Global Networked Readiness for Education

Berkman Center for Internet & Society
The World Bank Institute

12/16/2003
Computer Background Survey
Panama
Private Sector Council for Educational Assistance (CoSPAE)

- Number of Participating Schools: 10
- Number of Participants: 10

C.5 How many computers does the school have?
- None
  0
- 1
  0
- 2-5
  2 (20%)
- 6-10
  3 (30%)
- 11-15
  2 (20%)
- 16-20
  1 (10%)
- 21-40
  1 (10%)
- More than 40
  1 (10%)

C.6 How long has the school had computers?
- Less than 1 year
  0
- 1-2 years
  0
- 2-4 years
  4 (40%)
- 4-8 years
  5 (50%)
- More than 8 years
  1 (10%)

C.7 How many students use the school's computers?
- None
  0
- About 10 percent
  2 (20%)
- About 25 percent
  4 (40%)
- About 50 percent
  0
- About 75 percent
  2 (20%)
- All students
  2 (20%)
C.8 On average, how many students typically share a computer?
- 1-2
  2 (20%)
- 3-5
  8 (80%)
- 6-9
  0
- 10 or more
  0

C.9 How many teachers use the school’s computers?
- None
  0
- About 10 percent
  4 (40%)
- About 25 percent
  2 (20%)
- About 50 percent
  1 (10%)
- About 75 percent
  1 (10%)
- All teachers
  2 (20%)

C.10 Are your school’s computers accessible to teachers and/or students outside school hours?
- No, they are never accessible
  2 (20%)
- They are sometimes accessible
  4 (40%)
- They are always accessible
  4 (40%)
- They are accessible for a fee
  0

C.11 Are your school’s computers accessible to the outside community (parents, general public, etc.)?
- No, they are never accessible
  3 (30%)
- They are sometimes accessible
  1 (10%)
- They are always accessible
  4 (40%)
- They are accessible for a fee
  2 (20%)

C.12 What are the primary sources of the computers in your school? (check all that apply)
- Purchased new
  8 (80%)
- Purchased used
  1 (10%)
- Purchased refurbished computers
  0
• Donated new
  6 (60%)
• Donated used
  0
• Donated refurbished
  0
• I don’t know
  0

C.13 What kind of operating system (OS) do you use in the school? (check all that apply)
• Windows
  10 (100%)
• Linux
  0
• Apple Macintosh
  0
• Unix
  0
• DOS
  0
• Other
  0

C.14 Computers in the school (check all that apply):
• Are found in a computer laboratory
  10 (100%)
• Are found in classrooms
  0
• Are found in school administrators’ offices
  7 (70%)
• Are found in the school library
  4 (40%)

C.15 Does your school have an active, working Internet connection?
• Yes
  9 (90%)
• No (if so, then go directly to question C.24)
  1 (10%)

C.16 How many of your school computers are connected to the Internet?
• None
  0
• 1
  0
• 2-5
  3 (33.33%)
• 6-10
  4 (44.44%)
• 11-15
  2 (22.22%)
• 16-20
  0
• 21-40
  0
C.17 How long has the school had Internet access?
- Less than 1 year
  0
- 1-2 years
  2 (25%)
- 2-4 years
  3 (37.5%)
- 4-8 years
  2 (25%)
- More than 8 years
  1 (12.5%)

C.18 What kind of Internet connection does the school have?
- Dial-up connection
  4 (40%)
- Leased line
  0
- ISDN
  0
- DSL or XDSL
  1 (10%)
- Cable modem
  3 (30%)
- Wireless
  0

C.19 How would you describe the average observed speed of your school’s Internet connection?
- Very slow
  0
- Somewhat slow
  1 (11.11%)
- Medium speed
  5 (55.56%)
- Somewhat fast
  2 (22.22%)
- Very fast
  1 (11.11%)

C.20 How would you describe the reliability of your school’s Internet connection?
- Never reliable
  0
- Rarely reliable
  0
- Sometimes reliable
  2 (22.22%)
- Usually reliable
  5 (55.56%)
- Always reliable
C.21 Does the school have its own website?
- Yes
  5 (55.56%)
- No
  4 (44.44%)

C.22 The monthly cost for your school’s Internet use is:

C.23 Who pays for the Internet connection in your school? (check all that apply)
- Students and their parents
  1 (10%)
- The school
  3 (30%)
- The national government
  1 (10%)
- The local government
  0
- Private donation
  0
- Revenue from community telecentre fees
  0

C.24 What are the sources of electricity for your school? (check all that apply)
- Electrical grid
  10 (100%)
- Generator
  0
- UPS
  0
- Solar
  0
- Wind
  0
- Other
  0

C.25 On average, how many hours each day does your school have electricity?
- Less than 1 hour
  0
- 1-3 hours
  0
- 3-6 hours
  0
- 6-9 hours
  1 (10%)
- 9+ hours
  9 (90%)

C.26 Do students pay to use computers/Internet at school?
- No, computer use is free for students
  9 (90%)
- Yes, students pay on a per session basis
  0
● Yes, students pay a special computer activity fee if they use computers
  0
● Yes, computer fees are included in the general school fee
  1 (10%)

C.27 How are students involved in running the computer laboratory
● Students are not involved in running the computer lab
  2 (20%)
● Students play a very minor role in running the computer lab
  1 (10%)
● Students play a fairly minor role in running the computer lab
  0
● Students play a fairly important role in running the computer lab
  4 (40%)
● Students play a very important role in running the computer lab
  3 (30%)

C.28 Does your school have a code of conduct or acceptable use policy for use of computers?
● Yes
  7 (70%)
● No (if so, then go directly to question C.30)
  3 (30%)

C.29 If your school has a code of conduct or acceptable use policy for use of computers, does it cover the following? (please select one response for each row of the question)  

<table>
<thead>
<tr>
<th>Topic</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downloading materials</td>
<td>7 (77.78%)</td>
<td>2 (22.22%)</td>
</tr>
<tr>
<td>Offensive materials (e.g., pornography)</td>
<td>2 (22.22%)</td>
<td>7 (77.78%)</td>
</tr>
<tr>
<td>Chat</td>
<td>6 (66.67%)</td>
<td>3 (33.33%)</td>
</tr>
<tr>
<td>Playing games</td>
<td>6 (66.67%)</td>
<td>3 (33.33%)</td>
</tr>
<tr>
<td>Political issues</td>
<td>4 (44.44%)</td>
<td>5 (55.56%)</td>
</tr>
</tbody>
</table>
Religious issues
- Yes
  4 (44.44%)
- No
  5 (55.56%)

Eating or drinking in the computer lab
- Yes
  3 (33.33%)
- No
  6 (66.67%)

C.30 How would you describe the level of involvement of the following people in the planning process for putting computers in your school?

Head of school
- No involvement
  0
- A little involved
  2 (20%)
- Moderately involved
  0
- Very involved
  3 (30%)
- A leader of the planning process
  5 (50%)

Teachers
- No involvement
  0
- A little involved
  1 (10%)
- Moderately involved
  3 (30%)
- Very involved
  6 (60%)
- A leader of the planning process
  0

Students
- No involvement
  1 (10%)
- A little involved
  0
- Moderately involved
  3 (30%)
- Very involved
  4 (40%)
- A leader of the planning process
  2 (20%)

Parents
- No involvement
  2 (20%)
- A little involved
  0
4 (40%)
- Moderately involved
  3 (30%)
- Very involved
  1 (10%)
- A leader of the planning process
  0

Local government officials
- No involvement
  0
- A little involved
  3 (30%)
- Moderately involved
  1 (10%)
- Very involved
  4 (40%)
- A leader of the planning process
  2 (20%)

National government officials
- No involvement
  1 (10%)
- A little involved
  1 (10%)
- Moderately involved
  2 (20%)
- Very involved
  4 (40%)
- A leader of the planning process
  2 (20%)

Outside organizations (NGOs, corporations, etc.)
- No involvement
  2 (20%)
- A little involved
  1 (10%)
- Moderately involved
  3 (30%)
- Very involved
  4 (40%)
- A leader of the planning process
  0