

# PATI 08/09: School Technology Survey

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## PATI 2008/2009

**Directions:** To navigate through the survey, use the back and next buttons at the bottom of each page of the survey. Do not use the navigation in your browser. You can use the "JUMP" button to move to any page within the survey. Each page will list the questions on that page. The jump page is best viewed at full screen. On each page, you will see a "Save & Exit" button. You can use this button at any time to save your survey and return to it later. Once you have completed your survey and reviewed your responses, you can submit your survey.

As an enhancement for this year's surveys, we have pre-populated some of your responses based on last year's surveys. If the responses have changed from last year, you can update them to reflect the current response.

The following sections are part of this survey:

1. General School Information (pages 2-4)
2. School Infrastructure (page 5)
3. Room and Lab Counts (page 6)
4. Computer Counts: Computers For Instructional Use (pages 7-9)
5. Computer Counts: Computers For Administrative Use (page 10)
6. Digital Tools Counts (page 11)
7. Technology Available Within Your School (pages 12-14)
8. Building/School Information (pages 15-17)
9. School Transport Questions (pages 18-19)
10. School Internet Questions (pages 20-22)

Please enter your access key:

Access Key \_\_\_\_\_

## Section 1. General School Information

Please update the following information as appropriate:

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_

## Section 1. General School Information (continued)

Which of the following best describes your position in this school:

- LEA technology coordinator
- Building technology coordinator
- Library / media specialist
- Building principal
- Other building administrator
- Teacher with technology responsibilities
- LEA-based support staff
- School-based support staff
- Other \_\_\_\_\_

By the end of this school year, how many years:

	Less than 1	1 to 5	6 to 10	11 to 20	More than 20
Will you have been at your current school	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have technology-related duties been part of your job	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Section 1. General School Information (continued)

Who provides technical support (e.g. network administration, troubleshooting, and maintenance) for the equipment and networks in your school? (Check all that apply)

- LEA technology coordinator/technician
- A full-time staff member or technology coordinator within the school
- A part-time staff member or technology coordinator within the school
- School library media specialist as part of job responsibilities
- One or more staff members on a voluntary or ad hoc basis
- Contracted Services - Intermediate Unit
- Contracted Services - Non-Intermediate Unit
- Students
- Parents or volunteers
- Teacher or Tech Mentor
- Other \_\_\_\_\_

What is the total number of students within this school per the October 1st student enrollment data:

# of students \_\_\_\_\_

## Section 2. School Infrastructure

What is the maximum **Wired** Local Area Network (LAN) capacity at this building?

- 10/100 MB Ethernet (Switched, Shared, None)
- 10/100/1000 MB Ethernet (Switched, Shared, None)
- Greater than 1000 MB Ethernet (Switched, Shared, None)

What is the maximum **Wireless** Local Area Network (LAN) capacity at this building?

- 802.11 a/b
- 802.11 g
- 802.11 n
- Not applicable

What level of access is your **Wireless** Local Area Network (LAN) capacity at this building?

- Building-wide
- Limited service within building
- Campus-wide
- Limited service within campus
- Planned, will be installed within 2 years
- Not planned at this time
- Not applicable

## Section 3. Room and Lab Counts

### Definitions

Classroom	Stationary Computer Labs
A room that is used for instructional purposes.	A Room/Lab that is used for general computer use (NOT course specific).
Mobile Computer Labs	Library/Media Center
Include mobile carts that consist of 16 or more computers and other digital tools that remain exclusively with the mobile lab.	This is a general resource area where students conduct research and/or receive instruction.
Administrative Offices	
Offices under this category include areas where administrative functions take place. Examples include areas that are non-instructional such as the main office, guidance office, attendance office, principal's office, health/nurse office, food service, technology office, athletic offices, transportation buildings, maintenance facilities, etc	
Wired for Internet Access	Wireless Internet Access
Infrastructure is in place for an Internet connected computer.	Wireless signal is accessible from the room/lab.

What is the total number of rooms/labs for each classification?

Classrooms \_\_\_\_\_  
 Stationary Computer Labs \_\_\_\_\_  
 Library / Media Centers \_\_\_\_\_  
 Mobile Computer Labs \_\_\_\_\_  
 Administrative Offices \_\_\_\_\_

Within each classification, identify the number of rooms/labs with access to the Internet and those without Internet access. For those rooms/labs with Internet, provide counts for the number of rooms/labs with wired, wireless, and both wired/wireless access.

	Classrooms	Stationary Computer Labs	Library/Media Centers	Administrative Offices
Wired				
Wireless				
Both Wired and Wireless				
No Internet Access				

## Section 4. Computer Counts: Computers For Instructional Use

### Definitions:

Thin Client	High Capacity Computer	Mid Capacity Computer	Low Capacity Computer
<p>A thin client is a client computer or client software in client-server architecture networks which depends primarily on the central server for processing activities.</p>	<ul style="list-style-type: none"> <li>2 years old or newer</li> <li>Contains a 10/100/1000mb network card and can run data intensive/graphic/video rendering applications such as CAD, web design, video production etc.</li> </ul> <p>Examples:</p> <ul style="list-style-type: none"> <li>Designed for Windows Vista (PC)</li> <li>Able to run Microsoft Office 2007 (PC)</li> <li>Designed for Mac OS X v10.4 (Tiger) or OS X v10.5 (Leopard)</li> <li>Able to run Microsoft Office 2008 (Mac)</li> </ul>	<ul style="list-style-type: none"> <li>5 years old or newer</li> <li>Contains a 10/100mb network card and can run integrated applications such as Microsoft Office Suite, etc.</li> </ul> <p>Examples:</p> <ul style="list-style-type: none"> <li>Designed for Windows XP Service Pack 2 (SP2) or later</li> <li>Able to run Microsoft Office XP and has the capability to upgrade to Microsoft Office 2007 (PC)</li> <li>Designed for Mac OS X v10.3 (Panther) or OS X v10.4 (Tiger)</li> <li>Able to run Microsoft Office 2004 and has the capability to upgrade to Microsoft Office 2008 (Mac)</li> </ul>	<ul style="list-style-type: none"> <li>Older than 5 years</li> <li>Contains a 10mb or no network card and can run basic, stand alone application such as word processing, tutorial programs, etc.</li> </ul> <p>Examples:</p> <ul style="list-style-type: none"> <li>Designed for Windows XP Service Pack 1 (SP1), Windows 2000 or older</li> <li>Designed for Mac OS X v10.2 (Jaguar) or older</li> </ul>
<b>1-1 Student Laptop Programs</b>		<b>Instructional Use</b>	
<p>Some schools provide laptops for 1-1 <b>student use</b>. To be counted in this category, laptops must be assigned to individual students for multiple class use.</p> <ul style="list-style-type: none"> <li><b>DO NOT</b> include 1-1 student access to laptop computers that reside in a specific classroom. These should be included under the classroom count.</li> <li><b>DO NOT</b> include computers that are part of Classrooms for the Future (CFF) under this category. These should be included under the classroom count.</li> </ul>		<p>Instructional use includes Classrooms, Stationary Computer Labs, Mobile Computer Labs, Library Media Centers, and 1-1 Students Laptop Programs.</p>	

Within your classrooms, stationary computer labs, mobile computer labs, and library/media centers, identify the number of high, mid, and low capacity computers. In addition, classify those high, mid, and low capacity computers and thin clients based on their connectivity to the Internet (*High Speed is greater than 56kps, Dial-up is less than or equal to 56kps, or No-Internet Access*).

Classrooms	High Speed	Dial-Up	No Internet Access
High Capacity Computers			
Mid Capacity Computers			
Low Capacity Computers			
Thin Clients			
Stationary Computer Labs	High Speed	Dial-Up	No Internet Access
High Capacity Computers			
Mid Capacity Computers			
Low Capacity Computers			
Thin Clients			
Mobile Computer Labs	High Speed	Dial-Up	No Internet Access
High Capacity Computers			
Mid Capacity Computers			
Low Capacity Computers			
Thin Clients			
Library/Media Centers	High Speed	Dial-Up	No Internet Access
High Capacity Computers			
Mid Capacity Computers			
Low Capacity Computers			
Thin Clients			

## Section 4. Computer Counts: Computers For Instructional Use

(continued)

Does your school participate in a 1-1 student laptop program? This does **not** include laptops that are part of Classrooms for the Future (CFF).

- Yes
- No

*If you answered "No" to the question above, skip to page 10.*

## Section 4. Computer Counts: Computers For Instructional Use

(continued)

Within your 1-1 student laptop program, identify the number of high, mid, and low capacity computers. In addition, classify those laptops based on their connectivity **while in the classroom** to the Internet (*High Speed is greater than 56kps, Dial-up is less than or equal to 56kps, or No-Internet Access*).

1-1 Student Laptop Programs	High Speed	Dial-Up	No Internet Access
High Capacity Computers			
Mid Capacity Computers			
Low Capacity Computers			

	Yes	No
Are students allowed to take computers home at night?		
Do you control student access to computer settings?		

# Section 5. Computer Counts: Computers For Administrative Use

Within your administrative offices, identify the number of high, mid and low capacity computers. In addition, classify those high, mid, and low capacity computers based on their connectivity to the Internet (*High Speed is greater than 56kps, Dial-up is less than or equal to 56kps, or No-Internet Access*).

Administrative Offices	High Speed	Dial-Up	No Internet Access
High Capacity Computers			
Mid Capacity Computers			
Low Capacity Computers			
Thin Clients			

## Section 6. Digital Tools Counts

### Instructional Shared Access

Include areas that have equipment with shared access (such as network printers) or equipment that is shared and NOT part of a room or mobile lab.

Digital tools shared MUST be used for instructional purposes to be included in this category.

How many of the following does the school have:

	Located in Classrooms	Located in Stationary Computer Labs	Assigned as part of Mobile Computer Labs	Located in Library/Media Centers	Provided as instructional shared access among rooms	Located in Administrative Offices
Electronic Whiteboards						
Data Projectors						
Printers						
Digital Cameras						
Digital Video Cameras						
Individual User Webcams						
Wireless Access Points						
Document Cameras						
Videoconferencing Systems						

## Section 7. Technology Available Within Your School

Does your school allow remote access to any of the following? (Check all that apply)

	School email	School server documents
Students	<input type="checkbox"/>	<input type="checkbox"/>
Teachers	<input type="checkbox"/>	<input type="checkbox"/>

Does your school allow student access to its instructional computers with Internet access outside of regular school hours? (Do not include computers that are part of 1 to 1 laptop programs.)

- Yes
- No

*If you answered "No" to the question above, skip to page 14.*

## Section 7. Technology Available Within Your School (continued)

When are instructional computers with Internet access available to students outside of regular school hours? (Check all that apply)

- Before school
- After school
- On weekends
- On holidays
- Not applicable

How many instructional computers with Internet access are regularly available to students outside of regular school hours? (Do not include laptop computers that are part of 1 to 1 laptop programs.)

- None
- 1-25
- 25-50
- 51-75
- 76-100
- More than 100

## Section 7. Technology Available Within Your School (continued)

Which of the following is available at your school? (Check all that apply)

- School web/portal pages
- School administration web/portal pages
- Individual student web/portal pages
- Individual teacher web/portal pages
- Online grading tools
- Online assessment tools
- Online courses for students
- Online professional development for teachers
- Online professional development for administrators
- Parent web/portal pages

## Section 8. Building/School Information

In our efforts to continually refine the PATI survey, we seek the guidance of various technology directors throughout the state. As part of this feedback process it was determined that in order to fully capture the types of connectivity available to our schools, it is important to gather data at the building level.

Throughout the state there are instances where multiples schools may reside in one physical building or multiple buildings may be part of one school. Given this fact it will be important to begin the process of gathering data that associates buildings and schools so that in the 2009-10 school year, questions in PATI can be addressed at the building level.

### **Examples:**

Buildings with Multiple Schools - The Forest Area School District has 2 buildings (East and West Forest). Contained in each building is an elementary school and a junior/senior high school.

Schools with Multiple Buildings - The Bethel Park Senior High School has a campus that contains multiple buildings.

Based upon the examples provided:

- This school is based in a building that houses other schools
- This school contains multiple buildings
- This school is a sole tenant of a single building
- I don't know, I'd like to read the complete definitions

*If you answered "This school is based in a building that houses other schools" OR "This school is a sole tenant of a single building" to the question above, skip to page 18.*

*If you answered "This school contains multiple buildings" to the question above, skip to page 17.*

## Section 8. Building/School Information (continued)

### **Definitions**

#### **School vs. Building**

A school is an administrative unit operated by a LEA to provide educational programs to students in one or more grades. A building is a physical structure used to house one or more schools.

#### **What is a Building?**

A building, in general, constitutes a physical structure that houses educational programs for LEA students in grades Pre K – 12. A building with sections or wings that are physically connected with internal access should be counted as one building even if separate and distinct educational programs are offered in that building. To be counted as one school building, internal access between the separate building sections is required.

Buildings with ground-level or above-ground (elevated enclosed skywalk) connections that provide internal access should be considered as one building when completing this survey.

Buildings connected solely by tunnels below ground should be reported separately. For example, if there are two buildings on a campus connected by an underground tunnel; enter these as two separate buildings. If, however, these two buildings are instead connected by an enclosed skywalk, then these should be treated as one school building.

Only include buildings where instruction is provided to students.

Based upon the definitions provided:

- This school is based in a building that houses other schools
- This school contains multiple buildings
- This school is a sole tenant of a single building

***If you answered “This school is based in a building that houses other schools” OR “This school is a sole tenant of a single building” to the question above, skip to page 18.***

**Section 8. Building/School Information** (continued)

Please enter the names of the buildings that are included in this school:

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

8 \_\_\_\_\_

## Section 9. School Transport Questions

### **Definition**

An LEA-Based WAN is defined as a building-to-building network that connects buildings within YOUR LEA (district, CTC, or charter school).

**For single entities containing ONLY one school:** Since your network is contained within your own school, answer “Yes” to this question.

Is this school connected to an LEA-Based WAN that is used for applications such as file sharing, administrative functions, student information, digital content, etc.

- Yes
- No

*If you answered “No” to the question above, skip to page 20.*

## Section 9. School Transport Questions (continued)

Who is the **primary** Transport Access provider to your WAN?

- |  |   |
|--|---|
| <input type="radio"/> Comcast            | <input type="radio"/> Sting Communications          |
| <input type="radio"/> D&E Communications | <input type="radio"/> Sunesys                       |
| <input type="radio"/> DQE Communications | <input type="radio"/> Verizon                       |
| <input type="radio"/> Embarq             | <input type="radio"/> Wind Stream                   |
| <input type="radio"/> Level 3            | <input type="radio"/> Owned (fiber, wireless, coax) |
| <input type="radio"/> Prolog             | <input type="radio"/> Other                         |
| <input type="radio"/> Qwest              |   |
- 

What is the **primary** Transport type from this School to the LEA Head End?

Note that “public” means that the connection is leased from a telecommunications provider. “Private” means the LEA owns the connection.

- |  |   |
|--|---|
| <input type="radio"/> Public Telco     | <input type="radio"/> Private Telco     |
| <input type="radio"/> Public Fiber     | <input type="radio"/> Private Fiber     |
| <input type="radio"/> Public Microwave | <input type="radio"/> Private Microwave |
| <input type="radio"/> Public Wireless  | <input type="radio"/> Private Wireless  |

What is the transport capacity from this School to the LEA Head End?

- |  |                                       |
|--|---------------------------------------|
| <input type="radio"/> Less than 1.54MB (T-1) | <input type="radio"/> 10MB to 99MB    |
| <input type="radio"/> 1.54MB (T-1) only      | <input type="radio"/> 100MB to 999MB  |
| <input type="radio"/> 1.55MB to 4MB          | <input type="radio"/> 1 GB or greater |
| <input type="radio"/> 5MB to 9MB             |                                       |

What is your **estimated** monthly pre-Erate cost for the transport from this School to the LEA Head End?

- Zero
- \$1.00 - \$250.00
- \$251.00 - \$500.00
- \$501.00 - \$1,000.00
- \$1,001.00 - \$5,000.00
- Greater than \$5,000.00

## Section 10. School Internet Questions

How does this school receive its Internet connection?

- From the LEA-Based WAN
- Direct from an Internet Service Provider (ISP)
- This school does not have a connection to the Internet

*If you answered "From the LEA-Based WAN" to the question above, skip to page 22.*

*If you answered "This school does not have a connection to the Internet" to the question above, skip to page 23.*

## Section 10. School Internet Questions (continued)

Who is your **primary** Internet Service Provider (ISP)

- |  |  |
|--|--|
| <input type="radio"/> Comcast            | <input type="radio"/> Qwest                |
| <input type="radio"/> D&E Communications | <input type="radio"/> Sting Communications |
| <input type="radio"/> Embarq             | <input type="radio"/> Verizon              |
| <input type="radio"/> Expedient          | <input type="radio"/> Wind Stream          |
| <input type="radio"/> Level 3            | <input type="radio"/> Other                |
| <input type="radio"/> Prolog             |  |
- 

What is the **primary** Transport type from this school to the Internet Service Provider (ISP)?  
Note that “public” means that the connection is leased from a telecommunications provider. “Private” means the LEA owns the connection.

- |  |   |
|--|---|
| <input type="radio"/> Public Telco     | <input type="radio"/> Private Telco     |
| <input type="radio"/> Public Fiber     | <input type="radio"/> Private Fiber     |
| <input type="radio"/> Public Microwave | <input type="radio"/> Private Microwave |
| <input type="radio"/> Public Wireless  | <input type="radio"/> Private Wireless  |

What is the Internet capacity from this school to the Internet Service Provider (ISP)?

- |  |                                       |
|--|---------------------------------------|
| <input type="radio"/> Less than 1.54MB (T-1) | <input type="radio"/> 10MB to 99MB    |
| <input type="radio"/> 1.54MB (T-1) only      | <input type="radio"/> 100MB to 999MB  |
| <input type="radio"/> 1.55MB to 4MB          | <input type="radio"/> 1 GB or greater |
| <input type="radio"/> 5MB to 9MB             |                                       |

What is your **estimated** monthly pre-Erate cost for the Internet?

- Zero
- \$1.00 - \$250.00
- \$251.00 - \$500.00
- \$501.00 - \$1,000.00
- \$1,001.00 - \$5,000.00
- Greater than \$5,000.00

***Go to page 23.***

## Section 10. School Internet Questions (continued)

What is the Internet capacity from this school to the LEA Head End?

- Less than 1.54MB (T-1)
- 1.54MB (T-1) only
- 1.55MB to 4MB
- 5MB to 9MB
- 10MB to 99MB
- 100MB to 999MB
- 1 GB or greater

## Summary and Confirmation

Please confirm that you are ready to submit your survey.

Confirm and submit