

# Proposed PWG Usage Counters

Element Name	reference
<b>Description</b>	
TotalImpressions <sup>1</sup>	
The total number of sides of stock that have been imaged using black or color toner or colorant.	
TotalBlackImpressions	
The total number of impressions that have an image using black colorant only. No differentiation is made between black and white and gray scale.	
TotalFullColorImpressions	
The total number of impressions that have an image that uses one or more non-black colorants. The image may also contain black colorant. <b>This counter does not include HighlightColor (spot) impressions.</b>	
TotalHighlightColorImpressions	
The total number of impressions that have an image that uses one (spot) non-black colorant. The image may also contain black colorant. Highlight color impressions are produced only on devices that are highlight color capable.	
TotalBlankImpressions <b>ISSUE: Job MIB defines impression as an impression is the passage of the entire side of a sheet by the marker, whether or not any marks are made</b>	
The total number of impressions for which no toner is placed on a side of a piece of media	
PrinterImpressions	
The total number of sides of stock that have been imaged using black or color toner when the device as a printer.	
PrinterBlackImpressions	
The total number of sides of stock that have been imaged using only black toner when using the device as a printer.	
PrinterFullColorImpressions	
The total number of sides of stock that have been imaged using one or more non-black colorants when using the device as a printer. The images may also contain black colorant. <b>This counter does not include HighlightColor (spot) impressions.</b>	
CopierImpressions	
The total number of sides of stock that have been imaged using black or color toner when using the device as a copier.	

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<sup>1</sup> Impressions do not count device embedded watermark process (i.e if no job data is imaged it is considered blank)

# Proposed PWG Usage Counters

Element Name	reference
Description	
<del>CopierBlack</del> Impressions	<del>Deleted: Copied</del>
The total number of sides of stock that have been imaged using only black toner when using the device as a copier.	
<del>CopierFullColor</del> Impressions	<del>Deleted: Color</del> <del>Deleted: Copied</del>
The total number of sides of stock that have been imaged using one or more non-black colorants when using the device as a copier. The images may also contain black colorant. <u>This counter does not include HighlightColor (spot) impressions.</u>	
<del>Fax</del> Impressions	<del>Deleted: ed</del>
The total number of sides of stock that have been imaged when using the device as a <u>Public Service Telephone Network (PSTN)</u> fax machine for received faxes.	
<del>FaxBlack</del> Impressions	<del>Deleted: Faxed</del>
The total number of sides of stock that have been imaged using only black toner when using the device as a <u>PSTN</u> fax machine for received faxes.	
<del>FaxFullColor</del> Impressions	<del>Deleted: Color</del> <del>Deleted: Faxed</del>
The total number of sides of stock that have been imaged using one or more non-black colorants when using the device as a <u>PSTN</u> fax machine for received faxes. The images may also contain black colorant. <u>This counter does not include HighlightColor (spot) impressions.</u>	
<del>ScanToFile</del> Images	<del>Deleted: Network</del> <del>Deleted: Sent</del> <del>Deleted: transmitted</del>
Number of scanned sides of stock that are <u>stored locally or remotely</u> when using a network scanning service. An "Image" is defined as an electronic version of a scanned side.	
<del>ScanTotal</del> Images	
<u>Total number of scanned sides of stock scanned i. (i.e. includes Copy, Fax, NetworkFax, ScanToFile etc.)</u>	
<del>ScanToFileBlack</del> Images	<del>Deleted: Network</del> <del>Deleted: Sent</del> <del>Deleted: transmitted</del>
Scanned sides of stock that are <u>stored locally or remotely</u> in black only when using the Network Scanning service. In the context of billing meters and counters, an "Image" is defined as an electronic version of scanned side.	
<del>ScanTotalBlack</del> Images	<del>Deleted: Color</del> <del>Deleted: Network</del> <del>Deleted: transmitted0020</del>
<u>Total number of scanned sides of stock scanned in Black and White or grayscale Modes. (includes Copy, Fax, NetworkFax, ScanToFile etc.)</u>	
<del>ScanToFileFullColor</del> ImagesSent	<del>Inserted: 0020</del> <del>Deleted: 2</del> <del>Deleted: 5</del> <del>Deleted: 3</del> <del>Deleted: 1</del>
Scanned sides of stock that are <u>stored locally or remotely</u> using one or more colors when using the Network Scanning service. In the context of billing meters and counters, an "Image" is defined as an electronic version of scanned side.	

# Proposed PWG Usage Counters

Element Name	reference
Description	
<u>ScanTotalFullColorImages</u>	
Total number of scanned sides of stock scanned in full color mode. (i.e. includes Copy, Fax, NetworkFax, ScanToFile etc.)	
<u>EmailImagesSent</u>	Deleted: -
The total number of scanned sides of stock that are transmitted when using the E-mail service.	
<u>EmailBlackImagesSent</u>	Deleted: E-mail
The total number of scanned sides of stock that are transmitted only in black when using a device's e-mail service.	
<u>EmailFullColorImagesSent</u>	Deleted: Color Deleted: E-mail
The total number of scanned sides of stock that are transmitted in color when using the Email service.	
<u>FaxBlackImagesSent</u>	Deleted: Fax
The total number of scanned sides of stock that are transmitted when using a device's <u>PSTN</u> fax service.	
<u>FaxBlackImagesReceived</u>	Deleted: Fax
The total number of black scanned sides of stock that are received by the device's <u>PSTN</u> Fax service.	
<u>NetworkFaxBlackImages Sent</u>	Deleted: InternetFax
The total number of scanned sides of stock that are transmitted only in black when using a device's <u>network</u> Fax service.	
<u>NetworkFaxBlackImagesReceived</u>	Deleted: InternetFax
The total number of black scanned sides of stock that are received by the device's <u>network</u> service.	
<u>MaintenanceImpressions</u>	Deleted: ServiceImpressions
The total number of sides of stock that have been imaged using black or color toner while the device is in service mode.	
<u>MaintenanceBlackImpressions</u>	Deleted: Service
The total number of sides of stock that have been imaged using only black toner while the device is in service mode.	
<u>MaintenanceFullColorImpressions</u>	Deleted: Color Deleted: Service
The total number of sides of stock that have been imaged using only color toner while the device is in service mode. <u>This counter does not include HighlightColor (spot) impressions.</u>	
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# Proposed PWG Usage Counters

Element Name	reference
Description	
SystemImpressions	
	The total number of sides of stock that have been imaged using black or color toner not submitted as part of the user's job (e.g., administration pages, error sheets, banner sheets).
<del>SystemBlackImpressions</del>	<del>Deleted: System</del>
	The total number of sides of stock that have been imaged using only black toner not submitted as part of the user's job (e.g., administration pages, error sheets, banner sheets).
<del>SystemFullColorImpressions</del>	<del>Deleted: Color</del> <del>Deleted: System</del>
	The total number of sides of stock that have been imaged using one or more non-black colorants not submitted as part of the user's job (e.g., administration pages, error sheets, banner sheets). <u>This counter does not include HighlightColor (spot) impressions.</u>
TotalSheets	
	The total number of pieces of stock on which black or color images are placed, independent of the service that initiated the job.
TotalBlankSheets	
	The total number of pieces of stock on which no toner is placed on either side of a piece of media.
TotalTwoSidedSheets	<del>Deleted: 2</del>
	The total number of pieces of stock on which only black images are placed on both sides of the stock, independent of the service that initiated the job.
TotalBlackTwoSidedSheets	<del>Deleted: 2</del>
	The total number of pieces of stock on which only black images are placed on both sides of the stock, independent of the service that initiated the job.
TotalFullColorTwoSidedSheets	<del>Deleted: Color</del> <del>Deleted: 2</del>
	The total number of pieces of stock on which images that use one or more non-black colorants are placed on both sides of the stock, independent of the service that initiated the job. The image may also contain black colorant. <u>This counter does not include HighlightColor (spot) impressions.</u>
TotalHighlightColorTwoSided Sheets	<del>Deleted: 2</del>
	The total number of pieces of stock on which images that use one (spot) non-black colorant are placed on both sides of the stock, independent of the service that initiated the job. The images may also contain black colorant.
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LargeImpressions	
	The total number of sides of media that are designated as 'large' that have been imaged using black or colored toner.
BlackLargeImpressions	
	The total number of sides of media that are designated as 'large' that have been imaged using black or colored toner.
ColorLargeImpressions	
	The total number of large impressions that have images that use one or more non-black colorants. The images may also contain black colorant.
HighlightColorLarge Impressions	
	The total number of large impressions that have an image that uses one (spot) non-black colorant. The image may also contain black colorant. Highlight color impressions are produced only on devices that are highlight color capable.

Power On Impressions	
	The total number of impressions since the device was turned on.