

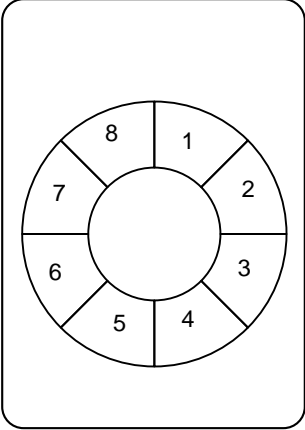
## School E-Rate Percentage LEGEND

LEGEND	90% SCHOOLS
	80% SCHOOLS
	60% SCHOOLS
	50% SCHOOLS
	40% SCHOOLS
	NEW SCHOOLS REQUESTED AT 76%

### BACKGROUND AREA:

K-8 CENTERS
PRIMARY LEARNING CENTERS (PLC)
ALTERNATIVE SCHOOLS

## Tracking LEGEND

SCHOOL NAME	
	1- E-RATE PARTICIPATION (2/5 YEAR RULE)
	2- SCHOOL WAN BANDWIDTH CAPACITY
	3- WAN BANDWIDTH UTILIZATION
	4- POWER MANAGEMENT
	5- BACKBONE - 10 GIG
	6- ITS WIRELESS INSTALLED
	7- PBX UPGRADE / REPLACEMENT
	8- VOICE MAIL INSTALLED

**1- E-RATE PARTICIPATION (2/5 YEAR RULE)**

**RED:** TWO YEARS

**YELLOW:** ONE YEAR

**GREEN:** NOT USED

**2- SCHOOL WAN BANDWIDTH CAPACITY**

**PURPLE:** 100 MB

**BROWN:** 10 MB

**BLUE:** 1 GB

**GREY:** FRAME RELAY ONLY

**3- WAN BANDWIDTH UTILIZATION (%)**

**RED:** 100% - 80%

**YELLOW:** 79% - 60%

**GREEN:** 59% - 0%

**4- POWER MANAGEMENT (%)**

**RED:** 0% - 29%

**YELLOW:** 30% - 59%

**GREEN:** 60% - 100%

**5- BACKBONE - 10 GIG**

**RED:** NOT INSTALLED  
SCHEDULE

**YELLOW:** D

**GREEN:** COMPLETED

**BLUE:** NOT REQUIRED

**6- ITS WIRELESS INSTALLED**

**RED:** NOT STARTED

**YELLOW:** SCHEDULED  
COMPLETE

**GREEN:** D

**BLUE:** NOT APPLICABLE

**7- PBX UPGRADE / REPLACEMENT**

**RED:** NOT UPGRADED - WITHIN LAST 3 YEARS

**YELLOW:** UPGRADE PLAN IN PROGRESS THIS YEAR

**GREEN:** UPGRADE COMPLETED - WITHIN LAST 3 YEARS

**8- VOICE MAIL INSTALLED**

**RED:** NO VOICEMAIL INSTALLED

**YELLOW:** INSTALLATION IN PROGRESS THIS YEAR

**GREEN:** INSTALLATION COMPLETED

## LEGEND DETAILED DESCRIPTION

Category 1 – E-RATE PARTICIPATION (**2/5 YEAR RULE**) - The E-Rate program guidelines, starting with Funding Year 8 (2005-2006), stipulate that Priority Two funds (generally referring to the purchase of Field Equipment) for any given school **can only be requested twice in five years**. As an example, M-DCPS accepted funds in Year 8 (2005-2006) for the purchase of equipment in 90% schools. This uses up one year for those schools involved. In Funding Year 10 (2007-2008) M-DCPS requested funds to purchase equipment for ALL schools in the district. Therefore, the 90% schools would be shown as RED, indicating that the two year allotment has been used and no further requests can be made for those schools until Funding Year 13 (2010-2011). In the other cases, all 80% schools and below will be shown as YELLOW, indicating that one of the two allotted years is being used.

Category 2 – NMLI -The acronym NMLI, stands for Native Mode Lan Interface or also known as Metro Ethernet. The project consists of deploying fiber to every school, allowing schools to transmit and receive data over a 7 to 10 Meg pipe and scalable to Gigabit Ethernet, as opposed to the 1.5 meg provided by T-1 circuits. This technology provides great opportunities to schools, laying the foundation for convergence of voice, video and data services. To date, we have installed NMLI circuits at all schools. Project was scheduled to be completed by June 30, 2007 however, the schedule was accelerated and project was completed by January 2007. Category 2 on the “Technology Status by School Chart” will be all green.

Category 3 – BACKBONE – 1 GIG The pervasiveness and reliance by our educators and students on the school’s infrastructure systems requires that these systems be reliable and effective to support the diverse activities of the schools. We are currently perusing standardizing all schools’ backbones to 1 GIG. All schools currently at 10/100 MB have been identified and funds have been earmarked for replacement equipment which will place all schools backbones’ to a 1 GIG standard. For those schools that have benefited from QZAB or E-Rate grants, you will find Category 3 colored green, for complete. Category 3 for the remaining schools will be colored yellow. Yellow signifies that funds have been identified and there is a plan in place to upgrade backbone to 1 GIG.

Category 4 – PC COMPLIANCE TO DISTRICT STANDARDS -The compliance indicated in segment 4 of the donut charts is a measure of whether the desktop computers and servers at the school are compliant with district standards for patch management and virus protection. To comply with the patch management requirement the computers must be running BigFix. To comply with the virus protection requirement the computers must be running Sophos Antivirus. Schools must have 90% or more compliant computers to be green, 50-89% to be yellow or 49% or less to be red. If a Tipping Point device is installed, the school is considered compliant.

Category 5 – SCHOOL FIREWALL - TippingPoint provides stateful access control rules based on source and destination IP and port and protocol as a traditional firewall would. TippingPoint can also provide application control for Peer-to-Peer, spyware, instant messaging, and other unwanted applications. TippingPoint goes beyond what any traditional firewall can provide, giving protection against vulnerabilities in applications and operating systems. A TippingPoint firewall has been purchased for every school. Every school is scheduled to have a TippingPoint firewall installed by August 2007.

Category 6 – ADS MIGRATION TO DADESCHOOLS - The rollout of the active directory migration to each school is a positive and necessary step in the vision for single sign-on and efficient network access. The migration process will join district computers to the

dadeschools.net domain. The purpose is to facilitate the access of network resources by all departments and school sites regardless of physical location. The process entails moving from the previous M-DCPS domain or independent site established domains to the new centrally managed dadeschools.net. Some of the benefits include an increase in network security, an enhancement in the availability of data, and the streamlining of resource and personnel changes. To date all schools now have an Active Directory Server installed and functional, with a full implementation plan to complete migration at all schools by August 2007.

Category 7 – PBX UPGRADE / REPLACEMENT - I.T.S. identified a plan to replace equipment installed almost a decade ago leveraging Federal funding dollars provided by the Schools and Libraries Division (SLD) E-Rate. The plan, if fully approved would provide state of the art telecommunications services and equipment such as Voice over Internet Protocol (VoIP), Voice Mail with Automated attendant and a host of new features that have matured over the last five to seven years. In addition, the newer equipment will provide improved remote monitoring and diagnostics that will reduce operating expenditures and increase reliability.

Category 8 – VOICEMAIL INSTALLED as part of Category 7, PBX UPGRADE - I.T.S. requested a voice-mail module for every telephone system requested.