

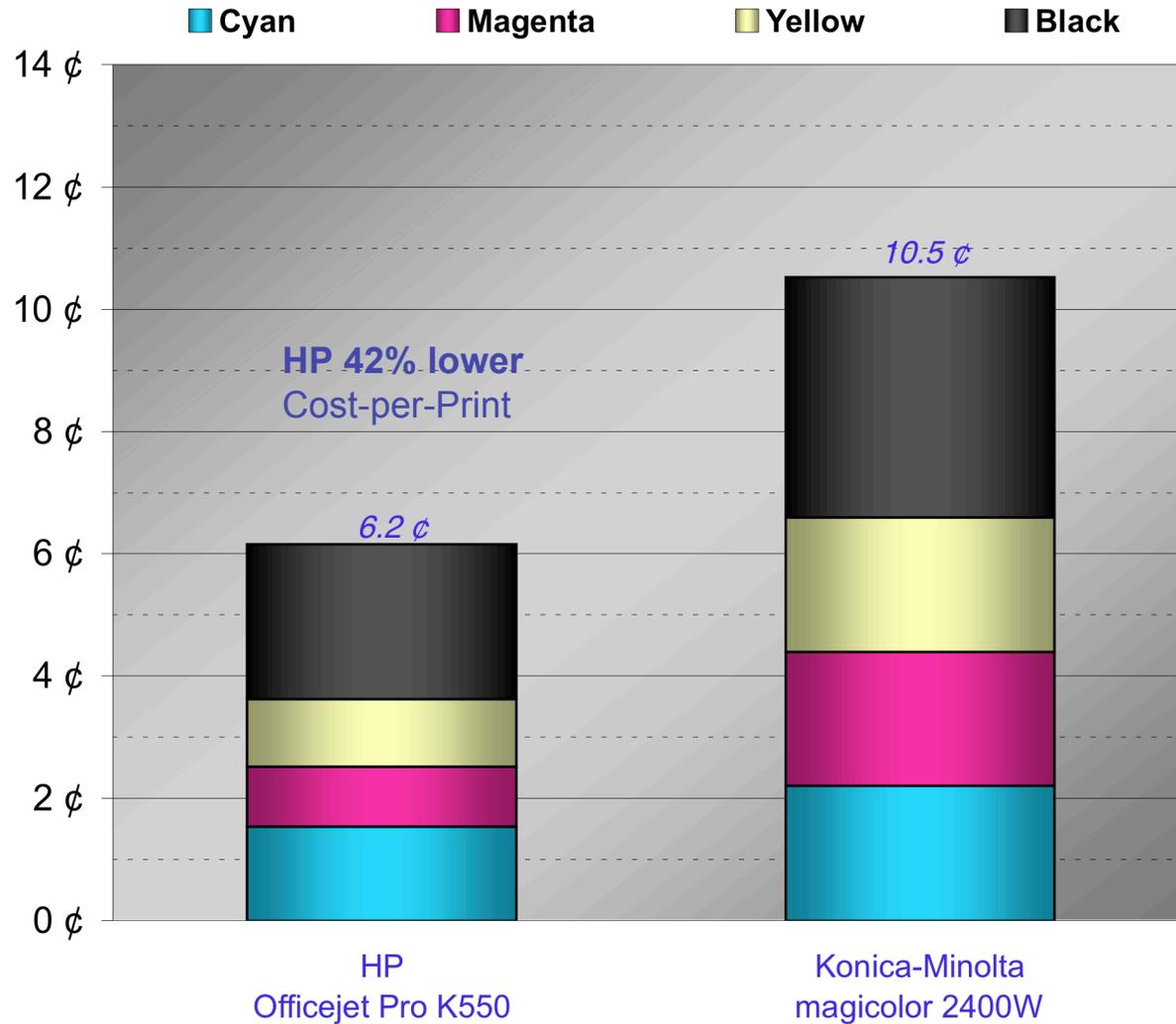
# Cost-per-Print: U.S. cents –

# HP Officejet Pro K550 color inkjet vs. Konica-Minolta magicolor 2400W

**spencerLAB**  
COST-PER-PRINT TESTED



MIXED TEXT & GRAPHICS



Cost-per-Print includes Ink/Toner costs only

HP pricing provided by HP (prior to commercial release); Konica-Minolta pricing per Current Analysis, 4 Aug 05. All testing performed using default driver settings.



www.spencerlab.com

**spencerLAB**  
DIGITAL COLOR LABORATORY

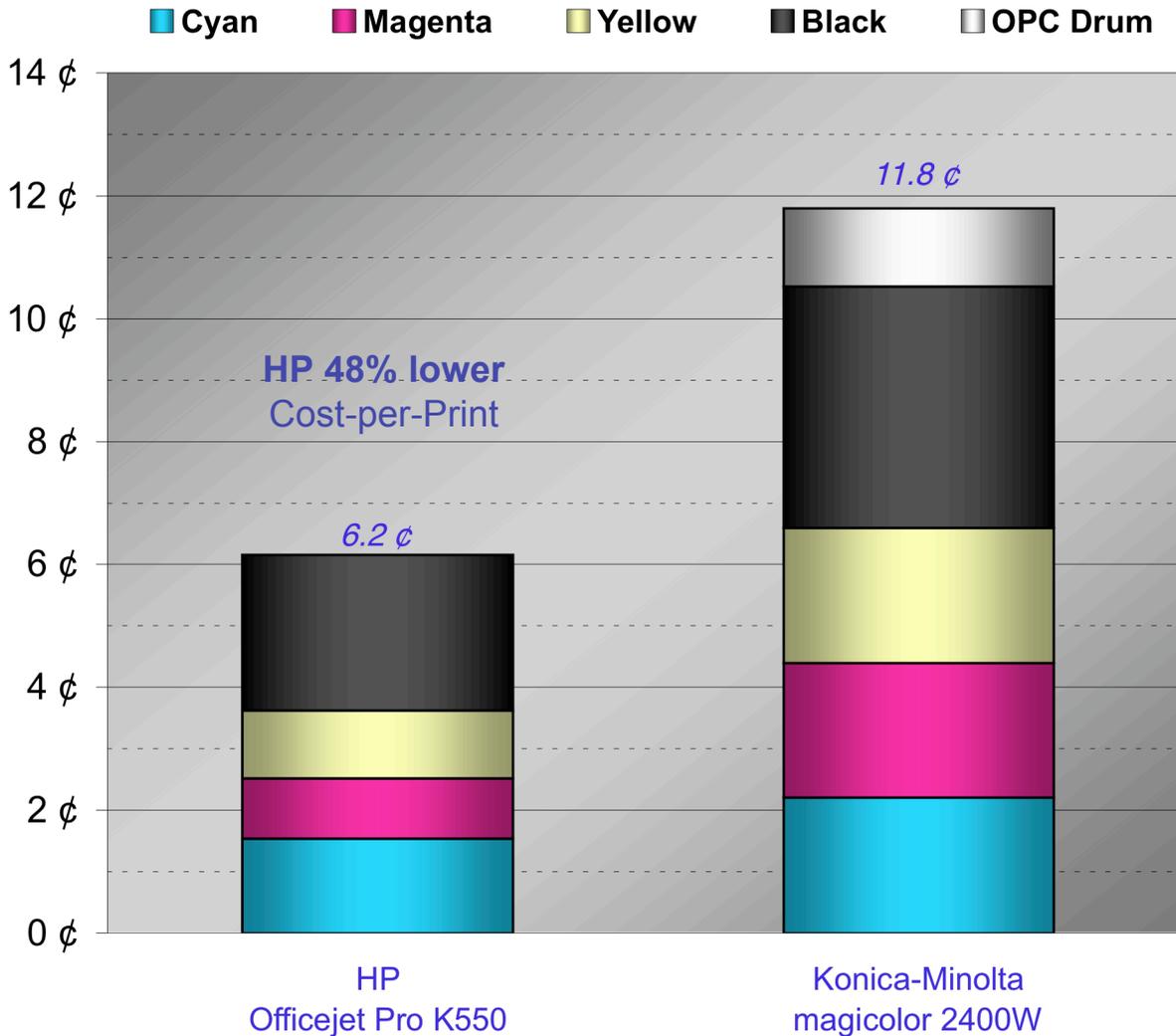
# Cost-per-Print: U.S. cents –

# HP Officejet Pro K550 color inkjet vs. Konica-Minolta magicolor 2400W

**spencerLAB**  
COST-PER-PRINT TESTED



MIXED TEXT & GRAPHICS



Cost-per-Print includes Ink/Toner and OPC Drum Cartridge costs

HP pricing provided by HP (prior to commercial release); Konica-Minolta pricing per Current Analysis, 4Aug05  
All testing performed using default driver settings



www.spencerlab.com

**spencerLAB**  
DIGITAL COLOR LABORATORY

# Cost-per-Print Methodology: HP Officejet Pro K550 color inkjet vs. Konica-Minolta magicolor 2400W

## ° Determine Ink Cartridge Yields – the average number of prints-per-cartridge for each cartridge

- Test file from the *SpencerLab* Digital Color Laboratory Printer Test Suite
  - Mixed Text & Graphics, *Color Newsletter*. Printed semi-continuously, with stops for paper replenishment, overnight, etc.
- Cartridges judged to be at "end-of-life" when an out of ink signal is displayed on printer control panel/driver
- Print Modes: default on plain paper
- Test high-capacity OEM inks/toner, where available
  - HP #88 Large Black, Cyan, Magenta and Yellow ink cartridges
  - Konica-Minolta magicolor 2400W High-Capacity Black and Cyan, Magenta and Yellow toner cartridges
- Testing is repeated over multiple cartridges to assure consistency

## ° Calculate ink component cost-per-print

- Divide each cartridge cost by the corresponding cartridge yield (average prints-per-cartridge)

## ° Calculate other user-replaceable component pro-rata costs

- Konica-Minolta magicolor 2400W contains user-replaceable OPC Drum Cartridge; therefore include drum cost in total Cost-per-Print
- The HP Officejet Pro K550 printhead is designed for the life of the printer; therefore it is not included in the total Cost-per-Print, though user-replaceable.

## ° Ink/Toner and OPC Drum Cartridge Prices

COMPONENT COSTS		CYAN	MAGENTA	YELLOW	BLACK
HP Officejet Pro K550	Ink	\$ 24.99	\$ 24.99	\$ 24.99	\$ 34.99
Konica-Minolta magicolor 2400W	Ink	\$ 131.99	\$ 131.99	\$ 131.99	\$ 88.66
	OPC	\$ 144.92			

HP pricing provided by HP (prior to commercial release); Konica-Minolta pricing per Current Analysis, 4Aug05

## ° Sum these component costs to obtain total Cost-per-Print for the test document

Independent testing by *SpencerLab* Digital Color Laboratory was sponsored by Hewlett-Packard Company Aug05



[www.spencerlab.com](http://www.spencerlab.com)

**spencerLAB**  
DIGITAL COLOR LABORATORY