference books calculated separately had an average price decrease of 6.49 percent over the previous year, with a 2012 average price of \$125.76 compared with last year's average price of \$134.49. Excluding reference books, the 2012 average price was \$67.09, a 3.09 percent increase compared with the average 2011 price of \$65.08.

Questions regarding this index should be addressed to the author: Frederick Lynden, Retired Director, Scholarly Communication and Library Research, Brown University Library, Providence, RI 02912 (e-mail flynden@stanfordalumni.org).

Foreign Prices

During 2012 the dollar continued its decline against the Canadian dollar, British pound sterling, and the euro. The dollar regained some strength against the Japanese yen. The dollar's overall decline may be reflected in book and serials pricing.

Dates	12/31/08*	12/31/09*	12/31/10*	12/31/11*	12/31/12*
Canada	1.1910	1.0510	1.0200	1.0180	0.9950
Euro	0.7310	0.6950	0.7700	0.7650	0.7590
U.K.	0.6570	0.6160	0.6400	0.6370	0.6180
Japan	92.6500	92.3900	83.8300	78.0000	6.1600

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

Serials Prices

Average Price of Serials (Table 8), compiled by Stephen Bosch, provides 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.

Table 8 covers prices for periodicals and serials for a five-year period, 2009 through 2013. The 2013 pricing is the actual renewal pricing for 2013 for serials that were indexed in the selected products. This table is derived from pricing data supplied by EBSCO Subscription Services and reflects broad pricing changes aggregated from titles that are indexed in the five major products mentioned above. The USPPI (Table 1) is based on price changes seen in a static set of approximately 3,700 serials titles, while Table 8 is based on a much broader set of more than 10,000 titles. Due to the fact that every year titles fall off and new titles are added to the indexes on which Table 8 is based, there may be differences in the figures presented in this table when compared with those published in previous years. 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.

The most important trend seen in this data is that after the modest increase of 4.1 percent between 2009 and 2010, increases in prices have remained fairly constant since the economic recovery began. Price increases hovered around 5.8 percent annually since 2010. The respite in price increases seen in 2010 appears over. Libraries were very vocal about not being able to sustain high rates of inflation, and in 2010 price increases moderated significantly, but since then rates have continued to climb to just under 6 percent.

Another interesting trend is that science areas do not dominate the list of subjects with the largest price increases. The subject areas that displayed large increases were quite varied. Education, health sciences, and library science saw higher increases than most areas. 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 \$4,296 and \$3,834, respectively. Although these STM titles are not inflating at high rates, the impact of a 5.0 percent increase on a \$4,000 title is much higher than a 9 percent increase on a \$300 title.

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 naval science (about 43 titles) showed price changes of 11.0 percent, 11.1 percent, 5.4 percent, and 1.6 percent between 2009 and 2013. Librarians are encouraged to look at an average price change over the period (military and naval science averaged 7.3 percent) or the overall number for the price study (5.9 percent) to calculate inflation rates. Year-to-year price changes are too unstable to be used for this purpose.

(text continues on page 433)

Table 8 / Average Price of Serials, Based on Titles in Select Serial Indices: 2009–2013

Subject	LC Class	2009		2010			2011			2012			2013		
		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	270	\$966	272	\$1,019	5.5%	276	\$1,072	5.2%	276	\$1,128	5.2%	276	\$1,212	7.4%
Anthropology	GN	83	407	85	420	3.3	88	445	6.0	88	469	5.3	88	500	6.8
Arts and architecture	N	161	236	168	254	7.5	170	271	6.6	170	285	5.1	171	303	6.4
Astronomy	QB	46	1,883	46	2,001	6.3	47	2,084	4.2	47	2,213	6.2	47	2,294	3.7
Biology	QH	794	2,037	798	2,140	5.1	798	2,269	6.0	799	2,395	5.6	801	2,517	5.1
Botany	QK	88	1,518	88	1,612	6.2	90	1,705	5.8	91	1,780	4.4	91	1,890	6.2
Business and economics	HA-HJ	782	691	796	725	4.8	798	777	7.2	801	821	5.6	806	871	6.0
Chemistry	QD	287	3,511	289	3,660	4.3	295	3,901	6.6	296	4,091	4.9	296	4,296	5.0
Education	L	417	452	416	479	5.9	419	513	7.1	418	542	5.7	419	590	8.7
Engineering	T	688	1,728	689	1,820	5.3	690	1,935	6.3	692	2,045	5.7	693	2,171	6.2
Food science	TX	61	777	62	823	5.9	62	881	7.1	62	934	6.0	63	988	5.8
General science	Q	137	966	141	1,007	4.2	144	1,080	7.2	146	1,151	6.6	148	1,193	3.7
General works	A	212	123	215	130	5.4	214	138	5.8	214	143	3.6	214	150	5.2
Geography	G-GF	168	909	170	958	5.4	168	1,020	6.5	171	1,068	4.7	173	1,139	6.6
Geology	QE	122	1,459	123	1,528	4.7	117	1,640	7.3	117	1,739	6.0	121	1,825	4.9
Health sciences	R	1,892	1,058	1,891	1,112	5.1	1,908	1,188	6.8	1,915	1,268	6.7	1,919	1,369	8.0
History	C,D,E,F	594	262	621	280	6.9	627	298	6.5	629	316	6.1	629	336	6.3
Language and literature	P	605	236	640	260	10.3	675	276	6.2	673	291	5.5	675	312	7.2

Law	K	196	304	212	334	9.9	219	350	4.9	220	372	6.4	220	392	5.3
Library science	Z	130	334	130	353	5.8	134	365	3.4	133	383	4.9	128	417	8.9
Math and computer science	QA	347	1,360	347	1,416	4.1	359	1,488	5.1	359	1,570	5.5	359	1,594	1.5
Military and naval science	U,V	45	287	42	319	11.0	42	354	11.1	42	373	5.4	43	379	1.6
Music	M	96	182	98	190	4.4	99	199	4.9	99	210	5.3	101	223	6.3
Philosophy and religion	B-BD, BH-BX	333	270	380	292	8.1	386	311	6.8	387	330	6.0	394	345	4.5
Physics	QC	309	3,184	313	3,296	3.5	316	3,410	3.5	311	3,653	7.1	316	3,834	5.0
Political science	J	176	484	181	506	4.6	185	542	7.3	185	574	5.9	186	608	5.9
Psychology	BF	272	627	278	665	6.1	279	712	7.1	278	746	4.8	281	789	5.7
Recreation	QV	74	242	73	261	7.8	73	284	8.9	75	304	7.0	75	326	7.4
Social sciences	H	107	496	110	511	2.9	111	534	4.6	111	560	4.9	113	586	4.7
Sociology	HM-HX	573	550	583	582	6.0	587	626	7.5	587	662	5.7	590	705	6.5
Technology	TA-TT	124	1,091	123	1,169	7.2	126	1,235	5.7	126	1,303	5.4	126	1,383	6.2
Zoology	QL	170	1,348	176	1,400	3.8	179	1,456	4.0	179	1,539	5.7	179	1,615	5.0
Totals		10,359	\$1,025	10,556	\$1,067	4.1	10,681	\$1,129	5.8	10,697	\$1,195	5.8%	10,741	\$1,265	5.9

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 9 / British Academic Books: Average Prices and Price Indexes 2009–2012
Index Base: 2009 = 100

Subject	LC Class	2009		2010		2011		2012			
		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	140	53.96	154	63.97	177	58.83	183	69.29	17.8%	128.4
Anthropology	GN	109	53.60	154	50.85	111	59.74	145	45.73	-23.5	85.3
Botany	QK	22	145.94	45	66.08	39	85.29	45	97.50	14.3	66.8
Business and economics	H-HJ	2,439	59.12	2,874	61.09	1,690	63.89	2,022	76.41	19.6	129.2
Chemistry	QD	88	101.14	96	105.68	87	116.07	144	155.82	34.2	154.1
Education	L	386	49.70	558	52.21	456	52.98	547	64.36	21.5	129.5
Engineering and technology	T	716	65.60	655	65.73	639	81.66	830	72.68	-11.0	110.8
Fine and applied arts	M, N	762	39.71	1,037	37.00	949	44.63	1,092	45.84	2.7	115.4
General works	A	15	76.73	30	60.03	24	69.50	26	78.67	13.2	102.5
Geography	G-GF, GR-GT	233	50.98	660	64.95	294	52.61	276	63.48	20.7	124.5
Geology	QE	41	53.80	33	52.28	35	57.97	51	79.33	36.8	147.5
History	C,D,E,F	1,572	41.01	1,822	48.13	1,586	48.51	1,794	49.65	2.4	121.1
Home economics	TX	59	39.02	46	30.48	34	48.40	47	61.06	26.2	156.5
Industrial arts	TT	21	24.32	41	28.47	42	36.62	42	25.47	-30.4	104.7
Law	K	1,117	76.13	1,153	83.10	1,159	78.79	1,312	87.74	11.4	115.3
Library and information science	Z	98	60.32	100	53.58	104	61.51	105	65.96	7.2	109.4
Literature and language	P	2,928	34.77	3,987	31.58	3,526	32.71	3,966	37.34	14.2	107.4
Mathematics and computer science	QA	216	49.30	207	48.29	245	55.79	266	54.93	-1.5	111.4
Medicine	R	1,110	48.50	1,182	55.12	1,177	55.02	1,280	55.88	1.6	115.2
Military and naval sciences	U, V	112	83.99	184	38.00	133	45.16	126	51.55	14.1	61.4
Philosophy and religion	B	1,091	46.45	1,336	45.24	1,151	48.30	1,590	53.98	11.8	116.2
Physics and astronomy	QB, QC	196	54.54	214	59.69	215	62.78	240	64.83	3.3	118.9
Political Science	J	621	59.74	737	71.88	671	62.95	797	69.98	11.2	117.1
Psychology	BF	195	44.46	265	39.69	264	46.77	297	50.93	8.9	114.6
Science (general)	Q	55	42.12	69	36.32	60	51.05	72	72.50	42.0	172.1
Sociology	HM-HX	153	74.17	208	70.13	1,069	62.67	1,195	53.58	-14.5	72.2
Sports & Recreation	GV	181	30.90	192	36.76	145	46.83	202	56.70	21.1	183.5
Zoology	QH, QL-QR	326	66.20	373	72.30	370	81.77	434	69.83	-14.6	105.5
Total, All Books		15,432	52.91	18,490	51.97	16,452	59.60	19,126	65.39	9.7	123.6

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

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Book Prices

British Academic Books (Table 9), now compiled by George Aulisio, indicates the average prices and price indexes from 2009 through 2012 with the percent of change from 2011 to 2012. This index is compiled using data from YBP U.K. 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 index does not include e-book prices.

British academic book production has considerably increased from the previous year's steep drop. In 2011 there were 16,452 new British academic books, an 11.02 percent decrease from the 18,490 British academic books profiled in 2010. In 2012 there were 19,126 British academic books profiled, which is the largest output recorded by this list and a 16.25 percent increase from 2011. This large increase may be attributable to YBP U.K. now profiling titles published by The Stationery Office (http://www.ybp.com/book_price_update.html).

The average price in pounds of a British academic book went from £59.60 in 2011 to £65.39 in 2012, an increase of 9.7 percent. Though a relatively steep increase, this is slightly lower than the increase seen from 2009 to 2010, which was 14.7 percent. The 2012 increase of 9.7 percent outpaces the United Kingdom's Consumer Price Index which, according to the Office of National Statistics, was at 2.7 percent inflation in December 2012 (<http://www.ons.gov.uk>). The lower 9.7 percent increase is not attributable to the low average cost of titles published by The Stationery Office as these books were not included in the price calculation.

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 the 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, Frederick C. Lynden, and editor Narda Tafuri.