




**Cost of Ink Per Page Analysis  
United States**

**January 2008**

Includes ink cartridge pricing provided by  **IDC**

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## Summary and Scope of Analysis

For more than 20 years, QualityLogic Inc. has been a premier developer and provider of essential testing solutions to companies that design, build, or purchase printers and printing technology. Our products and services help our customers understand how the products they make or buy conform to specifications, or compare to reference implementations or competing products. We are active members of international standards organizations including ISO and Ecma International, and provide testing assistance to leading technology publications who publish printer reviews.

At the request of Eastman Kodak Company, QualityLogic calculated and compared the Cost of Ink Per Page (CoIPP) of the EASYSHARE 5100, 5300 and 5500 All-in-One Printers to 15 competing printers selected by Kodak. Kodak's intent was to select printers with significant market share from leading manufacturers.

Monochrome and color cartridge yields for all printers were determined following ISO yield standards, and photo yields were determined using QualityLogic's photo yield methodology\*.

Ink prices for printers in the test were provided to QualityLogic by IDC\*\*, a premier global provider of market intelligence. IDC provided the manufacturer's suggested retail price (MSRP) for each of the cartridges in the test. Kodak provided cartridge pricing for their printers. For this report, only standard as-shipped-in-box cartridges or the standard-yield ink cartridges in single quantity pricing (i.e no multi-packs, high yield, combo packs, value packs or special promotions) were evaluated for the purpose of making like-basis comparisons between all printers.

Although there are many factors in total cost of ownership, Cost of Ink Per Page (CoIPP) is an important factor when evaluating total cost of ownership with printer systems.

Cost of Ink Per Page was calculated by dividing these cartridge prices by the yield of each cartridge in the test.

\* All references of 'photo' in this report refer to 4x6 inch (approximately 10 x 15 cm) borderless photos.

\*\* IDC believes that the list pricing information provided is accurate; however, it is not responsible for any errors, inaccuracies, or variances caused by changes made outside of its defined survey period (November 2007).

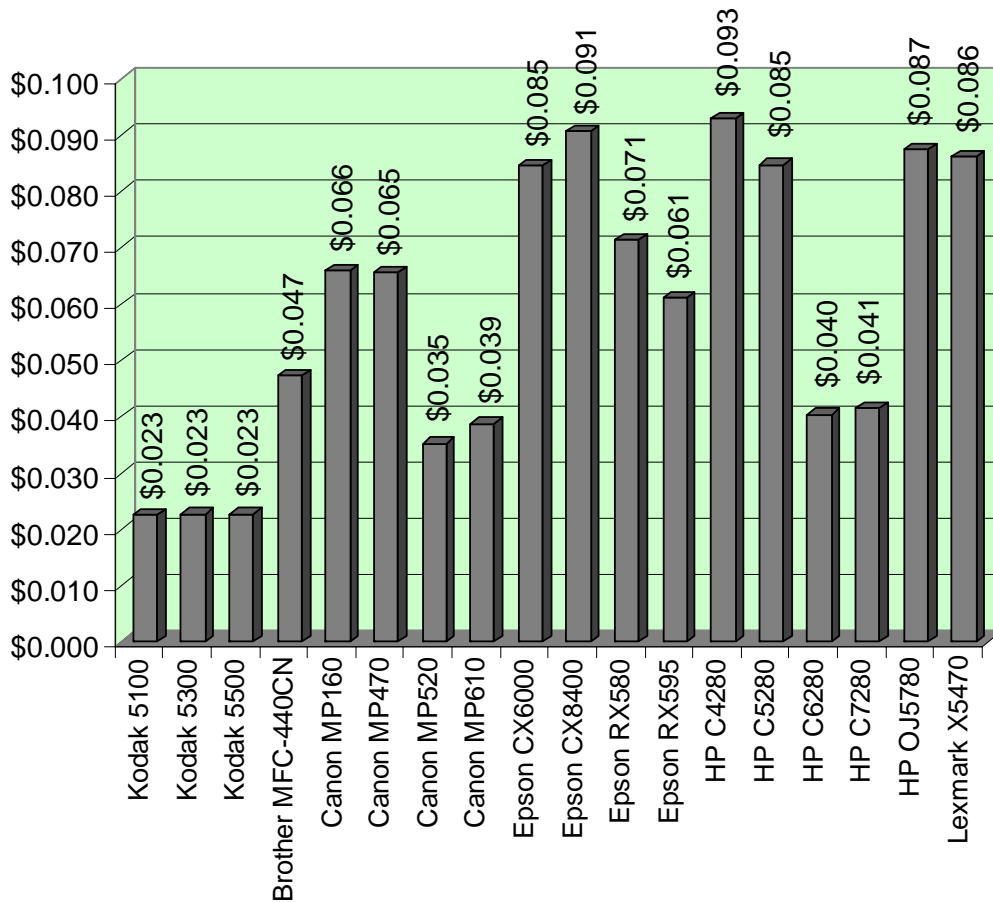
The following printers and corresponding ink cartridges were included in this Cost of Ink Per Page analysis:

<b>Company</b>	<b>Printer</b>	<b>Cartridges</b>
Kodak	EASYSHARE 5100	3J8965, 3J8966
	EASYSHARE 5300	3J8965, 3J8966
	EASYSHARE 5500	3J8965, 3J8966
Brother	MFC-440CN	LC51BK, LC51C, LC51M, LC51Y
Canon	Canon Pixma MP160	PG-40, CL-41
	Canon Pixma MP470	PG-40, CL-41
	Canon Pixma MP520	PGI-5, CLI-8C, CLI-8M, CLI-8Y,
	Canon Pixma MP610	PGI-5, CLI-8C, CLI-8M, CLI-8Y, CLI-8Bk
Epson	Epson Stylus CX6000 Epson Stylus CX8400 Epson Stylus RX580	T069120, T069220, T069320, T069420 T069120, T069220, T069320, T069420 T078120, T078220, T078320, T078420, T078520, T078620
	Epson Stylus Photo RX595	T078120, T078220, T078320, T078420, T078520, T078620
Hewlett-Packard	Photosmart C4280	HP74, HP75
	Photosmart C5280	HP74, HP75
	Photosmart C6280	HP02 C8771WN, HP02 C8773WN, HP02 C8772WN, HP02 C8774WN, HP02 C8775WN HP02 C8721WN
	Photosmart C7280	HP02 C8771WN, HP02 C8773WN, HP02 C8772WN, HP02 C8774WN, HP02 C8775WN HP02 C8721WN
	OfficeJet J5780	HP74, HP75
Lexmark	X5470	18C0032, 18C0033

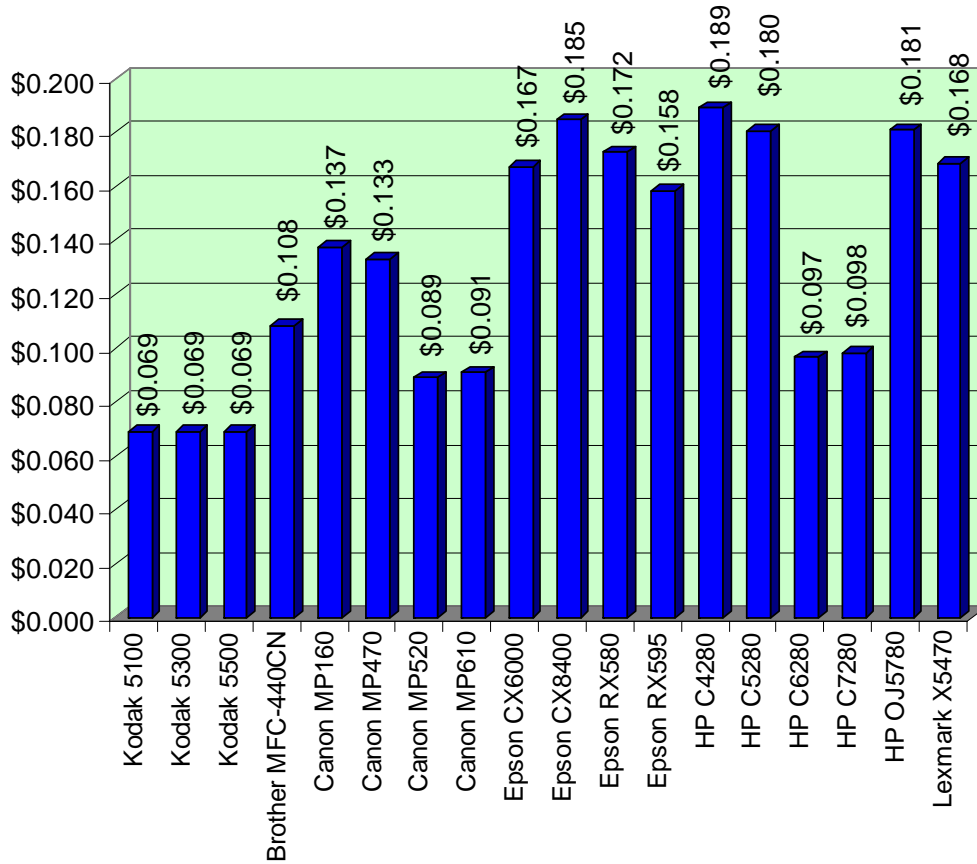
## Cost of Ink Per Page

The following charts summarize the Cost of Ink Per Page for the printers tested using cartridge prices from The United States. There are three charts presented: separate charts for monochrome, color and photo printing. Details of how these costs were calculated can be found in the "Methodology for Calculation of Cost of Ink Per Page" following these graphs.

### United States: Mono - Cost of Ink Per Page

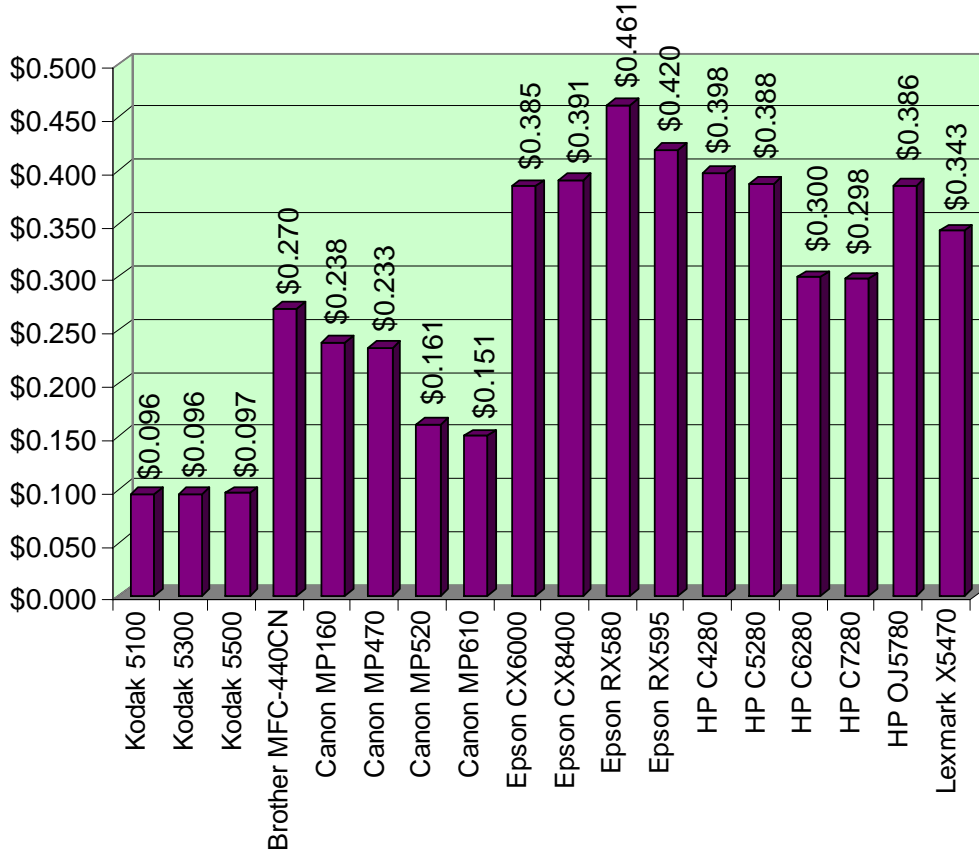


## United States: Color - Cost of Ink Per Page



Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

## United States: Photo - Cost of Ink Per Page



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## Methodology for Calculation of Cost of Ink Per Page

The following is a step-by-step outline of how QualityLogic, using standardized yield testing methodologies and standard pricing information provided by IDC, executed this 'Cost of Ink Per Page' test for Kodak.

### A. QualityLogic Yield Declarations

Yield testing is a process by which the target printers are operated with their ink or toner cartridges to exhaust the amount of ink/toner, and then pages printed are counted to determine the number of pages each cartridge yields. The requirements and operating conditions of such testing are determined by a standard set of testing criteria that will provide an objective and repeatable result.

QualityLogic is a leader worldwide in providing yield testing services. We support and follow the ISO (International Standards Organization) standards for mono and color testing. Use of using the ISO standards for yield testing is also supported by leading manufacturers, including Canon, Dell, Epson, HP, IBM, Kodak, Lexmark, Oki Data, Pitney Bowes, Ricoh, Toshiba, Xerox, and others.

ISO is currently working on a standard for photo ink. Until this standard is released, QualityLogic uses a methodology we developed that closely follows the current ISO standards approach.

Key provisions of these standards include:

- Standard test suites
- Minimum of nine cartridges across three printers representative of products in open market
- Clear, objective end-of-life criteria
- Controlled test environment – temperature, humidity, continuous printing
- Yield reporting requirement well defined

The following pages contain tables that relate to yield testing results. The tables show the number of pages per cartridge that can be expected with 90 percent confidence based on our testing. Numbers in black indicate primary cartridges – any cartridge where a minimum of nine cartridges across three printers could be exhausted. Supplemental cartridges are indicated by red numbers and represent those cartridges that are secondary to the purpose of the test. Although supplemental cartridges are not the key focus in the tests as shown, they are included in the test reports to ensure we get a complete understanding of the ink being used.

Generally, the 'primary' cartridges for each category of testing are:

- Mono ink – the black cartridge
- Color ink – all full density cartridges containing cyan, magenta, or yellow
- Photo ink – color cartridges or others where nine cartridges were exhausted

QualityLogic performed yield tests and provided yield test reports for all cartridges for models listed below (with some of the same models also available in Europe and in North America). Each table has abbreviated sub-headings that represent the specific ink cartridge types as follows:

- CMY = A single cartridge containing cyan, magenta and yellow \*
- C = Cyan
- M = Magenta
- Y = Yellow
- K1 = Black
- K2 = A second black cartridge
- LC = Light cyan
- LM = Light magenta

These yield numbers apply to printers included in this analysis. Yields of primary and supplemental cartridges are reported, and the details of these results can be found in Appendix C.

	Mono Ink yield							
	CMY	C	M	Y	K1	K2	LC	LM
Kodak 5100	3747				537			
Kodak 5300	3753				536			
Kodak 5500	3741				535			
Brother MFC-440CN		7898	9450	8982	548			
Canon MP160	2411				360			
Canon MP470	2588				358			
Canon MP520		7052	6506	8799	552			
Canon MP610		6090	5188	7027	536	10606		
Epson CX6000		1080	1371	1616	301			
Epson CX8400		1424	2257	2158	240			
Epson RX580		2912	3746	3164	338		2264	2262
Epson RX595		3307	2926	5037	378		3197	3862
HP C4280	979				201			
HP C5280	1016				224			
HP C6280		1402	813	1323	1504		15204	13302
HP C7280		1421	804	1306	1389		14765	14293
HP OJ5780	1529				198			
Lexmark X5470	2504				287			

\* Kodak's color cartridge includes black ink and protective ink

	Color Ink yield							
	CMY	C	M	Y	K1	K2	LC	LM
Kodak 5100	378				342			
Kodak 5300	378				342			
Kodak 5500	376				342			
Brother MFC-440CN		648	530	671	528			
Canon MP160	324				332			
Canon MP470	333				346			
Canon MP520		909	683	673	519			
Canon MP610		907	687	689	517	6090		
Epson CX6000		440	287	451	248			
Epson CX8400		349	263	395	239			
Epson RX580		976	489	459	308		427	607
Epson RX595		1038	497	581	349		380	766
HP C4280	166				186			
HP C5280	169				203			
HP C6280		411	393	488	728		11956	11827
HP C7280		411	383	483	713		12126	11632
HP OJ5780	178				188			
Lexmark X5470	272				274			

\* Kodak's color cartridge includes black ink and protective ink

	Photo Ink yield							
	CMY	C	M	Y	K1	K2	LC	LM
Kodak 5100	167				1695			
Kodak 5300	167				1663			
Kodak 5500	166				1472			
Brother MFC-440CN		132	152	157	6134			
Canon MP160	110				1786			
Canon MP470	113				1637			
Canon MP520		347	239	261	2623			
Canon MP610		390	281	331	2211	1095		
Epson CX6000		99	94	120	645			
Epson CX8400		93	92	120	812			
Epson RX580		362	245	177	315		97	114
Epson RX595		390	298	205	448		102	112
HP C4280	47				1002			
HP C5280	48				1154			
HP C6280		289	323	146	892		142	133
HP C7280		306	326	152	775		141	134
HP OJ5780	49				811			
Lexmark X5470	71				4378			

\* Kodak's color cartridge includes black ink and protective ink

## B. Ink Cartridge Pricing

Cartridge prices used in this Cost of Ink Per Page analysis were researched and provided to QualityLogic by IDC as of November 2007. IDC's methodology for data collection used the manufacturer's website for each country. Only standard as-shipped-in-box cartridges or the standard-yield ink cartridges in single quantity pricing (i.e., no multi-packs, high yield, combo packs, value packs or special promotions) were evaluated for the purpose of making like-basis comparisons between all printers. Below is the summary of the ink cartridges and their individual prices.

	Ink Cartridge Pricing							
	CMY	C	M	Y	K1	K2	LC	LM
Kodak 5100	\$14.99				\$9.99			
Kodak 5300	\$14.99				\$9.99			
Kodak 5500	\$14.99				\$9.99			
Brother MFC-440CN		\$12.99	\$12.99	\$12.99	\$23.49			
Canon MP160	\$24.99				\$19.99			
Canon MP470	\$24.99				\$19.99			
Canon MP520		\$14.25	\$14.25	\$14.25	\$16.25			
Canon MP610		\$14.25	\$14.25	\$14.25	\$16.25	\$14.25		
Epson CX6000		\$12.34	\$12.34	\$12.34	\$16.99			
Epson CX8400		\$12.34	\$12.34	\$12.34	\$16.99			
Epson RX580		\$12.99	\$12.99	\$12.99	\$16.14		\$12.99	\$12.99
Epson RX595		\$12.99	\$12.99	\$12.99	\$16.14		\$12.99	\$12.99
HP C4280	\$17.99				\$14.99			
HP C5280	\$17.99				\$14.99			
HP C6280		\$9.99	\$9.99	\$9.99	\$17.99		\$9.99	\$9.99
HP C7280		\$9.99	\$9.99	\$9.99	\$17.99		\$9.99	\$9.99
HP OJ5780	\$17.99				\$14.99			
Lexmark X5470	\$23.99				\$21.99			

Source: IDC

### C. Cost of Ink Per Page – Per Cartridge

QualityLogic then calculated the Cost of Ink Per Page per cartridge by dividing the price of each cartridge (as defined by IDC’s localized cartridge price, noted above in Section B) by the yield for each cartridge in each model (as defined above in Section A). This calculation results in the Cost of Ink Per Page per cartridge for each test mode: mono, color and photo.

$$\frac{\text{Price per cartridge}}{\text{Ink yield (in number of pages/photos)}} = \text{Cost of Ink Per Page – per cartridge}$$

#### Cost of Ink Per Individual Cartridge per Page

	Mono Ink Cost							
	CMY	C	M	Y	K1	K2	LC	LM
Kodak 5100	\$0.004				\$0.019			
Kodak 5300	\$0.004				\$0.019			
Kodak 5500	\$0.004				\$0.019			
Brother MFC-440CN		\$0.002	\$0.001	\$0.001	\$0.043			
Canon MP160	\$0.010				\$0.056			
Canon MP470	\$0.010				\$0.056			
Canon MP520		\$0.002	\$0.002	\$0.002	\$0.029			
Canon MP610		\$0.002	\$0.003	\$0.002	\$0.030	\$0.001		
Epson CX6000		\$0.011	\$0.009	\$0.008	\$0.056			
Epson CX8400		\$0.009	\$0.005	\$0.006	\$0.071			
Epson RX580		\$0.004	\$0.003	\$0.004	\$0.048		\$0.006	\$0.006
Epson RX595		\$0.004	\$0.004	\$0.003	\$0.043		\$0.004	\$0.003
HP C4280	\$0.018				\$0.075			
HP C5280	\$0.018				\$0.067			
HP C6280		\$0.007	\$0.012	\$0.008	\$0.012		\$0.001	\$0.001
HP C7280		\$0.007	\$0.012	\$0.008	\$0.013		\$0.001	\$0.001
HP OJ5780	\$0.012				\$0.076			
Lexmark X5470	\$0.010				\$0.077			

### Cost of Ink Per individual Cartridge per Page

	Color Ink cost							
	CMY	C	M	Y	K1	K2	LC	LM
Kodak 5100	\$0.040				\$0.029			
Kodak 5300	\$0.040				\$0.029			
Kodak 5500	\$0.040				\$0.029			
Brother MFC-440CN		\$0.020	\$0.025	\$0.019	\$0.044			
Canon MP160	\$0.077				\$0.060			
Canon MP470	\$0.075				\$0.058			
Canon MP520		\$0.016	\$0.021	\$0.021	\$0.031			
Canon MP610		\$0.016	\$0.021	\$0.021	\$0.031	\$0.002		
Epson CX6000		\$0.028	\$0.043	\$0.027	\$0.069			
Epson CX8400		\$0.035	\$0.047	\$0.031	\$0.071			
Epson RX580		\$0.013	\$0.027	\$0.028	\$0.052		\$0.030	\$0.021
Epson RX595		\$0.013	\$0.026	\$0.022	\$0.046		\$0.034	\$0.017
HP C4280	\$0.108				\$0.081			
HP C5280	\$0.106				\$0.074			
HP C6280		\$0.024	\$0.025	\$0.020	\$0.025		\$0.001	\$0.001
HP C7280		\$0.024	\$0.026	\$0.021	\$0.025		\$0.001	\$0.001
HP OJ5780	\$0.101				\$0.080			
Lexmark X5470	\$0.088				\$0.080			

	Photo Ink Cost							
	CMY	C	M	Y	K1	K2	LC	LM
Kodak 5100	\$0.090				\$0.006			
Kodak 5300	\$0.090				\$0.006			
Kodak 5500	\$0.090				\$0.007			
Brother MFC-440CN		\$0.098	\$0.085	\$0.083	\$0.004			
Canon MP160	\$0.227				\$0.011			
Canon MP470	\$0.221				\$0.012			
Canon MP520		\$0.041	\$0.060	\$0.055	\$0.006			
Canon MP610		\$0.037	\$0.051	\$0.043	\$0.007	\$0.013		
Epson CX6000		\$0.125	\$0.131	\$0.103	\$0.026			
Epson CX8400		\$0.133	\$0.134	\$0.103	\$0.021			
Epson RX580		\$0.036	\$0.053	\$0.073	\$0.051		\$0.134	\$0.114
Epson RX595		\$0.033	\$0.044	\$0.063	\$0.036		\$0.127	\$0.116
HP C4280	\$0.383				\$0.015			
HP C5280	\$0.375				\$0.013			
HP C6280		\$0.035	\$0.031	\$0.068	\$0.020		\$0.070	\$0.075
HP C7280		\$0.033	\$0.031	\$0.066	\$0.023		\$0.071	\$0.075
HP OJ5780	\$0.367				\$0.018			
Lexmark X5470	\$0.338				\$0.005			

Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

## D. Cost of Ink Per Page

Cost of Ink Per Page for each printer is calculated by summing the Cost of Ink Per Page per cartridge for each cartridge tested in a given printer model (as determined above in Section C).

$$\text{Cost of Ink Per Page} = \text{CMY} + \text{C} + \text{M} + \text{Y} + \text{K1} + \text{K2} + \text{LC} + \text{LM}$$

The Cost of Ink Per Page per printer is reflected below. Note that, due to rounding, the total CoIPP may not match the individual ink cartridge costs.

### Cost of Ink Per Individual Cartridge and Total Cost of Ink Per Page

	Mono Ink Cost								Mono CoIPP
	CMY	C	M	Y	K1	K2	LC	LM	
Kodak 5100	\$0.004				\$0.019				\$0.023
Kodak 5300	\$0.004				\$0.019				\$0.023
Kodak 5500	\$0.004				\$0.019				\$0.023
Brother MFC-440CN		\$0.002	\$0.001	\$0.001	\$0.043				\$0.047
Canon MP160	\$0.010				\$0.056				\$0.066
Canon MP470	\$0.010				\$0.056				\$0.065
Canon MP520		\$0.002	\$0.002	\$0.002	\$0.029				\$0.035
Canon MP610		\$0.002	\$0.003	\$0.002	\$0.030	\$0.001			\$0.039
Epson CX6000		\$0.011	\$0.009	\$0.008	\$0.056				\$0.085
Epson CX8400		\$0.009	\$0.005	\$0.006	\$0.071				\$0.091
Epson RX580		\$0.004	\$0.003	\$0.004	\$0.048		\$0.006	\$0.006	\$0.071
Epson RX595		\$0.004	\$0.004	\$0.003	\$0.043		\$0.004	\$0.003	\$0.061
HP C4280	\$0.018				\$0.075				\$0.093
HP C5280	\$0.018				\$0.067				\$0.085
HP C6280		\$0.007	\$0.012	\$0.008	\$0.012		\$0.001	\$0.001	\$0.040
HP C7280		\$0.007	\$0.012	\$0.008	\$0.013		\$0.001	\$0.001	\$0.041
HP OJ5780	\$0.012				\$0.076				\$0.087
Lexmark X5470	\$0.010				\$0.077				\$0.086

## Cost of Ink Per Individual Cartridge and Total Cost of Ink Per Page

	Color Ink cost								Color
	CMY	C	M	Y	K1	K2	LC	LM	CoIPP
Kodak 5100	\$0.040				\$0.029				\$0.069
Kodak 5300	\$0.040				\$0.029				\$0.069
Kodak 5500	\$0.040				\$0.029				\$0.069
Brother MFC-440CN		\$0.020	\$0.025	\$0.019	\$0.044				\$0.108
Canon MP160	\$0.077				\$0.060				\$0.137
Canon MP470	\$0.075				\$0.058				\$0.133
Canon MP520		\$0.016	\$0.021	\$0.021	\$0.031				\$0.089
Canon MP610		\$0.016	\$0.021	\$0.021	\$0.031	\$0.002			\$0.091
Epson CX6000		\$0.028	\$0.043	\$0.027	\$0.069				\$0.167
Epson CX8400		\$0.035	\$0.047	\$0.031	\$0.071				\$0.185
Epson RX580		\$0.013	\$0.027	\$0.028	\$0.052		\$0.030	\$0.021	\$0.172
Epson RX595		\$0.013	\$0.026	\$0.022	\$0.046		\$0.034	\$0.017	\$0.158
HP C4280	\$0.108				\$0.081				\$0.189
HP C5280	\$0.106				\$0.074				\$0.180
HP C6280		\$0.024	\$0.025	\$0.020	\$0.025		\$0.001	\$0.001	\$0.097
HP C7280		\$0.024	\$0.026	\$0.021	\$0.025		\$0.001	\$0.001	\$0.098
HP OJ5780	\$0.101				\$0.080				\$0.181
Lexmark X5470	\$0.088				\$0.080				\$0.168

	Photo Ink Cost								Photo
	CMY	C	M	Y	K1	K2	LC	LM	CoIPP
Kodak 5100	\$0.090				\$0.006				\$0.096
Kodak 5300	\$0.090				\$0.006				\$0.096
Kodak 5500	\$0.090				\$0.007				\$0.097
Brother MFC-440CN		\$0.098	\$0.085	\$0.083	\$0.004				\$0.270
Canon MP160	\$0.227				\$0.011				\$0.238
Canon MP470	\$0.221				\$0.012				\$0.233
Canon MP520		\$0.041	\$0.060	\$0.055	\$0.006				\$0.161
Canon MP610		\$0.037	\$0.051	\$0.043	\$0.007	\$0.013			\$0.151
Epson CX6000		\$0.125	\$0.131	\$0.103	\$0.026				\$0.385
Epson CX8400		\$0.133	\$0.134	\$0.103	\$0.021				\$0.391
Epson RX580		\$0.036	\$0.053	\$0.073	\$0.051		\$0.134	\$0.114	\$0.461
Epson RX595		\$0.033	\$0.044	\$0.063	\$0.036		\$0.127	\$0.116	\$0.420
HP C4280	\$0.383				\$0.015				\$0.398
HP C5280	\$0.375				\$0.013				\$0.388
HP C6280		\$0.035	\$0.031	\$0.068	\$0.020		\$0.070	\$0.075	\$0.300
HP C7280		\$0.033	\$0.031	\$0.066	\$0.023		\$0.071	\$0.075	\$0.298
HP OJ5780	\$0.367				\$0.018				\$0.386
Lexmark X5470	\$0.338				\$0.005				\$0.343

Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

## Contact Information

For information regarding this Cost of Ink Per Page Analysis, please contact the following person/s:

**QualityLogic:**



Dave Jollota  
Chief Operating Officer  
Phone: +1-805-531-9030 x22  
[djollota@qualitylogic.com](mailto:djollota@qualitylogic.com)

Bridgeman Carney  
General Manager, Services  
Phone: +1-805-558-5097  
[bcarney@qualitylogic.com](mailto:bcarney@qualitylogic.com)  
Address: 5401 Tech Circle, Moorpark, CA, 93021-1793 USA

**IDC:**



Brian Clarke  
Vice President, Pricing and Leasing Evaluation IDC  
Phone: +1-508- 935-4765  
Fax: +1-508-935-4015  
[bclarke@idc.com](mailto:bclarke@idc.com)  
Address: 5 Speen Street, Framingham, MA, 01701 USA

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## Appendices

## **Appendix A: QualityLogic Declared Yield Test Results**

The following data was extracted from the Yield Reports for each product tested. Complete reports are available from QualityLogic upon request.

# ISO Test Results - Summary

## Test Methodology

In order to obtain these yield results, two different methodologies were used in combination with three test suites. This section will detail the common areas between the methodologies, the differences between them, and highlight some key terms from ISO/IEC 24711, 24712, and 19752 that are particularly important to understand when reviewing these yield claims.

### Common Methodology and Definitions

Number of Printers Tested	Minimum of three
Number of Cartridges Tested	Minimum of nine of each color
Temperature	Testing room average 23.0°C ± 2°C with all running average temperatures between 20.0°C and 26.0°C
Humidity	Testing room average 50% ± 10% RH with all running average RH readings between 35% and 65%
Fade	Phenomenon in which a significant reduction in uniformity occurs due to ink depletion
Ink Out	Signal generated by the printing system when the usable ink in the system is depleted and the printer stops printing
End of Life (EOL)	A condition determined by one of two mechanisms: fade or ink out (only if ink out stops printing)
Semi-Continuous Printing	Printing in a continuous manner, pausing only for intra-job servicing, printer calibrations, paper changes, breaks, and end of work days
Declared Cartridge Yield	Cartridge Yield (in pages) that is at or below the lower 90% confidence bound of the average yield
Estimated Supplemental Cartridge Yield	Estimated yield for a supplemental cartridge (real or estimated with use of a proxy) calculated with at least three cartridges
Average Supplemental Cartridge Yield	Average yield for a supplemental cartridge where EOL was reached on at least nine cartridges (three per printer)
Proxy Cartridge	A primary cartridge of the same physical size as a supplemental cartridge which had a starting weight within +/- 10% of the supplemental cartridge starting weight.

**Mono Ink Methodology and Definitions –  
In accordance with ISO/IEC 24711, ISO/IEC 19752**

Test Suite	ISO/IEC 19752
Driver Set-up*	See Color Ink Methodology. In addition, if a “Black Only” or “Text Only” mode was available in the driver, it was enabled.
Paper	A4 or 8 ½" x 11" (see individual test reports)
Semi-Continuous Printing	Each copy of the test suite was printed as a separate one-page print job allowing for some intra-job servicing and calibration to take place
Primary Cartridge	The black cartridge or, if no black cartridge was present, the color cartridges that were used to develop composite black.
Supplemental Cartridge	Any installed cartridge except the full density black cartridge, including the full density Cyan, Magenta, and Yellow cartridges, as well as any photo cartridges
Individual Cartridge Yield	The number of test pages printed between cartridge installation and end of life

**Color Ink Methodology and Definitions –  
In accordance with ISO/IEC 24711, ISO IEC 24712**

Test Suite	ISO/IEC 24712
Driver Set-up*	All image and print quality modifiers were set to their factory pre-set configuration for the printer and default installed condition for the driver. If auto media detection was available on the printer, it was disabled and media-type set to plain paper.
Paper	A4 or 8 ½" by 11" (see individual test reports)
Semi-Continuous Printing	Each copy of the test suite was printed as a separate five-page print job allowing for some intra-job servicing and calibration to take place
Primary Cartridge	Cartridge containing full density black, cyan, magenta, or yellow, or a combination of full density cyan, magenta and yellow.
Supplemental Cartridge	Cartridge other than the full density cyan, magenta, yellow and black cartridges
Individual Cartridge Yield	Value determined by counting the number of diagnostic pages (last page of the test page suite) printed between cartridge installation and end of life, and multiplying by five

**Photo Ink Methodology and Definitions –  
In accordance with QualityLogic Color Photo Cartridge Yield Test  
Methodology**

Test Suite	QualityLogic Color Photo Suite
Driver Set-up*	The highest print quality mode readily available in the driver was used
Paper	The best photo paper recommended by each manufacturer. A4 or 8 ½" x 11" papers were used to print a borderless 4" x 6" (approximately 10 x 15 cm) photo. (See individual test reports)
Semi-Continuous Printing	Each copy of the test suite was printed as a separate 10-page print job allowing for some intra-job servicing and calibration to take place
Primary Cartridge	Cyan, Magenta, Yellow and Photo cartridges or any cartridges containing these colors were considered as primary cartridges. In addition, any other cartridge that exhausted nine or more cartridges during the execution of nine of the above cartridges was considered as primary.
Supplemental Cartridge	Any cartridge installed in the printer while printing photos that did not meet the definition of a primary cartridge was considered a supplemental cartridge
Individual Cartridge Yield	The number of test pages printed between cartridge installation and end of life

The following data was extracted from the Yield Reports for each product tested – complete reports are available upon request.

<b>Printer Identifier</b>	<b>Kodak EASYSHARE 5500</b>
Printer Manufacturer	Kodak
Cartridge Identifier	3J8965 & 3J8966
Cartridge Type	Separate ink supply and print head
Date Tested	July 10, 2007 to July 19, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness, 20lb. weight
Driver version	Driver Version = 04/03/2007,2.5.119.0 The following driver settings were used: Print Quality = Normal Paper Size = Letter Using the 19752 Mono test page, the setting in the Advanced Tab "Print Colors as: Black and White" was selected.

**Declaration of Yield**

**Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5500:**

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield – Up to 342 standard pages
- Average Color Cartridge Yield – Up to 376 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield – Up to 535 standard pages
- Estimated supplemental Color Cartridge Yield Up to 3,741 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

**ISO 24712**

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8965	K (Black)	346	342	9/15
3J8966	Color	383	376	9/12

**ISO 19752**

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8965	K (Black)	536	535	21/21
3J8966*	Color	3,755	3,741	3/3

\* Denotes supplemental cartridge

Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

<b>Printer Identifier</b>	<b>Kodak EASYSHARE 5500</b>
Printer Manufacturer	Kodak
Cartridge Identifier	3J8965 & 3J8966
Cartridge Type	Separate ink supply and print head
Date Tested	July 19, 2007 to July 20, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	Ultra Premium Photo Paper – Kodak
Driver version	Driver Version = 04/03/2007,2.5.119.0 The following driver settings were used: Print Quality = Normal Paper Size = Letter No settings were available in the driver for Photo printing.

**Declaration of Yield**

**Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5500:**

Using the QualityLogic Color Photo test suite provides the following results:

Average Color Cartridge Yield – Up to 166 standard pages

Estimated supplemental K (Black) Cartridge Yield – Up to 1,472 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

**QualityLogic Color Photo Suite**

<b>Cartridge Identifier</b>	<b>Color</b>	<b>Average (pages)</b>	<b>90% Lower Confidence (pages)</b>	<b>Number used in calculations/test</b>
3J8966	Color	167	166	9/9
3J8965*	K (Black)	1,700	1,472	3/3

\* Denotes supplemental cartridge

Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

<b>Printer Identifier</b>	<b>Kodak EASYSHARE 5300</b>
Printer Manufacturer	Kodak
Cartridge Identifier	3J8965 & 3J8966
Cartridge Type	Separate ink supply and print head
Date Tested	April 18, 2007 to April 24, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness, 20lb. weight
Driver version	Driver Version = 04/03/2007,2.5.119.0 The following driver settings were used: Print Quality = Normal Paper Size = Letter Using the 19752 Mono test page, the setting in the Advanced Tab "Print Colors as: Black and White" was selected.

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5300:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield: Up to 342 standard pages

Average Color Cartridge Yield: Up to 378 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield: Up to 536 standard pages

Estimated supplemental Color Cartridge Yield: Up to 3,753 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8965	K (Black)	347	342	9/12
3J8966	Color	385	378	9/9

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8965	K (Black)	537	536	21/21
3J8966*	Color	3,758	3,753	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Kodak EASYSHARE 5300</b>
Printer Manufacturer	Kodak
Cartridge Identifier	3J8965 & 3J8966
Cartridge Type	Separate ink supply and print head
Date Tested	May 3, 2007 to May 4, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	Ultra Premium Photo Paper - Kodak
Driver version	Driver Version = 04/03/2007,2.5.119.0 The following driver settings were used: Print Quality = Normal Paper Size = Letter No settings were available in the driver for Photo printing.

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5300:

Using the QualityLogic Color Photo Suite:

Average Color Cartridge Yield: Up to 167 standard pages

Estimated supplemental K (Black) Cartridge Yield: Up to 1663 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8966	Color	167	167	9/9
3J8965*	K (Black)	1,911	1,663	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Kodak EASYSHARE 5100</b>
Printer Manufacturer	Kodak
Cartridge Identifier	3J8965 & 3J8966
Cartridge Type	Separate ink supply and print head
Date Tested	April 18, 2007 to April 24, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness, 20lb. weight
Driver version	Driver Version = 04/03/2007,2.5.119.0 The following driver settings were used: Print Quality = Normal Paper Size = Letter Using the 19752 Mono test page, the setting in the Advanced Tab "Print Colors as: Black and White" was selected.

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5100:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield – Up to 342 standard pages

Average Color Cartridge Yield – Up to 378 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield – Up to 537 standard pages

Estimated supplemental Color Cartridge Yield – Up to 3,747 standard pages

Values obtained by continuous printing. Declared yield values in accordance with ISO/IEC 24711

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8965	K (Black)	347	342	9/12
3J8966	Color	385	378	9/9

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8965	K (Black)	539	537	21/21
3J8966*	Color	3,773	3,747	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Kodak EASYSHARE 5100</b>
Printer Manufacturer	Kodak
Cartridge Identifier	3J8965 & 3J8966
Cartridge Type	Separate ink supply and print head
Date Tested	May 4, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	Ultra Premium Photo Paper - Kodak
Driver version	Driver Version = 04/03/2007,2.5.119.0 The following driver settings were used: Print Quality = Normal Paper Size = Letter No settings were available in the driver for Photo printing.

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5100:

Using the QualityLogic Color Photo test suite provides the following results:

Average Color Cartridge Yield – Up to 167 standard pages

Estimated supplemental K (Black) Cartridge Yield – Up to 1,695 standard pages

Values obtained by continuous printing. Declared yield values in accordance with QualityLogic Color Photo Yield Test Methodology

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8966	Color	167	167	9/9
3J8965*	K (Black)	1,730	1,695	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Brother MFC-440CN</b>
Printer Manufacturer	Brother
Cartridge Identifier	LC51
Cartridge Type	Separate ink supply and print head
Date Tested	October 10, 2007 to October 24, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	The driver was downloaded from Brother's Service and Support web site. Driver Version= Version 5.02 for Windows 2000/XP 05 Apr 2006 The drivers default settings were used for testing.

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Brother MFC-440CN:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield – Up to 528 standard pages
- Average Cyan Cartridge Yield – Up to 648 standard pages
- Average Yellow Cartridge Yield – Up to 671 standard pages
- Average Magenta Cartridge Yield – Up to 530 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield – Up to 548 standard pages
- Estimated supplemental Cyan Cartridge Yield – Up to 7,898 standard pages
- Estimated supplemental Yellow Cartridge Yield – Up to 8,982 standard pages
- Estimated supplemental Magenta Cartridge Yield – Up to 9,450 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
LC51BK	K (Black)	554	528	9/12
LC51C	Cyan	674	648	9/11
LC51Y	Yellow	691	671	9/9
LC51M	Magenta	537	530	9/12

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
LC51BK	K (Black)	568	548	9/9
LC51C*	Cyan	8,445	7,898	3/3
LC51Y*	Yellow	9,678	8,982	3/3
LC51M*	Magenta	9,900	9,450	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Brother MFC-440CN</b>
Printer Manufacturer	Brother
Cartridge Identifier	LC51
Cartridge Type	Separate ink supply and print head
Date Tested	October 1, 2007 to October 9, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	Innobella™ Premium Glossy Photo Paper (BP61GLL)
Driver version	The driver was downloaded from Brother's Service and Support web site. Driver Version= Version 5.02 for Windows 2000/XP 05 Apr 2006 The following driver settings were changed from default: Media Type = Changed to Brother Premium Glossy Photo Paper from Plain Paper Quality = Changed to Photo from Normal

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Brother MFC-440CN:

Using the QualityLogic Color Photo Suite:

- Average Cyan Cartridge Yield – Up to 132 standard pages
- Average Yellow Cartridge Yield – Up to 157 standard pages
- Average Magenta Cartridge Yield – Up to 152 standard pages
- Estimated supplemental K (Black) Cartridge Yield – Up to 6,134 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
LC51C	Cyan	137	132	9/15
LC51Y	Yellow	161	157	9/12
LC51M	Magenta	156	152	9/15
LC51BK*	K (Black)	8,530	6,134	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Canon PIXMA MP160</b>
Printer Manufacturer	Canon
Cartridge Identifier	PG-40, CL-41
Cartridge Type	Integral ink supply and print head
Date Tested	January 30, 2007 to February 5, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness, 20lb. weight
Driver version	Driver Version = 05/11/2006 The following default driver settings were used: Paper = Plain Quality = Standard

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP160:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield: Up to 332 standard pages

Average Tri-color Cartridge Yield: Up to 324 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield: Up to 360 standard pages

Estimated supplemental Tri-color Cartridge Yield: Up to 2,411 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PG-40	K (Black)	349	332	9/12
CL-41	Tri-color	333	324	9/15

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PG-40	K (Black)	370	360	9/9
CL-41*	Tri-color	2,548	2,411	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Canon PIXMA MP160</b>
Printer Manufacturer	Canon
Cartridge Identifier	PG-40, CL-41
Cartridge Type	Integral ink supply and print head
Date Tested	February 6, 2007 to February 7, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	PP-101, Photo Paper Plus Glossy
Driver version	Driver Version = 05/11/2006 The following driver settings were used: Print Quality = High Paper Type = Photo Paper Plus Glossy

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP160:

Using the QualityLogic Color Photo Suite:

Average Tri-color Cartridge Yield: Up to 110 standard pages

Estimated supplemental K (Black) Cartridge Yield: Up to 1,786 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
CL-41	Tri-color	113	110	9/9
PG-40*	K (Black)	1,808	1,786	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Canon PIXMA MP470</b>
Printer Manufacturer	Canon
Cartridge Identifier	PG-40, CL-41
Cartridge Type	Integral ink supply and print head
Date Tested	October 16, 2007 to October 18, 2007
EOL Criteria	Fade was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	DriverVer=04/02/2007, 2.10.2.30 The driver default settings were used for testing.

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP470:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield – Up to 346 standard pages

Average Tri-color Cartridge Yield – Up to 333 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield – Up to 358 standard pages

Estimated supplemental Tri-color Cartridge Yield – Up to 2,588 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PG-40	K (Black)	351	346	9/12
CL-41	Tri-color	339	333	9/15

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PG-40	K (Black)	364	358	9/9
CL-41*	Tri-color	2,763	2,588	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Canon PIXMA MP470</b>
Printer Manufacturer	Canon
Cartridge Identifier	PG-40, CL-41
Cartridge Type	Integral ink supply and print head
Date Tested	October 18, 2007 to October 19, 2007
EOL Criteria	Fade was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	Canon Photo Paper Plus Glossy, PP-101
Driver version	DriverVer=04/02/2007, 2.10.2.30 The following driver settings were changed from default: Media Type = Changed to Photo Paper Plus Glossy from Plain Paper Print Quality = Changed to High from Standard

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP470:

Using the QualityLogic Color Photo Suite:

Average Tri-color Cartridge Yield – Up to 113 standard pages

Estimated supplemental K (Black) Cartridge Yield – Up to 1,637 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
CL-41	Tri-color	115	113	9/9
PG-40*	K (Black)	1,697	1,637	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Canon PIXMA MP520</b>
Printer Manufacturer	Canon
Cartridge Identifier	PGI-5, CLI-8C, CLI-8M, CLI-8Y
Cartridge Type	Separate ink supply and print head
Date Tested	October 16, 2007 to October 31, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	DriverVer=05/22/2007, 2.11.2.20 The driver default settings were used for testing.

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP520:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield – Up to 519 standard pages
- Average Cyan Cartridge Yield – Up to 909 standard pages
- Average Yellow Cartridge Yield – Up to 673 standard pages
- Average Magenta Cartridge Yield – Up to 683 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield – Up to 552 standard pages
- Estimated supplemental Cyan Cartridge Yield – Up to 7,052 standard pages
- Estimated supplemental Yellow Cartridge Yield – Up to 8,799 standard pages
- Estimated supplemental Magenta Cartridge Yield – Up to 6,506 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PGI-5BK	K (Black)	528	519	15/21
CLI-8C	Cyan	933	909	9/12
CLI-8Y	Yellow	694	673	10/16
CLI-8M	Magenta	702	683	9/15

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PGI-5BK	K (Black)	560	552	9/9
CLI-8C*	Cyan	7,284	7,052	3/3
CLI-8Y*	Yellow	8,896	8,799	3/3
CLI-8M*	Magenta	6,643	6,506	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Canon PIXMA MP520</b>
Printer Manufacturer	Canon
Cartridge Identifier	PGI-5, CLI-8C, CLI-8M, CLI-8Y
Cartridge Type	Separate ink supply and print head
Date Tested	October 16, 2007 to October 31, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	Canon Photo Paper Plus Glossy, PP-101
Driver version	DriverVer=05/22/2007, 2.11.2.20 The following driver settings were changed from default: Print Quality = Changed to High from Standard Media Type = Changed to Photo Paper Plus Glossy from Plain Paper

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP520:

Using the QualityLogic Color Photo Suite:

- Average Cyan Cartridge Yield – Up to 347 standard pages
- Average Yellow Cartridge Yield – Up to 261 standard pages
- Average Magenta Cartridge Yield – Up to 239 standard pages
- Estimated supplemental K (Black) Cartridge Yield – Up to 2,623 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
CLI-8C	Cyan	354	347	9/9
CLI-8Y	Yellow	266	261	11/14
CLI-8M	Magenta	243	239	12/15
PGI-5BK*	K (Black)	2,931	2,623	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Canon PIXMA MP610</b>
Printer Manufacturer	Canon
Cartridge Identifier	PGI-5, CLI-8C, CLI-8M, CLI-8Y, CLI-8Bk
Cartridge Type	Separate ink supply and print head
Date Tested	October 10, 2007 to October 16, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	DriverVer=04/16/2007, 2.10.2.40 The drivers default settings were used for testing.

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP610:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black 5) Cartridge Yield – Up to 517 standard pages
- Average Cyan Cartridge Yield – Up to 907 standard pages
- Average Yellow Cartridge Yield – Up to 689 standard pages
- Average Magenta Cartridge Yield – Up to 687 standard pages
- Estimated supplemental K (Black 8) Cartridge Yield – Up to 6,090 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black 5) Cartridge Yield – Up to 536 standard pages
- Estimated supplemental Cyan Cartridge Yield – Up to 6,090 standard pages
- Estimated supplemental Yellow Cartridge Yield – Up to 7,027 standard pages
- Estimated supplemental Magenta Cartridge Yield – Up to 5,188 standard pages
- Estimated supplemental K (Black 8) Cartridge Yield – Up to 10,606 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PGI-5	K (Black 5)	524	517	15/18
CLI-8C	Cyan	928	907	9/9
CLI-8Y	Yellow	703	689	9/12
CLI-8M	Magenta	700	687	11/12
CLI-8Bk*	K (Black 8)	6,303	6,090	3/3

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
PGI-5	K (Black 5)	547	536	9/9
CLI-8C*	Cyan	6,294	6,090	3/3
CLI-8Y*	Yellow	7,655	7,027	3/3
CLI-8M*	Magenta	5,478	5,188	3/3
CLI-8Bk*	K (Black 8)	11,618	10,606	3/3

\* Denotes supplemental cartridge

Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

<b>Printer Identifier</b>	<b>Canon PIXMA MP610</b>
Printer Manufacturer	Canon
Cartridge Identifier	PGI-5, CLI-8C, CLI-8M, CLI-8Y, CLI-8Bk
Cartridge Type	Separate ink supply and print head
Date Tested	October 2, 2007 to October 10, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	Canon Photo Paper Plus Glossy, PP-101
Driver version	DriverVer=04/16/2007, 2.10.2.40 The following driver settings were changed from default: Media Type = Changed to Photo Paper Plus Glossy from Plain Paper Print Quality = Changed to High from Standard

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Canon PIXMA MP610:

Using the QualityLogic Color Photo Suite:

- Average Cyan Cartridge Yield – Up to 390 standard pages
- Average Yellow Cartridge Yield – Up to 331 standard pages
- Average Magenta Cartridge Yield – Up to 281 standard pages
- Estimated supplemental K (Black 8) Cartridge Yield – Up to 1,095 standard pages
- Estimated supplemental K (Black 5) Cartridge Yield – Up to 2,211 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
CLI-8C	Cyan	400	390	9/12
CLI-8Y	Yellow	336	331	9/15
CLI-8M	Magenta	286	281	12/18
CLI-8Bk*	K (Black 8)	1,173	1,095	3/6
PGI-5*	K (Black 5)	2,434	2,211	3/6

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Epson Stylus CX6000</b>
Printer Manufacturer	Epson
Cartridge Identifier	T069120, T069220, T069320, T069420
Cartridge Type	Separate ink supply and print head
Date Tested	January 30, 2007 to February 13, 2007 & July 11, 2007 to July 18, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness, 20lb. weight
Driver version	Driver Version = 06/08/2006, 5.51.00.00 The driver's default settings were used for color test: Print Quality = Text and Image Media Type = Plain The driver settings used for Mono testing were: Print Quality = Text Media Type = Plain

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus CX6000:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield: Up to 248 standard pages
- Average Cyan Cartridge Yield: Up to 440 standard pages
- Average Yellow Cartridge Yield: Up to 451 standard pages
- Average Magenta Cartridge Yield: Up to 287 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield: Up to 201 standard pages
- Estimated Supplemental Cyan Cartridge Yield: Up to 1,080 standard pages
- Estimated Supplemental Yellow Cartridge Yield: Up to 1,616 standard pages
- Estimated Supplemental Magenta Cartridge Yield: Up to 1,371 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T069120	K (Black)	253	248	9/12
T069220	Cyan	453	440	9/12
T069420	Yellow	462	451	9/12
T069320	Magenta	294	287	9/12

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T069120	K (Black)	311	301	9/9
T069220*	Cyan	1,336	1,080	3/3
T069420*	Yellow	1,986	1,616	3/3
T069320*	Magenta	1,715	1,371	3/3

\* Denotes supplemental cartridge

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<b>Printer Identifier</b>	<b>Epson Stylus CX6000</b>
Printer Manufacturer	Epson
Cartridge Identifier	T069120, T069220, T069320, T069420
Cartridge Type	Separate ink supply and print head
Date Tested	February 5, 2007 to February 7, 2007 & July 18, 2007 to July 23, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 1/2" x 11" photo paper
Media used	S041286, Premium Photo Paper Glossy
Driver version	Driver Version = 06/08/2006, 5.51.00.00 The following driver settings were used: Quality Option = Best Photo Paper Type = Premium Photo Paper Glossy

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus CX6000:

Using the QualityLogic Color Photo Suite:

Average Cyan Cartridge Yield: Up to 99 standard pages

Average Yellow Cartridge Yield: Up to 120 standard pages

Average Magenta Cartridge Yield: Up to 94 standard pages

Estimated supplemental K (Black) Cartridge Yield: Up to 645 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T069220	Cyan	107	99	9/12
T069420	Yellow	128	120	9/9
T069320	Magenta	100	94	9/12
T069120*	K (Black)	895	645	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Epson Stylus CX8400</b>
Printer Manufacturer	Epson
Cartridge Identifier	T069120, T069220, T069320, T069420
Cartridge Type	Separate ink supply and print head
Date Tested	October 18, 2007 to October 24, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	DriverVer=04/16/2007, 6.50.00.00 Color Ink test - The driver's default settings were used. Mono Ink Test - The following driver settings were changed from default: Quality Option = Changed to Text from Text & Image. The Black Ink Only option was enabled in the Advanced tab.

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus CX8400:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield – Up to 239 standard pages
- Average Cyan Cartridge Yield – Up to 349 standard pages
- Average Yellow Cartridge Yield – Up to 395 standard pages
- Average Magenta Cartridge Yield – Up to 263 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield – Up to 240 standard pages
- Estimated supplemental Cyan Cartridge Yield – Up to 1,424 standard pages
- Estimated supplemental Yellow Cartridge Yield – Up to 2,158 standard pages
- Estimated supplemental Magenta Cartridge Yield – Up to 2,257 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T069120	K (Black)	243	239	14/21
T069220	Cyan	373	349	9/15
T069420	Yellow	412	395	9/12
T069320	Magenta	274	263	12/18

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T069120	K (Black)	246	240	9/9
T069220*	Cyan	1,517	1,424	3/3
T069420*	Yellow	2,334	2,158	3/3
T069320*	Magenta	2,290	2,257	3/3

\* Denotes supplemental cartridge

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<b>Printer Identifier</b>	<b>Epson Stylus CX8400</b>
Printer Manufacturer	Epson
Cartridge Identifier	T069120, T069220, T069320, T069420
Cartridge Type	Separate ink supply and print head
Date Tested	October 25, 2007 to October 26, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	Epson Premium Photo Paper Glossy (S041286)
Driver version	DriverVer=04/16/2007, 6.50.00.00 The following driver settings were changed from default: Quality Option = Changed to Best Photo from Text & Image. Paper Type = Changed to Premium Photo Paper Glossy from Plain Paper / Bright White Paper

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus CX8400:

Using the QualityLogic Color Photo Suite:

- Average Cyan Cartridge Yield – Up to 93 standard pages
- Average Yellow Cartridge Yield – Up to 120 standard pages
- Average Magenta Cartridge Yield – Up to 92 standard pages
- Estimated supplemental K (Black) Cartridge Yield – Up to 812 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T069220	Cyan	103	93	10/13
T069420	Yellow	121	120	9/9
T069320	Magenta	94	92	10/13
T069120*	K (Black)	872	812	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Epson Stylus Photo RX580</b>
Printer Manufacturer	Epson
Cartridge Identifier	T078120, T078220, T078320, T078420, T078520, T078620
Cartridge Type	Separate ink supply and print head
Date Tested	January 22,2007 to January 30,2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Paper Size	Letter
Print mode used	Continuous
Media used	Xerox Business 4200, 92 Brightness, 20lb. weight
Driver version	Driver Version = 06/08/2006, 6.00.00.00 The driver's default setting was used: Paper = Plain Quality = Text

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus Photo RX580:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield: Up to 308 standard pages

Average Cyan Cartridge Yield: Up to 976 standard pages

Average Yellow Cartridge Yield: Up to 459 standard pages

Average Magenta Cartridge Yield: Up to 489 standard pages

Average supplemental Light Cyan Cartridge Yield: Up to 427 standard pages

Average supplemental Light Magenta Cartridge Yield: Up to 607 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield Up to 338 standard pages

Estimated supplemental Cyan Cartridge Yield: Up to 2,912 standard pages

Estimated supplemental Yellow Cartridge Yield: Up to 3,164 standard pages

Estimated supplemental Magenta Cartridge Yield: Up to 3,746 standard pages

Estimated supplemental Light Cyan Cartridge Yield: Up to 2,264 standard pages

Estimated supplemental Light Magenta Cartridge Yield: Up to 2,262 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T078120	K (Black)	321	308	26/36
T078220	Cyan	1,028	976	9/14
T078420	Yellow	474	459	18/25
T078320	Magenta	473	489	18/25
T078520*	Light Cyan	438	427	21/28
T078620*	Light Magenta	645	607	13/20

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T078120	K (Black)	348	338	11/11
T078220*	Cyan	3,205	2,912	3/3
T078420*	Yellow	3,407	3,164	3/3
T078320*	Magenta	4,110	3,746	3/3
T078520*	Light Cyan	2,485	2,264	3/3
T078620*	Light Magenta	2,497	2,262	3/3

\* Denotes supplemental cartridge

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<b>Printer Identifier</b>	<b>Epson Stylus Photo RX580</b>
Printer Manufacturer	Epson
Cartridge Identifier	T078120, T078220, T078320, T078420, T078520, T078620
Cartridge Type	Separate ink supply and print head
Date Tested	January 29, 2007 to February 6, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8" x 10" photo paper
Media used	SO41465, Premium Photo Paper Glossy
Driver version	Driver Version = 06/08/2006, 6.00.00.00 The following driver settings were used: Quality Option = Best Photo Paper Type = Premium Photo Paper Glossy Paper size = 8x10

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus Photo RX580:

Using the QualityLogic Color Photo Suite:

- Average K (Black) Cartridge Yield: Up to 315 standard pages
- Average Cyan Cartridge Yield: Up to 362 standard pages
- Average Yellow Cartridge Yield: Up to 177 standard pages
- Average Magenta Cartridge Yield: Up to 245 standard pages
- Average Light Cyan Cartridge Yield: Up to 97 standard pages
- Average Light Magenta Cartridge Yield: Up to 114 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T078120	K (Black)	325	315	9/12
T078220	Cyan	372	362	9/9
T078420	Yellow	181	177	18/21
T078320	Magenta	251	245	12/15
T078520	Light Cyan	99	97	26/35
T078620	Light Magenta	116	114	26/30

<b>Printer Identifier</b>	<b>Epson Stylus Photo RX595</b>
Printer Manufacturer	Epson
Cartridge Identifier	T078120, T078220, T078320, T078420, T078520, T078620
Cartridge Type	Separate ink supply and print head
Date Tested	October 2, 2007 to October 30, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	DriverVer=05/09/2007, 6.50.00.00 The drivers default settings were used for testing.

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus Photo RX595:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield – Up to 349 standard pages
- Average Cyan Cartridge Yield – Up to 1,038 standard pages
- Average Yellow Cartridge Yield – Up to 581 standard pages
- Average Magenta Cartridge Yield – Up to 497 standard pages
- Average supplemental Light Cyan Cartridge Yield – Up to 380 standard pages
- Average supplemental Light Magenta Cartridge Yield – Up to 766 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield – Up to 378 standard pages
- Estimated supplemental Cyan Cartridge Yield – Up to 3,307 standard pages
- Estimated supplemental Yellow Cartridge Yield – Up to 5,037 standard pages
- Estimated supplemental Magenta Cartridge Yield – Up to 2,926 standard pages
- Estimated supplemental Light Cyan Cartridge Yield – Up to 3,197 standard pages
- Estimated supplemental Light Magenta Cartridge Yield – Up to 3,862 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T078120	K (Black)	354	349	26/27
T078220	Cyan	1,057	1,038	9/9
T078420	Yellow	594	581	15/18
T078320	Magenta	506	497	18/21
T078520*	Light Cyan	385	380	24/27
T078620*	Light Magenta	780	766	12/15

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T078120	K (Black)	399	378	9/12
T078220*	Cyan	3,638	3,307	3/6
T078420*	Yellow	5,289	5,037	3/6
T078320*	Magenta	3,261	2,926	3/6
T078520*	Light Cyan	3,469	3,197	3/6
T078620*	Light Magenta	4,183	3,862	3/6

\* Denotes supplemental cartridge

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<b>Printer Identifier</b>	<b>Epson Stylus Photo RX595</b>
Printer Manufacturer	Epson
Cartridge Identifier	T078120, T078220, T078320, T078420, T078520, T078620
Cartridge Type	Separate ink supply and print head
Date Tested	October 5, 2007 to October 12, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	Epson Ultra Premium Photo Paper Glossy (S041935)
Driver version	DriverVer=05/09/2007, 6.50.00.00 The following driver settings were changed from default: Quality Option = Changed to Best Photo from Text. Paper Type = Changed to Ultra Premium Photo Paper Glossy from Plain Paper / Bright White Paper

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Epson Stylus Photo RX595:

Using the QualityLogic Color Photo Suite:

- Average Cyan Cartridge Yield – Up to 390 standard pages
- Average Yellow Cartridge Yield – Up to 205 standard pages
- Average Magenta Cartridge Yield – Up to 298 standard pages
- Average Light Cyan Cartridge Yield – Up to 102 standard pages
- Average Light Magenta Cartridge Yield – Up to 112 standard pages
- Estimated supplemental K (Black) Cartridge Yield – Up to 448 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
T078220	Cyan	397	390	9/9
T078420	Yellow	208	205	15/18
T078320	Magenta	304	298	9/12
T078520	Light Cyan	103	102	33/36
T078620	Light Magenta	113	112	30/33
T078120*	K (Black)	458	448	6/9

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>HP Photosmart C4280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP74, HP75
Cartridge Type	Integral ink supply and print head
Date Tested	June 14, 2007 to June 18, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	Driver Version = 12/26/2006,61.063.247.00 The driver's default setting was used: Quality = Normal Paper = Plain

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Hewlett-Packard Photosmart C4280:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield – Up to 186 standard pages

Average Tri-color Cartridge Yield – Up to 166 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield – Up to 201 standard pages

Estimated supplemental Tri-color Cartridge Yield Up to 979 standard pages

Values obtained by continuous printing. Declared yield values in accordance with ISO/IEC 24711

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP74	K (Black)	197	186	9/9
HP75	Tri-color	171	166	9/12

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP74	K (Black)	204	201	9/9
HP75*	Tri-color	1,109	979	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>HP Photosmart C4280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP74, HP75
Cartridge Type	Integral ink supply and print head
Date Tested	June 19, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	HP Premium Plus High-gloss Photo Paper (Q1785A)
Driver version	Driver Version = 12/26/2006,61.063.247.00 The following settings were used: Photo printing-with white borders Print Quality = Best Paper Type = HP Premium Plus Photo Paper

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Hewlett-Packard Photosmart C4280:

Using the QualityLogic Color Photo test suite provides the following results:  
Average Tri-color Cartridge Yield – Up to 47 standard pages  
Estimated supplemental K (Black) Cartridge Yield – Up to 1,002 standard pages

Values obtained by continuous printing. Declared yield values in accordance with QualityLogic Color Photo Yield Test Methodology

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP74	Tri-color	48	47	9/9
HP75	K (Black)	1,104	1,002	3/3

<b>Printer Identifier</b>	<b>HP Photosmart C5280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP74, HP75
Cartridge Type	Integral ink supply and print head
Date Tested	June 28, 2007 to July 5, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	Driver Version = 3/15/2007,61.071.244.00 The driver's default setting was used: Quality = Normal Paper = Plain

#### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Hewlett-Packard Photosmart C5280:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield – Up to 203 standard pages

Average Tri-color Cartridge Yield – Up to 169 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield – Up to 224 standard pages

Estimated supplemental Tri-color Cartridge Yield Up to 1,016 standard pages

Values obtained by continuous printing. Declared yield values in accordance with ISO/IEC 24711

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP74	K (Black)	209	203	9/12
HP75	Tri-color	174	169	9/15

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP74	K (Black)	228	224	9/9
HP75*	Tri-color	1,020	1,016	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>HP Photosmart C5280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP74, HP75
Cartridge Type	Integral ink supply and print head
Date Tested	July 6, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	HP Premium Plus High-gloss Photo Paper (Q1785A)
Driver version	Driver Version = 03/15/2007,61.071.244.00 The following settings were used: Photo printing-with white borders Print Quality = Best Paper Type = HP Premium Plus Photo Paper

**Declaration of Yield**

**Inkjet Cartridge Yield when tested in Hewlett-Packard Photosmart C5280:**

Using the QualityLogic Color Photo test suite provides the following results:  
Average Tri-color Cartridge Yield – Up to 48 standard pages  
Estimated supplemental K (Black) Cartridge Yield – Up to 1,154 standard pages

Values obtained by continuous printing. Declared yield values in accordance with QualityLogic Color Photo Yield Test Methodology

**QualityLogic Color Photo Suite**

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP75	Tri-color	48	48	9/9
HP74*	K (Black)	1,197	1,154	3/3

\* Denotes supplemental cartridge

Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

<b>Printer Identifier</b>	<b>HP Photosmart C6280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP02 System
Cartridge Type	Separate ink supply and print head
Date Tested	September 21, 2007 to November 2, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	Driver Version=61.071.244.00 The following driver settings were changed from default: Paper Type = Changed to Plain paper from Automatic

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in HP Photosmart C6280:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield – Up to 728 standard pages
- Average Cyan Cartridge Yield – Up to 411 standard pages
- Average Yellow Cartridge Yield – Up to 488 standard pages
- Average Magenta Cartridge Yield – Up to 393 standard pages
- Estimated supplemental Light Cyan Cartridge Yield – Up to 11,956 standard pages
- Estimated supplemental Light Magenta Cartridge Yield – Up to 11,827 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield – Up to 1,504 standard pages
- Average supplemental Cyan Cartridge Yield – Up to 1,402 standard pages
- Average supplemental Yellow Cartridge Yield – Up to 1,323 standard pages
- Average supplemental Magenta Cartridge Yield – Up to 813 standard pages
- Estimated supplemental Light Cyan Cartridge Yield – Up to 15,204 standard pages
- Estimated supplemental Light Magenta Cartridge Yield – Up to 13,302 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP02 C8721WN	K (Black)	738	728	30/33
HP02 C8771WN	Cyan	424	411	51/57
HP02 C8773WN	Yellow	502	488	42/48
HP02 C8772WN	Magenta	404	393	53/59
HP02 C8774WN*	Light Cyan	13,512	11,956	3/6
HP02 C8775WN*	Light Magenta	12,547	11,827	3/6

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP02 C8721WN	K (Black)	1,534	1,504	23/25
HP02 C8771WN*	Cyan	1,501	1,402	22/26
HP02 C8773WN*	Yellow	1,388	1,323	24/28
HP02 C8772WN*	Magenta	843	813	41/45
HP02 C8774WN*	Light Cyan	17,167	15,204	¾
HP02 C8775WN*	Light Magenta	15,433	13,302	¾

\* Denotes supplemental cartridge

Test results and cost information provided by QualityLogic. Tests were performed under laboratory conditions and end-user's results may vary. Test results, ink cartridge pricing and cost per page pricing subject to change without notice by QualityLogic. All test results and cost information are provided "as-is," "as available," and all warranties, expressed or implied are hereby disclaimed. Users of the information contained herein assume full responsibility and risk of loss resulting from usage thereof.

<b>Printer Identifier</b>	<b>HP Photosmart C6280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP02 System
Cartridge Type	Separate ink supply and print head
Date Tested	October 23, 2007 to November 2, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	HP Premium Plus Photo Paper, high gloss (Q1785A)
Driver version	Driver Version=61.071.244.00 The following driver settings were changed from default: Paper Type = Changed to HP Premium Plus Photo Papers from Automatic Print Quality = Changed to Best from Automatic

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in HP Photosmart C6280:

Using the QualityLogic Color Photo Suite:

- Average Cyan Cartridge Yield – Up to 289 standard pages
- Average Yellow Cartridge Yield – Up to 146 standard pages
- Average Magenta Cartridge Yield – Up to 323 standard pages
- Average Light Cyan Cartridge Yield – Up to 142 standard pages
- Average Light Magenta Cartridge Yield – Up to 133 standard pages
- Estimated supplemental K (Black) Cartridge Yield – Up to 892 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP02 C8771WN	Cyan	333	289	9/13
HP02 C8773WN	Yellow	158	146	19/23
HP02 C8772WN	Magenta	365	323	9/10
HP02 C8774WN	Light Cyan	150	142	21/25
HP02 C8775WN	Light Magenta	141	133	21/25
HP02 C8721WN*	K (Black)	895	892	3/7

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>HP Photosmart C7280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP02 System
Cartridge Type	Separate ink supply and print head
Date Tested	October 3, 2007 to November 1, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	Driver Version=61.071.244.00 The following driver settings were changed from default: Paper Type = Changed to Plain paper from Automatic

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in HP Photosmart C7280:

Using the test suite defined in ISO/IEC 24712 provides the following results:

- Average K (Black) Cartridge Yield – Up to 713 standard pages
- Average Cyan Cartridge Yield – Up to 411 standard pages
- Average Yellow Cartridge Yield – Up to 483 standard pages
- Average Magenta Cartridge Yield – Up to 383 standard pages
- Estimated supplemental Light Cyan Cartridge Yield – Up to 12,126 standard pages
- Estimated supplemental Light Magenta Cartridge Yield – Up to 11,632 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

- Average K (Black) Cartridge Yield – Up to 1,389 standard pages
- Average supplemental Cyan Cartridge Yield – Up to 1,421 standard pages
- Average supplemental Yellow Cartridge Yield – Up to 1,306 standard pages
- Average supplemental Magenta Cartridge Yield – Up to 804 standard pages
- Estimated supplemental Light Cyan Cartridge Yield – Up to 14,765 standard pages
- Estimated supplemental Light Magenta Cartridge Yield – Up to 14,293 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP02 C8721WN	K (Black)	723	713	30/30
HP02 C8771WN	Cyan	426	411	49/52
HP02 C8773WN	Yellow	502	483	42/45
HP02 C8772WN	Magenta	396	383	53/56
HP02 C8774WN*	Light Cyan	14,069	12,126	3/3
HP02 C8775WN*	Light Magenta	13,642	11,632	3/3

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP02 C8721WN	K (Black)	1,441	1,389	24/27
HP02 C8771WN*	Cyan	1,499	1,421	21/27
HP02 C8773WN*	Yellow	1,365	1,306	24/30
HP02 C8772WN*	Magenta	853	804	39/45
HP02 C8774WN*	Light Cyan	15,669	14,765	3/6
HP02 C8775WN*	Light Magenta	14,609	14,293	3/6

\* Denotes supplemental cartridge

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<b>Printer Identifier</b>	<b>HP Photosmart C7280</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP02 System
Cartridge Type	Separate ink supply and print head
Date Tested	November 1, 2007 to November 6, 2007
EOL Criteria	This printer has Ink Out which stops printing. Whichever came first, either Ink Out or Fade, was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	HP Premium Plus Photo Paper, high gloss (Q1785A)
Driver version	Driver Version=61.071.244.00 The following driver settings were changed from default: Paper Type = Changed to HP Premium Plus Photo Papers from Automatic Print Quality = Changed to Best from Automatic

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in HP Photosmart C7280:

Using the QualityLogic Color Photo Suite:

- Average Cyan Cartridge Yield – Up to 306 standard pages
- Average Yellow Cartridge Yield – Up to 152 standard pages
- Average Magenta Cartridge Yield – Up to 326 standard pages
- Average Light Cyan Cartridge Yield – Up to 141 standard pages
- Average Light Magenta Cartridge Yield – Up to 134 standard pages
- Estimated supplemental K (Black) Cartridge Yield – Up to 775 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP02 C8771WN	Cyan	342	306	9/11
HP02 C8773WN	Yellow	163	152	18/21
HP02 C8772WN	Magenta	345	326	9/10
HP02 C8774WN	Light Cyan	151	141	19/22
HP02 C8775WN	Light Magenta	143	134	21/24
HP02 C8721WN*	K (Black)	903	775	3/6

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>HP Officejet J5780</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP74, HP75
Cartridge Type	Integral ink supply and print head
Date Tested	May 3, 2007 to May 5, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	Driver Version = 09/01/2006.60.062.241.00 The driver's default setting was used: Quality = Normal Paper = Plain

### Inkjet Cartridge Yield when tested in Hewlett-Packard Officejet J5780:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield – Up to 188 standard pages

Average Tri-color Cartridge Yield – Up to 178 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield – Up to 198 standard pages

Estimated supplemental Tri-color Cartridge Yield Up to 1,529 standard pages

Values obtained by continuous printing. Declared yield values in accordance with ISO/IEC 24711

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP 74	K (Black)	195	188	9/13
HP 75	Tri-color	181	178	9/14

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP74	K (Black)	201	198	9/9
HP75*	Tri-color	1,700	1,529	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>HP Officejet J5780</b>
Printer Manufacturer	Hewlett-Packard
Cartridge Identifier	HP74, HP75
Cartridge Type	Integral ink supply and print head
Date Tested	May 7, 2007 to May 8, 2007
EOL Criteria	Fade
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo paper
Media used	HP Premium Plus High-gloss Photo Paper (Q1785A)
Driver version	Driver Version = 09/01/2006.60.062.241.00 The following settings were used: Photo printing-with white borders Print Quality = Best Paper Type = HP Premium Plus Photo Paper

**Inkjet Cartridge Yield when tested in Hewlett-Packard Officejet J5780:**

Using the QualityLogic Color Photo test suite provides the following results:  
Average Tri-color Cartridge Yield – Up to 49 standard pages  
Estimated supplemental K (Black) Cartridge Yield – Up to 811 standard pages

Values obtained by continuous printing. Declared yield values in accordance with QualityLogic Color Photo Yield Test Methodology

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
HP74	Tri-color	51	49	9/10
HP75*	K (Black)	861	811	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Lexmark X5470</b>
Printer Manufacturer	Lexmark
Cartridge Identifier	32 (18C0032) & 33 (18C0033)
Cartridge Type	Integral ink supply and print head
Date Tested	October 22, 2007 to October 29, 2007
EOL Criteria	Fade was used as the EOL criteria.
Print mode used	Continuous
Paper Size	Letter
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Driver version	Printer Driver = 3.117.0.0 The following driver settings were changed from default: Paper Type = Changed to Plain from Sensed

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Lexmark X5470:

Using the test suite defined in ISO/IEC 24712 provides the following results:

Average K (Black) Cartridge Yield – Up to 274 standard pages

Average Tri-Color Cartridge Yield – Up to 272 standard pages

Using the test page defined in ISO/IEC 19752 provides the following results:

Average K (Black) Cartridge Yield – Up to 287 standard pages

Estimated supplemental Tri-Color Cartridge Yield – Up to 2,504 standard pages

Values obtained by continuous printing. Declared yield value in accordance with ISO/IEC 24711.

#### ISO 24712

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
32 (18C0032)	K (Black)	287	274	9/15
33 (18C0033)	Tri-color	287	272	9/14

#### ISO 19752

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
32 (18C0032)	K (Black)	300	287	9/10
33 (18C0033)*	Tri-color	2,684	2,504	3/3

\* Denotes supplemental cartridge

<b>Printer Identifier</b>	<b>Lexmark X5470</b>
Printer Manufacturer	Lexmark
Cartridge Identifier	32 (18C0032) & 33 (18C0033)
Cartridge Type	Integral ink supply and print head
Date Tested	October 30, 2007 to November 5, 2007
EOL Criteria	Fade was used as the EOL criteria.
Print mode used	Continuous
Paper Size	4" x 6" borderless photo on 8 ½" x 11" photo
Media used	Lexmark Premium Photo Paper (21G1740)
Driver version	Printer Driver = 3.117.0.0 The following driver settings were changed from default: Quality = Changed to Photo from Automatic Type = Changed to Lexmark Premium Photo Paper from Sensed

### Declaration of Yield

#### Inkjet Cartridge Yield when tested in Lexmark X5470:

Using the QualityLogic Color Photo Suite:

Average Tri-color Cartridge Yield – Up to 71 standard pages

Estimated supplemental K (Black) Cartridge Yield – Up to 4,378 standard pages

Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.

#### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
33 (18C0033)	Tri-color	73	71	26/28
32 (18C0032)*	K (Black)	5,420	4,378	3/3

\* Denotes supplemental cartridge

## Additional Kodak Papers Tested

In addition to testing Kodak's Ultra Premium Photo Paper, Kodak Premium Photo Paper and Glossy Photo Paper were tested on the Kodak EASYSHARE 5500, 5300 and 5100 to verify the yield claims of their Photo Value Packs. All test parameters described on Pages 19-21 of this report were the same with the exception of media used and date tested (highlighted below).

### Declaration of Yield

<b>Media used</b>	<b>Kodak Ultra Premium Photo Paper</b>
<b>Date Tested</b>	<b>July 19, 2007 to July 20, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5500:</b>	
Using the QualityLogic Color Photo Suite:	
Average Color Cartridge Yield: Up to 166 standard pages	
Estimated supplemental K (Black) Cartridge Yield: Up to 1,472 standard pages	
Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.	

### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8966	Color	167	166	9/9
3J8965*	K (Black)	1,700	1,472	3/3

### Declaration of Yield

<b>Media used</b>	<b>Kodak Premium Photo Paper</b>
<b>Date Tested</b>	<b>July 24, 2007 to July 31, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5500:</b>	
Using the QualityLogic Color Photo Suite:	
Average Color Cartridge Yield: Up to 176 standard pages	
Estimated supplemental K (Black) Cartridge Yield: Up to 1,703 standard pages	
Values obtained by continuous printing.	

### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8966	Color	177	176	9/9
3J8965*	K (Black)	1,816	1,703	3/3

### Declaration of Yield

<b>Media used</b>	<b>Kodak Glossy Photo Paper</b>
<b>Date Tested</b>	<b>July 23, 2007 to July 27, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5500:</b>	
Using the QualityLogic Color Photo Suite:	
Average Color Cartridge Yield: Up to 267 standard pages	
Estimated supplemental K (Black) Cartridge Yield: Up to 2,624 standard pages	
Values obtained by continuous printing.	

### QualityLogic Color Photo Suite

Cartridge Identifier	Color	Average (pages)	90% Lower Confidence (pages)	Number used in calculations/test
3J8966	Color	267	267	9/9
3J8965*	K (Black)	2,753	2,624	3/3

\*Denotes supplemental cartridge

**Declaration of Yield**

<b>Media used</b>	<b>Kodak Ultra Premium Photo Paper</b>
<b>Date Tested</b>	<b>May 3, 2007 to May 4, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5300:</b>	
Using the QualityLogic Color Photo Suite: Average Color Cartridge Yield: Up to 167 standard pages Estimated supplemental K (Black) Cartridge Yield: Up to 1,663 standard pages	
Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.	

**QualityLogic Color Photo Suite**

<b>Cartridge Identifier</b>	<b>Color</b>	<b>Average (pages)</b>	<b>90% Lower Confidence (pages)</b>	<b>Number used in calculations/test</b>
3J8966	Color	167	167	9/9
3J8965*	K (Black)	1,911	1,663	3/3

**Declaration of Yield**

<b>Media used</b>	<b>Kodak Premium Photo Paper</b>
<b>Date Tested</b>	<b>April 20, 2007 to April 22, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5300:</b>	
Using the QualityLogic Color Photo Suite: Average Color Cartridge Yield: Up to 176 standard pages Estimated supplemental K (Black) Cartridge Yield: Up to 1,673 standard pages	
Values obtained by continuous printing.	

**QualityLogic Color Photo Suite**

<b>Cartridge Identifier</b>	<b>Color</b>	<b>Average (pages)</b>	<b>90% Lower Confidence (pages)</b>	<b>Number used in calculations/test</b>
3J8966	Color	177	176	9/9
3J8965*	K (Black)	1,812	1,673	3/3

**Declaration of Yield**

<b>Media used</b>	<b>Kodak Glossy Photo Paper</b>
<b>Date Tested</b>	<b>April 22, 2007 to April 26, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5300:</b>	
Using the QualityLogic Color Photo Suite: Average Color Cartridge Yield: Up to 265 standard pages Estimated supplemental K (Black) Cartridge Yield: Up to 2,358 standard pages	
Values obtained by continuous printing.	

**QualityLogic Color Photo Suite**

<b>Cartridge Identifier</b>	<b>Color</b>	<b>Average (pages)</b>	<b>90% Lower Confidence (pages)</b>	<b>Number used in calculations/test</b>
3J8966	Color	266	265	9/9
3J8965*	K (Black)	2,711	2,358	3/3

\*Denotes supplemental cartridge

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**Declaration of Yield**

<b>Media used</b>	<b>Kodak Ultra Premium Photo Paper</b>
<b>Date Tested</b>	<b>May 4, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5100:</b>	
Using the QualityLogic Color Photo Suite:	
Average Color Cartridge Yield: Up to 167 standard pages	
Estimated supplemental K (Black) Cartridge Yield: Up to 1,695 standard pages	
Values obtained by continuous printing. Declared yield value in accordance with QualityLogic Color Photo Cartridge Yield Test Methodology.	

**QualityLogic Color Photo Suite**

<b>Cartridge Identifier</b>	<b>Color</b>	<b>Average (pages)</b>	<b>90% Lower Confidence (pages)</b>	<b>Number used in calculations/test</b>
3J8966	Color	167	167	9/9
3J8965*	K (Black)	1,730	1,695	3/3

**Declaration of Yield**

<b>Media used</b>	<b>Kodak Premium Photo Paper</b>
<b>Date Tested</b>	<b>May 7, 2007 to May 8, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5100:</b>	
Using the QualityLogic Color Photo Suite:	
Average Color Cartridge Yield: Up to 177 standard pages	
Estimated supplemental K (Black) Cartridge Yield: Up to 1,499 standard pages	
Values obtained by continuous printing.	

**QualityLogic Color Photo Suite**

<b>Cartridge Identifier</b>	<b>Color</b>	<b>Average (pages)</b>	<b>90% Lower Confidence (pages)</b>	<b>Number used in calculations/test</b>
3J8966	Color	178	177	9/9
3J8965*	K (Black)	1,678	1,499	3/3

**Declaration of Yield**

<b>Media used</b>	<b>Kodak Glossy Photo Paper</b>
<b>Date Tested</b>	<b>May 8, 2007 to May 9, 2007</b>
<b>Inkjet Cartridge Yield when tested in Kodak EASYSHARE 5100:</b>	
Using the QualityLogic Color Photo Suite:	
Average Color Cartridge Yield: Up to 268 standard pages	
Estimated supplemental K (Black) Cartridge Yield: Up to 2,552 standard pages	
Values obtained by continuous printing.	

**QualityLogic Color Photo Suite**

<b>Cartridge Identifier</b>	<b>Color</b>	<b>Average (pages)</b>	<b>90% Lower Confidence (pages)</b>	<b>Number used in calculations/test</b>
3J8966	Color	270	268	9/9
3J8965*	K (Black)	2,996	2,552	3/3

\*Denotes supplemental cartridge

## Sub-Appendix A1 – Test Pages

### ISO/ ISO/IEC 24712 Test Suite



### ISO/IEC 19752 Test Page



## QualityLogic Photo Test Suite

