Global Networked Readiness for Education

Berkman Center for Internet & Society
The World Bank Institute

12/16/2003
Student Survey
Jordan
Ministry of Education

- Number of Participating Schools: 5
- Number of Participants: 102

S.5 Your gender:
- Male
  70 (68.63%)
- Female
  32 (31.37%)

S.6 Your age:
- 9 or under
  0
- 10-12 years
  0
- 13-15 years
  23 (22.55%)
- 16-18 years
  79 (77.45%)
- 19+ years
  0

S.7 How do you feel about the following school subjects? (please select one response for each row of the question)

Art
- I dislike this a lot
  22 (21.78%)
- I dislike this a little
  8 (7.92%)
- I do not like or dislike this
  30 (29.7%)
- I like this a little
  29 (28.71%)
- I like this a lot
  12 (11.88%)

Computers
- I dislike this a lot
  6 (6%)
- I dislike this a little
  4 (4%)
- I do not like or dislike this
  8 (8%)
- I like this a little
  20 (20%)
- I like this a lot
  62 (62%)
Literature/humanities
- I dislike this a lot
  28 (27.72%)
- I dislike this a little
  21 (20.79%)
- I do not like or dislike this
  20 (19.8%)
- I like this a little
  20 (19.8%)
- I like this a lot
  12 (11.88%)

Local/national language
- I dislike this a lot
  7 (7.07%)
- I dislike this a little
  12 (12.12%)
- I do not like or dislike this
  20 (20.2%)
- I like this a little
  33 (33.33%)
- I like this a lot
  27 (27.27%)

Other Language
- I dislike this a lot
  12 (12%)
- I dislike this a little
  8 (8%)
- I do not like or dislike this
  16 (15.62%)
- I like this a little
  26 (26%)
- I like this a lot
  38 (38%)

Mathematics
- I dislike this a lot
  9 (9.38%)
- I dislike this a little
  8 (8.33%)
- I do not like or dislike this
  15 (15.62%)
- I like this a little
  30 (31.25%)
- I like this a lot
  34 (35.42%)

Music
- I dislike this a lot
  17 (17.17%)
- I dislike this a little
  8 (8.08%)
• I do not like or dislike this
  22 (22.22%)
• I like this a little
  15 (15.15%)
• I like this a lot
  37 (37.37%)

Science
• I dislike this a lot
  5 (5.05%)
• I dislike this a little
  13 (13.13%)
• I do not like or dislike this
  10 (10.1%)
• I like this a little
  29 (29.29%)
• I like this a lot
  42 (42.42%)

Social sciences/history
• I dislike this a lot
  40 (40%)
• I dislike this a little
  16 (16%)
• I do not like or dislike this
  19 (19%)
• I like this a little
  15 (15%)
• I like this a lot
  10 (10%)

S.8 How many years have you been using computers?
• Less than 1 year
  7 (6.93%)
• About 1-2 years
  7 (6.93%)
• About 2-4 years
  24 (23.76%)
• About 4-6 years
  29 (28.71%)
• More than 6 years
  34 (33.66%)

S.9 How often do you use a computer in school?
• Never
  5 (5%)
• About once a month
  6 (6%)
• About once a week
  28 (28%)
• Several times a week
  49 (49%)
• Every day
S.10 How often do you use the Internet (websites and email) in school?
- Never
  56 (56%)
- About once a month
  18 (18%)
- About once a week
  13 (13%)
- Several times a week
  12 (12%)
- Every day
  1 (1%)

S.11 How much time do you spend during each session on the Internet at school?
- None
  58 (56.86%)
- About 15 minutes
  12 (11.76%)
- About 30 minutes
  22 (21.57%)
- About 1 hour
  8 (7.84%)
- More than 1 hour
  2 (1.96%)

S.12 Who has taught you the most about computers? (check one)
- I have taught myself
  40 (39.22%)
- My teachers
  23 (22.55%)
- My friends/other students
  13 (12.75%)
- My family
  19 (18.63%)
- Training outside of school
  7 (6.86%)

S.13 How often do you use computers/Internet in the following places? (please select one response for each row of the question)
At home
- Never
  20 (19.8%)
- Rarely
  12 (11.88%)
- Sometimes
  16 (15.84%)
- Very often
  18 (17.82%)
- A lot
  35 (34.65%)
At a friend/family’s home
- Never
  26 (26%)
- Rarely
  26 (26%)
- Sometimes
  34 (34%)
- Very often
  6 (6%)
- A lot
  8 (8%)

At an Internet cafe or Telecentre
- Never
  27 (26.73%)
- Rarely
  18 (17.82%)
- Sometimes
  27 (26.73%)
- Very often
  13 (12.87%)
- A lot
  16 (15.84%)

S.14 How often do you use computers at school for the following subjects? (please select one response for each row of the question)
- **Art**
  - Never
    57 (55.88%)
  - Rarely
    19 (18.63%)
  - Sometimes
    21 (20.59%)
  - Very often
    2 (1.96%)
  - A lot
    3 (2.94%)

- **Computers**
  - Never
    7 (7%)
  - Rarely
    8 (8%)
  - Sometimes
    11 (11%)
  - Very often
    22 (22%)
  - A lot
    52 (52%)

- **Literature/humanities**
  - Never
    62 (60.78%)
- Rarely
  18 (17.65%)
- Sometimes
  15 (14.71%)
- Very often
  5 (4.9%)
- A lot
  2 (1.96%)

Local/national language
- Never
  56 (55.45%)
- Rarely
  13 (12.87%)
- Sometimes
  23 (22.77%)
- Very often
  4 (3.96%)
- A lot
  5 (4.95%)

Other language
- Never
  53 (53.54%)
- Rarely
  12 (12.12%)
- Sometimes
  19 (19.19%)
- Very often
  8 (8.08%)
- A lot
  7 (7.07%)

Mathematics
- Never
  52 (52.53%)
- Rarely
  10 (10.1%)
- Sometimes
  19 (19.19%)
- Very often
  11 (11.11%)
- A lot
  7 (7.07%)

Music
- Never
  53 (52.48%)
- Rarely
  13 (12.87%)
- Sometimes
  7 (6.93%)
- Very often
S.15 How often do you use computers at school to do the following activities? (please select one response for each row of the question)

Practice keyboard/typing and basic computer skills
- Never: 12 (11.88%)
- Rarely: 17 (16.83%)
- Sometimes: 20 (19.8%)
- A lot: 13 (12.87%)
- Every time I use a computer at school: 39 (38.61%)
Word processing, write papers
- Never
  19 (19%)
- Rarely
  26 (26%)
- Sometimes
  18 (18%)
- A lot
  25 (25%)
- Every time I use a computer at school
  12 (12%)

Use spreadsheet software
- Never
  17 (16.83%)
- Rarely
  14 (13.86%)
- Sometimes
  33 (32.67%)
- A lot
  25 (24.75%)
- Every time I use a computer at school
  12 (11.88%)

Use presentation software
- Never
  17 (16.83%)
- Rarely
  18 (17.82%)
- Sometimes
  25 (24.75%)
- A lot
  34 (33.66%)
- Every time I use a computer at school
  7 (6.93%)

Use draw, paint, or graphics software
- Never
  19 (19.19%)
- Rarely
  22 (22.22%)
- Sometimes
  29 (29.29%)
- A lot
  23 (23.23%)
- Every time I use a computer at school
  6 (6.06%)

Computer science/programming
- Never
  23 (22.55%)
- Rarely
  23 (22.55%)
● Sometimes
  23 (22.55%)
● A lot
  25 (24.51%)
● Every time I use a computer at school
  8 (7.84%)
Create/maintain my own website
● Never
  62 (61.39%)
● Rarely
  13 (12.87%)
● Sometimes
  13 (12.87%)
● A lot
  8 (7.92%)
● Every time I use a computer at school
  5 (4.95%)
Find news and information on the Internet
● Never
  45 (44.12%)
● Rarely
  16 (15.69%)
● Sometimes
  11 (10.78%)
● A lot
  19 (18.63%)
● Every time I use a computer at school
  11 (10.78%)
E-mail
● Never
  44 (43.14%)
● Rarely
  12 (11.76%)
● Sometimes
  15 (14.71%)
● A lot
  17 (16.67%)
● Every time I use a computer at school
  14 (13.73%)
Chat
● Never
  60 (60%)
● Rarely
  12 (12%)
● Sometimes
  12 (12%)
● A lot
  8 (8%)
● Every time I use a computer at school
Download music
- Never
  63 (63%)
- Rarely
  11 (11%)
- Sometimes
  6 (6%)
- A lot
  8 (8%)
- Every time I use a computer at school
  12 (12%)

Create/edit music, video, or photos
- Never
  64 (62.75%)
- Rarely
  8 (7.84%)
- Sometimes
  17 (16.67%)
- A lot
  7 (6.86%)
- Every time I use a computer at school
  6 (5.88%)

Play games
- Never
  13 (12.87%)
- Rarely
  18 (17.82%)
- Sometimes
  27 (26.73%)
- A lot
  26 (25.74%)
- Every time I use a computer at school
  17 (16.83%)

Access educational resources or CD-ROMs
- Never
  38 (37.62%)
- Rarely
  23 (22.77%)
- Sometimes
  25 (24.75%)
- A lot
  7 (6.93%)
- Every time I use a computer at school
  8 (7.92%)

S.16 What are your favorite activities using a computer? (please select one response for each row of the question)
Practicing keyboard/typing and basic computer skills
- I dislike this a lot
I dislike this a little
14 (13.73%)

I do not like or dislike this
21 (20.59%)

I like this a little
21 (20.59%)

I like this a lot
29 (28.43%)

Word processing, write papers
I dislike this a lot
8 (7.92%)

I dislike this a little
25 (24.75%)

I do not like or dislike this
21 (20.79%)

I like this a little
24 (23.76%)

I like this a lot
23 (22.77%)

Use spreadsheet software
I dislike this a lot
14 (13.73%)

I dislike this a little
16 (15.69%)

I do not like or dislike this
33 (32.35%)

I like this a little
30 (29.41%)

I like this a lot
9 (8.82%)

Use presentation software
I dislike this a lot
10 (9.8%)

I dislike this a little
15 (14.71%)

I do not like or dislike this
22 (21.57%)

I like this a little
36 (35.29%)

I like this a lot
19 (18.63%)

Use draw, paint or graphics software
I dislike this a lot
12 (11.76%)

I dislike this a little
15 (14.71%)

I do not like or dislike this
17 (16.67%)
• I like this a little
  24 (23.53%)
• I like this a lot
  34 (33.33%)

Computer science/programming
• I dislike this a lot
  11 (11%)
• I dislike this a little
  20 (20%)
• I do not like or dislike this
  20 (20%)
• I like this a little
  24 (24%)
• I like this a lot
  25 (25%)

Create/maintain my own website
• I dislike this a lot
  18 (17.65%)
• I dislike this a little
  14 (13.73%)
• I do not like or dislike this
  23 (22.55%)
• I like this a little
  15 (14.71%)
• I like this a lot
  32 (31.37%)

Find news & information on the Internet
• I dislike this a lot
  11 (10.89%)
• I dislike this a little
  10 (9.9%)
• I do not like or dislike this
  16 (15.84%)
• I like this a little
  20 (19.8%)
• I like this a lot
  44 (43.56%)

E-mail
• I dislike this a lot
  7 (6.86%)
• I dislike this a little
  10 (9.8%)
• I do not like or dislike this
  9 (8.82%)
• I like this a little
  17 (16.67%)
• I like this a lot
  59 (57.84%)
Chat
- I dislike this a lot
  16 (16%)
- I dislike this a little
  7 (7%)
- I do not like or dislike this
  11 (11%)
- I like this a little
  18 (18%)
- I like this a lot
  48 (48%)

Download music
- I dislike this a lot
  15 (14.85%)
- I dislike this a little
  9 (8.91%)
- I do not like or dislike this
  11 (10.89%)
- I like this a little
  18 (17.82%)
- I like this a lot
  48 (47.52%)

Create/edit music, video, or photos
- I dislike this a lot
  15 (14.85%)
- I dislike this a little
  11 (10.89%)
- I do not like or dislike this
  21 (20.79%)
- I like this a little
  19 (18.81%)
- I like this a lot
  35 (34.65%)

Play games
- I dislike this a lot
  5 (4.9%)
- I dislike this a little
  11 (10.78%)
- I do not like or dislike this
  6 (5.88%)
- I like this a little
  22 (21.57%)
- I like this a lot
  58 (56.86%)

Access educational resources or CD-ROMs
- I dislike this a lot
  20 (19.8%)
- I dislike this a little
  15 (14.85%)
- I do not like or dislike this
  24 (23.76%)
- I like this a little
  26 (25.74%)
- I like this a lot
  16 (15.84%)

S.17 What are your challenges or concerns when using computers in your school? (please select one response for each row of the question)

Using the keyboard and/or mouse
- Not a challenge/concern
  52 (50.98%)
- Very minor challenge/concern
  12 (11.76%)
- Somewhat minor challenge/concern
  15 (14.71%)
- Somewhat major challenge/concern
  7 (6.86%)
- Very major challenge/concern
  16 (15.69%)

Lack of confidence and comfort using computers
- Not a challenge/concern
  35 (34.65%)
- Very minor challenge/concern
  22 (21.78%)
- Somewhat minor challenge/concern
  20 (19.8%)
- Somewhat major challenge/concern
  12 (11.88%)
- Very major challenge/concern
  12 (11.88%)

Being exposed to inappropriate information and images for young people
- Not a challenge/concern
  15 (14.85%)
- Very minor challenge/concern
  19 (18.81%)
- Somewhat minor challenge/concern
  29 (28.71%)
- Somewhat major challenge/concern
  20 (19.8%)
- Very major challenge/concern
  18 (17.82%)

Theft of personal information/privacy concerns
- Not a challenge/concern
  16 (15.84%)
- Very minor challenge/concern
  20 (19.8%)
- Somewhat minor challenge/concern
  28 (27.72%)
- Somewhat major challenge/concern
<table>
<thead>
<tr>
<th>Challenge/Concern</th>
<th>Count (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very major challenge/concern</td>
<td>22 (21.78%)</td>
</tr>
<tr>
<td>Technical problems with hardware and software (electricity, viruses, etc.)</td>
<td></td>
</tr>
<tr>
<td>Not a challenge/concern</td>
<td>23 (22.55%)</td>
</tr>
<tr>
<td>Very minor challenge/concern</td>
<td>23 (22.55%)</td>
</tr>
<tr>
<td>Somewhat minor challenge/concern</td>
<td>18 (17.65%)</td>
</tr>
<tr>
<td>Somewhat major challenge/concern</td>
<td>16 (15.69%)</td>
</tr>
<tr>
<td>Very major challenge/concern</td>
<td>22 (21.57%)</td>
</tr>
<tr>
<td>Not enough time</td>
<td></td>
</tr>
<tr>
<td>Not a challenge/concern</td>
<td>24 (23.53%)</td>
</tr>
<tr>
<td>Very minor challenge/concern</td>
<td>10 (9.8%)</td>
</tr>
<tr>
<td>Somewhat minor challenge/concern</td>
<td>28 (27.45%)</td>
</tr>
<tr>
<td>Somewhat major challenge/concern</td>
<td>22 (21.57%)</td>
</tr>
<tr>
<td>Very major challenge/concern</td>
<td>18 (17.65%)</td>
</tr>
<tr>
<td>Too many people, not enough computers</td>
<td></td>
</tr>
<tr>
<td>Not a challenge/concern</td>
<td>23 (22.77%)</td>
</tr>
<tr>
<td>Very minor challenge/concern</td>
<td>9 (8.91%)</td>
</tr>
<tr>
<td>Somewhat minor challenge/concern</td>
<td>17 (16.83%)</td>
</tr>
<tr>
<td>Somewhat major challenge/concern</td>
<td>18 (17.82%)</td>
</tr>
<tr>
<td>Very major challenge/concern</td>
<td>34 (33.66%)</td>
</tr>
<tr>
<td>Lack of relevant content in my language</td>
<td></td>
</tr>
<tr>
<td>Not a challenge/concern</td>
<td>44 (45.36%)</td>
</tr>
<tr>
<td>Very minor challenge/concern</td>
<td>16 (16.49%)</td>
</tr>
<tr>
<td>Somewhat minor challenge/concern</td>
<td>19 (19.59%)</td>
</tr>
<tr>
<td>Somewhat major challenge/concern</td>
<td>12 (12.37%)</td>
</tr>
<tr>
<td>Very major challenge/concern</td>
<td>6 (6.19%)</td>
</tr>
</tbody>
</table>
Cost
- Not a challenge/concern
  26 (25.74%)
- Very minor challenge/concern
  13 (12.87%)
- Somewhat minor challenge/concern
  25 (24.75%)
- Somewhat major challenge/concern
  18 (17.82%)
- Very major challenge/concern
  19 (18.81%)

S.18 Do you use your school’s computers outside school hours?
- Yes
  23 (22.77%)
- No
  32 (31.68%)
- No, but I would like to
  46 (45.54%)

S.19 How would you describe the speed of your school’s Internet connection?
- Very slow
  23 (22.77%)
- Somewhat slow
  36 (35.64%)
- Medium speed
  22 (21.78%)
- Somewhat fast
  11 (10.89%)
- Very fast
  9 (8.91%)

S.20 How often does your school’s Internet connection work properly?
- Never
  37 (36.27%)
- Rarely
  24 (23.53%)
- Sometimes
  17 (16.67%)
- Usually
  18 (17.65%)
- Always
  6 (5.88%)

S.21 How often do you send and receive e-mail?
- Never (if so, then go directly to S.23)
  36 (36%)
- A few times every month
  10 (10%)
- A few times every week
  31 (31%)
- A few times every day
  15 (15%)
Many times every day
8 (8%)

S.22 If you use e-mail, whom do you use it to communicate with? (please select one response for each row of the question)

My friends/other students
- Never
  9 (11.39%)
- Rarely
  8 (10.13%)
- Sometimes
  9 (11.39%)
- Very often
  15 (18.99%)
- A lot
  38 (48.1%)

My teachers
- Never
  42 (53.16%)
- Rarely
  15 (18.99%)
- Sometimes
  16 (20.25%)
- Very often
  4 (5.06%)
- A lot
  2 (2.53%)

My family
- Never
  14 (17.95%)
- Rarely
  12 (15.38%)
- Sometimes
  16 (20.51%)
- Very often
  17 (21.79%)
- A lot
  19 (24.36%)

People in other countries
- Never
  10 (12.82%)
- Rarely
  13 (16.67%)
- Sometimes
  15 (19.23%)
- Very often
  13 (16.67%)
- A lot
  27 (34.62%)
S.23 How useful are the following people and tools in helping you learn? (please select one response for each row of the question)

Educational software and CD-ROMs
- Not useful
  17 (16.67%)
- A little useful
  29 (28.43%)
- Somewhat useful
  14 (13.73%)
- Very useful
  30 (29.41%)
- Necessary
  12 (11.76%)

World Wide Web
- Not useful
  10 (9.9%)
- A little useful
  9 (8.91%)
- Somewhat useful
  14 (13.86%)
- Very useful
  18 (17.82%)
- Necessary
  50 (49.5%)

E-mail
- Not useful
  6 (5.88%)
- A little useful
  17 (16.67%)
- Somewhat useful
  22 (21.57%)
- Very useful
  23 (22.55%)
- Necessary
  34 (33.33%)

Textbooks
- Not useful
  9 (9%)
- A little useful
  16 (16%)
- Somewhat useful
  32 (32%)
- Very useful
  23 (23%)
- Necessary
  20 (20%)

Teachers
- Not useful
  11 (10.89%)
A little useful
16 (15.84%)

Somewhat useful
14 (13.86%)

Very useful
20 (19.8%)

Necessary
40 (39.6%)

My friends/other students

Not useful
6 (5.88%)

A little useful
25 (24.51%)

Somewhat useful
18 (17.65%)

Very useful
29 (28.43%)

Necessary
24 (23.53%)

My parents

Not useful
19 (18.63%)

A little useful
21 (20.59%)

Somewhat useful
25 (24.51%)

Very useful
15 (14.71%)

Necessary
22 (21.57%)

S.24 How have computers affected the way you feel about school?

Computers have made me like school much less
11 (11%)

Computers have made me like school a little less
10 (10%)

Computers have not changed the way I feel about school
42 (42%)

Computers have made me like school a little more
23 (23%)

Computers have made me like school much more
14 (14%)

S.25 How have computers affected you as a student?

Computers have made me a much worse student
6 (5.94%)

Computers have made me a somewhat worse student
10 (9.9%)

Computers have not affected me as a student
30 (29.7%)

Computers have made me a somewhat better student
Computers have made me a much better student

S.26 How would you describe the attitudes toward computers of most teachers in your school?
- Most teachers really dislike using computers in their classes (8%)
- Most teachers somewhat dislike using computers in their classes (7%)
- Most teachers are indifferent about using computers in their classes (40%)
- Most teachers somewhat like using computers in their classes (29%)
- Most teachers really like using computers in their classes (16%)

S.27 How would you describe the attitudes toward computers of most other students in your school?
- Most other students really dislike using computers in their classes (6.86%)
- Most other students somewhat dislike using computers in their classes (12.75%)
- Most other students are indifferent about using computers in their classes (17.65%)
- Most other students somewhat like using computers in their classes (22.55%)
- Most other students really like using computers in their classes (40.2%)

S.28 Information that you find on the Internet
- Should never be believed (6.93%)
- Should rarely be believed (10.89%)
- Should sometimes be believed (39.6%)
- Should usually be believed (31.68%)
- Should always be believed (10.89%)

S.29 My parents
- Are not interested in my use of computers (11.88%)
- Are a little interested in my use of computers (12.87%)
- Are somewhat interested in my use of computers (17.82%)
- Are fairly interested in my use of computers (32.67%)
- Are very interested in my use of computers (24.75%)
S.30 The use of computers in school is
- Not at all important for my future jobs
  9 (9%)
- A little important for my future jobs
  9 (9%)
- Somewhat important for my future jobs
  17 (17%)
- Fairly important for my future jobs
  20 (20%)
- Very important for my future jobs
  45 (45%)

S.31 How do you prefer using computers in school?
- Always by myself
  34 (33.33%)
- Usually by myself
  14 (13.73%)
- Sometimes by myself and sometimes in a group
  32 (31.37%)
- Usually in a group
  14 (13.73%)
- Always in a group
  8 (7.84%)

S.32 Who helps you the most when you have trouble using a computer at school?
- Always other students
  11 (10.89%)
- Usually other students
  11 (10.89%)
- Sometimes other students and sometimes a teacher/computer lab supervisor
  46 (45.54%)
- Usually a teacher/computer lab supervisor
  17 (16.83%)
- Always a computer lab supervisor
  16 (15.84%)

S.33 How often do you use computers in school outside of normal class hours?
- Never
  49 (48.04%)
- A few times every month
  20 (19.61%)
- A few times every week
  20 (19.61%)
- A few times every day
  8 (7.84%)
- Many times every day
  5 (4.9%)