

Yield Reporting Form:

HP Color LaserJet Enterprise M652/M653 cartridge models CF460X, CF461X, CF462X, and CF463X

Declared ISO Yield

Toner cartridge yield:Average composite CMY cartridge yield **22,000** standard pages¹Average K cartridge yield **27,000** standard pages¹

Declared yield value in accordance with ISO/IEC 19798 based on continuous printing.

Calculated test values

90% lower confidence limit ¹	
Cyan	24,914 pages
Magenta	25,843 pages
Yellow	19,989 pages
Composite CMY	23,281 pages
Black	27,269 pages

Test date: beginning	7/11/2017
Test dates: ending	7/18/2017
Number of cartridges used in testing	64
Number of cartridges used in calculations	C=16, M=16, Y=16, K=16 (Total=64)
Type of cartridge	All-in-one
Shake procedure used?	No
Print mode	Continuous
MPACCO Mode	Off
Number of engines used in testing	1
Media	HP Multipurpose
Paper size	Letter
Paper feed orientation	Short edge
Computer model	vSphere Client virtual machine
Operating system	Microsoft Windows 7 Enterprise with SP1
Application software	HP Direct Print
Print driver version	HP Direct Print EWS
Connection type	network
Test page version	ISO-IEC 24712
Power on/off every day	No

Engine serial numbers:

Engine Firmware Version:

JPBCK4J0KK	2403322_00089
JPBCK4J0GV	2403322_00089
JPBCK4J0DN	2403322_00089
JPBCK4J07C	2403322_00089

Cartridge testing data

Test environmental limits:

	Temperature	Humidity
	°C	%RH
Max running average	23.0	50.7
Min running average	23.0	49.7
Average	23.0	50.2

Cyan (CF461X) in HP CLJ Enterprise M652 and M653				Magenta (CF463X) in HP CLJ Enterprise M652 and M653			
Average:		25,188		Average:		26,087	
Standard Deviation:		627		Standard Deviation:		556	
90% LCB:		24,914		90% LCB:		25,843	
CartridgeNo	Lot Code	Engine SerNo	Cartridge Yield	CartridgeNo	Lot Code	Engine SerNo	Cartridge Yield
CF461X-01	7B24N1Aa	JPBCK4JOKK	25,910	CF463X-01	7B24N1Aa	JPBCK4JOKK	26,005
CF461X-02	6L15N1Aa	JPBCK4JOGV	24,810	CF463X-02	6L15N1Aa	JPBCK4JOGV	25,760
CF461X-03	7B15N2Aa	JPBCK4JODN	25,685	CF463X-03	7A16N1Aa	JPBCK4JODN	25,720
CF461X-04	7B24N1Aa	JPBCK4J07C	26,095	CF463X-04	7B24N1Aa	JPBCK4J07C	27,410
CF461X-05	6L15N1Aa	JPBCK4JOKK	24,565	CF463X-05	6L15N1Aa	JPBCK4JOKK	25,500
CF461X-06	7B15N2Aa	JPBCK4JOGV	25,400	CF463X-06	7A16N1Aa	JPBCK4JOGV	25,970
CF461X-07	7B24N1Aa	JPBCK4JODN	25,960	CF463X-07	7B24N1Aa	JPBCK4JODN	27,430
CF461X-08	6L15N1Aa	JPBCK4J07C	25,690	CF463X-08	6L15N1Aa	JPBCK4J07C	25,855
CF461X-09	7B15N2Aa	JPBCK4JOKK	25,270	CF463X-09	7A16N1Aa	JPBCK4JOKK	25,980
CF461X-10	7B24N1Aa	JPBCK4JOGV	25,360	CF463X-10	7B24N1Aa	JPBCK4JOGV	26,340
CF461X-11	6L15N1Aa	JPBCK4JODN	23,720	CF463X-11	6L15N1Aa	JPBCK4JODN	25,795
CF461X-12	7B15N2Aa	JPBCK4J07C	25,230	CF463X-12	7A16N1Aa	JPBCK4J07C	26,130
CF461X-13	7B24N1Aa	JPBCK4JOKK	24,735	CF463X-13	7B24N1Aa	JPBCK4JOKK	25,905
CF461X-14	6L15N1Aa	JPBCK4JOGV	24,685	CF463X-14	6L15N1Aa	JPBCK4JOGV	26,090
CF461X-15	7B15N2Aa	JPBCK4JODN	24,705	CF463X-15	7A16N1Aa	JPBCK4JODN	25,760
CF461X-16	7B24N1Aa	JPBCK4J07C	25,195	CF463X-16	7B24N1Aa	JPBCK4J07C	25,740

Yellow (CF462X) in HP CLJ Enterprise M652 and M653				Black (CF460X) in HP CLJ Enterprise M652 and M653			
Average:		20,330		Average:		27,508	
Standard Deviation:		780		Standard Deviation:		544	
90% LCB:		19,989		90% LCB:		27,269	
CartridgeNo	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF462X-01	7B17N1Aa	JPBCK4JOKK	19,710	CF460X-01	7B23N2Aa	JPBCK4JOKK	27,165
CF462X-02	6L14N1Aa	JPBCK4JOGV	21,900	CF460X-02	6L14N1Aa	JPBCK4JOGV	27,225
CF462X-03	7B06N1Aa	JPBCK4JODN	20,255	CF460X-03	7B13N2Aa	JPBCK4JODN	26,880
CF462X-04	7B17N1Aa	JPBCK4J07C	19,920	CF460X-04	7B23N2Aa	JPBCK4J07C	27,350
CF462X-05	6L14N1Aa	JPBCK4JOKK	21,495	CF460X-05	6L14N1Aa	JPBCK4JOKK	27,720
CF462X-06	7B06N1Aa	JPBCK4JOGV	20,700	CF460X-06	7B13N2Aa	JPBCK4JOGV	26,695
CF462X-07	7B17N1Aa	JPBCK4JODN	19,820	CF460X-07	7B23N2Aa	JPBCK4JODN	27,685
CF462X-08	6L14N1Aa	JPBCK4J07C	21,440	CF460X-08	6L14N1Aa	JPBCK4J07C	28,275
CF462X-09	7B06N1Aa	JPBCK4JOKK	20,010	CF460X-09	7B13N2Aa	JPBCK4JOKK	27,005
CF462X-10	7B17N1Aa	JPBCK4JOGV	19,570	CF460X-10	7B23N2Aa	JPBCK4JOGV	27,615
CF462X-11	6L14N1Aa	JPBCK4JODN	20,590	CF460X-11	6L14N1Aa	JPBCK4JODN	28,340
CF462X-12	7B06N1Aa	JPBCK4J07C	20,280	CF460X-12	7B13N2Aa	JPBCK4J07C	27,315
CF462X-13	7B17N1Aa	JPBCK4JOKK	19,000	CF460X-13	7B23N2Aa	JPBCK4JOKK	27,635
CF462X-14	6L14N1Aa	JPBCK4JOGV	20,740	CF460X-14	6L14N1Aa	JPBCK4JOGV	28,675
CF462X-15	7B06N1Aa	JPBCK4JODN	20,150	CF460X-15	7B13N2Aa	JPBCK4JODN	27,180
CF462X-16	7B17N1Aa	JPBCK4J07C	19,705	CF460X-16	7B23N2Aa	JPBCK4J07C	27,365

¹ In an ISO report commonly two values are listed: declared ISO yield and calculated test values. Generally, the calculated test values are higher than the declared ISO yield. Actual cartridge yields vary considerably based on content of images printed and other factors. For more information, visit www.hp.com/go/learnaboutsupplies.