Global Networked Readiness for Education

Berkman Center for Internet & Society
The World Bank Institute

12/16/2003
Student Survey
India
World Links - India

- Number of Participating Schools: 10
- Number of Participants: 307

S.5 Your gender:
- Male
  113 (36.81%)
- Female
  194 (63.19%)

S.6 Your age:
- 9 or under
  0
- 10-12 years
  70 (22.8%)
- 13-15 years
  232 (75.57%)
- 16-18 years
  5 (1.63%)
- 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
  1 (0.33%)
- I dislike this a little
  188 (61.24%)
- I do not like or dislike this
  65 (21.17%)
- I like this a little
  46 (14.98%)
- I like this a lot
  7 (2.28%)

Computers
- I dislike this a lot
  5 (1.63%)
- I dislike this a little
  73 (23.78%)
- I do not like or dislike this
  8 (2.61%)
- I like this a little
  137 (44.63%)
- I like this a lot
  84 (27.36%)
Literature/humanities
- I dislike this a lot
  0
- I dislike this a little
  131 (43.09%)
- I do not like or dislike this
  90 (29.61%)
- I like this a little
  73 (24.01%)
- I like this a lot
  10 (3.29%)
Local/national language
- I dislike this a lot
  5 (1.63%)
- I dislike this a little
  18 (5.86%)
- I do not like or dislike this
  8 (2.61%)
- I like this a little
  199 (64.82%)
- I like this a lot
  77 (25.08%)
Other Language
- I dislike this a lot
  7 (2.31%)
- I dislike this a little
  28 (9.24%)
- I do not like or dislike this
  35 (11.55%)
- I like this a little
  201 (66.34%)
- I like this a lot
  32 (10.56%)
Mathematics
- I dislike this a lot
  0
- I dislike this a little
  9 (2.93%)
- I do not like or dislike this
  5 (1.63%)
- I like this a little
  189 (61.56%)
- I like this a lot
  104 (33.88%)
Music
- I dislike this a lot
  1 (0.33%)
- I dislike this a little
  7 (2.29%)
- I do not like or dislike this 147 (48.04%)
- I like this a little 99 (32.35%)
- I like this a lot 52 (16.99%)

Science
- I dislike this a lot 6 (1.96%)
- I dislike this a little 3 (0.98%)
- I do not like or dislike this 62 (20.26%)
- I like this a little 138 (45.1%)
- I like this a lot 97 (31.7%)

Social sciences/history
- I dislike this a lot 7 (2.29%)
- I dislike this a little 130 (42.48%)
- I do not like or dislike this 83 (27.12%)
- I like this a little 46 (15.03%)
- I like this a lot 40 (13.07%)

S.8 How many years have you been using computers?
- Less than 1 year 2 (0.65%)
- About 1-2 years 188 (61.24%)
- About 2-4 years 114 (37.13%)
- About 4-6 years 1 (0.33%)
- More than 6 years 2 (0.65%)

S.9 How often do you use a computer in school?
- Never 0
- About once a month 58 (18.95%)
- About once a week 238 (77.78%)
- Several times a week 10 (3.27%)
- Every day
S.10 How often do you use the Internet (websites and email) in school?
- Never
  0
- About once a month
  61 (19.93%)
- About once a week
  242 (79.08%)
- Several times a week
  3 (0.98%)
- Every day
  0

S.11 How much time do you spend during each session on the Internet at school?
- None
  0
- About 15 minutes
  240 (78.69%)
- About 30 minutes
  60 (19.67%)
- About 1 hour
  3 (0.98%)
- More than 1 hour
  2 (0.66%)

S.12 Who has taught you the most about computers? (check one)
- I have taught myself
  12 (3.91%)
- My teachers
  285 (92.83%)
- My friends/other students
  2 (0.65%)
- My family
  4 (1.3%)
- Training outside of school
  -2 (-0.65%)

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
  289 (94.14%)
- Rarely
  9 (2.93%)
- Sometimes
  1 (0.33%)
- Very often
  0
- A lot
  8 (2.61%)
At a friend/family’s home
- Never
  283 (92.18%)
- Rarely
  12 (3.91%)
- Sometimes
  4 (1.3%)
- Very often
  0
- A lot
  8 (2.61%)

At an Internet cafe or Telecentre
- Never
  42 (13.68%)
- Rarely
  40 (13.03%)
- Sometimes
  218 (71.01%)
- Very often
  1 (0.33%)
- A lot
  6 (1.95%)

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
  23 (7.49%)
- Rarely
  269 (87.62%)
- Sometimes
  15 (4.89%)
- Very often
  0
- A lot
  0

Computers
- Never
  0
- Rarely
  96 (31.48%)
- Sometimes
  35 (11.48%)
- Very often
  152 (49.84%)
- A lot
  22 (7.21%)

Literature/humanities
- Never
  109 (35.62%)
- Rarely
  160 (52.29%)
- Sometimes
  35 (11.44%)
- Very often
  1 (0.33%)
- A lot
  1 (0.33%)

Local/national language
- Never
  60 (19.61%)
- Rarely
  221 (72.22%)
- Sometimes
  9 (2.94%)
- Very often
  13 (4.25%)
- A lot
  3 (0.98%)

Other language
- Never
  110 (36.07%)
- Rarely
  146 (47.87%)
- Sometimes
  31 (10.16%)
- Very often
  11 (3.61%)
- A lot
  7 (2.3%)

Mathematics
- Never
  68 (22.15%)
- Rarely
  33 (10.75%)
- Sometimes
  59 (19.22%)
- Very often
  139 (45.28%)
- A lot
  8 (2.61%)

Music
- Never
  108 (35.41%)
- Rarely
  48 (15.74%)
- Sometimes
  133 (43.61%)
- Very often
<table>
<thead>
<tr>
<th>Activity</th>
<th>Never</th>
<th>Rarely</th>
<th>Sometimes</th>
<th>Very often</th>
<th>A lot</th>
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<tbody>
<tr>
<td>Practice keyboard/typing and basic computer skills</td>
<td>22 (7.17%)</td>
<td>169 (55.05%)</td>
<td>68 (22.15%)</td>
<td>3 (0.98%)</td>
<td>45 (14.66%)</td>
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<td>Science</td>
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<tr>
<td>Never</td>
<td>58 (18.89%)</td>
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<tr>
<td>Rarely</td>
<td>34 (11.07%)</td>
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<td>Sometimes</td>
<td>165 (53.75%)</td>
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<td>Very often</td>
<td>26 (8.47%)</td>
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<td>A lot</td>
<td>24 (7.82%)</td>
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<td>Social sciences/history</td>
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<td>Never</td>
<td>65 (21.24%)</td>
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<td>Rarely</td>
<td>116 (37.91%)</td>
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<td>Sometimes</td>
<td>54 (17.65%)</td>
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<tr>
<td>Very often</td>
<td>59 (19.28%)</td>
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<td>A lot</td>
<td>12 (3.92%)</td>
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<tr>
<td>Other</td>
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<tr>
<td>Never</td>
<td>48 (15.74%)</td>
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<tr>
<td>Rarely</td>
<td>122 (40%)</td>
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<tr>
<td>Sometimes</td>
<td>121 (39.67%)</td>
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<tr>
<td>Very often</td>
<td>9 (2.95%)</td>
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<td></td>
</tr>
<tr>
<td>A lot</td>
<td>5 (1.64%)</td>
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</tbody>
</table>

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)
Word processing, write papers
- Never
  141 (45.93%)
- Rarely
  69 (22.48%)
- Sometimes
  50 (16.29%)
- A lot
  12 (3.91%)
- Every time I use a computer at school
  35 (11.4%)

Use spreadsheet software
- Never
  138 (45.25%)
- Rarely
  96 (31.48%)
- Sometimes
  66 (21.64%)
- A lot
  5 (1.64%)
- Every time I use a computer at school
  0

Use presentation software
- Never
  47 (15.36%)
- Rarely
  150 (49.02%)
- Sometimes
  67 (21.9%)
- A lot
  40 (13.07%)
- Every time I use a computer at school
  2 (0.65%)

Use draw, paint, or graphics software
- Never
  1 (0.33%)
- Rarely
  15 (4.9%)
- Sometimes
  45 (14.71%)
- A lot
  241 (78.76%)
- Every time I use a computer at school
  4 (1.31%)

Computer science/programming
- Never
  38 (12.46%)
- Rarely
  102 (33.44%)
- Sometimes 
  66 (21.64%) 
- A lot 
  98 (32.13%) 
- Every time I use a computer at school 
  1 (0.33%) 

Create/maintain my own website 
- Never 
  92 (30.07%) 
- Rarely 
  109 (35.62%) 
- Sometimes 
  8 (2.61%) 
- A lot 
  97 (31.7%) 
- Every time I use a computer at school 
  0 

Find news and information on the Internet 
- Never 
  3 (0.98%) 
- Rarely 
  7 (2.29%) 
- Sometimes 
  23 (7.52%) 
- A lot 
  271 (88.56%) 
- Every time I use a computer at school 
  2 (0.65%) 

E-mail 
- Never 
  1 (0.33%) 
- Rarely 
  18 (5.86%) 
- Sometimes 
  32 (10.42%) 
- A lot 
  252 (82.08%) 
- Every time I use a computer at school 
  4 (1.3%) 

Chat 
- Never 
  12 (3.91%) 
- Rarely 
  14 (4.56%) 
- Sometimes 
  31 (10.1%) 
- A lot 
  248 (80.78%) 
- Every time I use a computer at school
Download music
- Never
  53 (17.26%)
- Rarely
  213 (69.38%)
- Sometimes
  23 (7.49%)
- A lot
  15 (4.89%)
- Every time I use a computer at school
  3 (0.98%)

Create/edit music, video, or photos
- Never
  55 (17.97%)
- Rarely
  208 (67.97%)
- Sometimes
  20 (6.54%)
- A lot
  19 (6.21%)
- Every time I use a computer at school
  4 (1.31%)

Play games
- Never
  1 (0.33%)
- Rarely
  4 (1.3%)
- Sometimes
  51 (16.61%)
- A lot
  240 (78.18%)
- Every time I use a computer at school
  11 (3.58%)

Access educational resources or CD-ROMs
- Never
  4 (1.32%)
- Rarely
  63 (20.86%)
- Sometimes
  44 (14.57%)
- A lot
  182 (60.26%)
- Every time I use a computer at school
  9 (2.98%)

S.16 What are your favorite activities using a computer? (please select one response for each row of the question)
Practice keyboard/typing and basic computer skills
- I dislike this a lot
47 (15.36%)
- I dislike this a little
192 (62.75%)
- I do not like or dislike this
11 (3.59%)
- I like this a little
12 (3.92%)
- I like this a lot
44 (14.38%)

Word processing, write papers
- I dislike this a lot
102 (33.22%)
- I dislike this a little
107 (34.85%)
- I do not like or dislike this
44 (14.33%)
- I like this a little
30 (9.77%)
- I like this a lot
24 (7.82%)

Use spreadsheet software
- I dislike this a lot
106 (34.64%)
- I dislike this a little
134 (43.79%)
- I do not like or dislike this
41 (13.4%)
- I like this a little
23 (7.52%)
- I like this a lot
2 (0.65%)

Use presentation software
- I dislike this a lot
182 (59.28%)
- I dislike this a little
18 (5.86%)
- I do not like or dislike this
50 (16.29%)
- I like this a little
32 (10.42%)
- I like this a lot
25 (8.14%)

Use draw, paint or graphics software
- I dislike this a lot
2 (0.65%)
- I dislike this a little
11 (3.59%)
- I do not like or dislike this
11 (3.59%)
- I like this a little
  240 (78.43%)
- I like this a lot
  42 (13.73%)

Computer science/programming
- I dislike this a lot
  4 (1.31%)
- I dislike this a little
  97 (31.8%)
- I do not like or dislike this
  52 (17.05%)
- I like this a little
  142 (46.56%)
- I like this a lot
  10 (3.28%)

Create/maintain my own website
- I dislike this a lot
  24 (7.82%)
- I dislike this a little
  126 (41.04%)
- I do not like or dislike this
  33 (10.75%)
- I like this a little
  118 (38.44%)
- I like this a lot
  6 (1.95%)

Find news & information on the Internet
- I dislike this a lot
  0
- I dislike this a little
  8 (2.61%)
- I do not like or dislike this
  15 (4.89%)
- I like this a little
  263 (85.67%)
- I like this a lot
  21 (6.84%)

E-mail
- I dislike this a lot
  0
- I dislike this a little
  2 (0.65%)
- I do not like or dislike this
  12 (3.91%)
- I like this a little
  259 (84.36%)
- I like this a lot
  34 (11.07%)
Chat

- I dislike this a lot
  1 (0.33%)
- I dislike this a little
  3 (0.98%)
- I do not like or dislike this
  15 (4.89%)
- I like this a little
  253 (82.41%)
- I like this a lot
  35 (11.4%)

Download music

- I dislike this a lot
  33 (10.82%)
- I dislike this a little
  128 (41.97%)
- I do not like or dislike this
  85 (27.87%)
- I like this a little
  36 (11.8%)
- I like this a lot
  23 (7.54%)

Create/edit music, video, or photos

- I dislike this a lot
  33 (10.78%)
- I dislike this a little
  180 (58.82%)
- I do not like or dislike this
  31 (10.13%)
- I like this a little
  26 (8.5%)
- I like this a lot
  36 (11.76%)

Play games

- I dislike this a lot
  0
- I dislike this a little
  2 (0.66%)
- I do not like or dislike this
  6 (1.97%)
- I like this a little
  220 (72.37%)
- I like this a lot
  76 (25%)

Access educational resources or CD-ROMs

- I dislike this a lot
  2 (0.66%)
- I dislike this a little
  64 (21.19%)
- I do not like or dislike this
  23 (7.62%)
- I like this a little
  181 (59.93%)
- I like this a lot
  32 (10.6%)

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
  58 (18.89%)
- Very minor challenge/concern
  240 (78.18%)
- Somewhat minor challenge/concern
  3 (0.98%)
- Somewhat major challenge/concern
  5 (1.63%)
- Very major challenge/concern
  1 (0.33%)

Lack of confidence and comfort using computers
- Not a challenge/concern
  207 (67.65%)
- Very minor challenge/concern
  82 (26.8%)
- Somewhat minor challenge/concern
  11 (3.59%)
- Somewhat major challenge/concern
  6 (1.96%)
- Very major challenge/concern
  0

Being exposed to inappropriate information and images for young people
- Not a challenge/concern
  16 (5.21%)
- Very minor challenge/concern
  6 (1.95%)
- Somewhat minor challenge/concern
  12 (3.91%)
- Somewhat major challenge/concern
  239 (77.85%)
- Very major challenge/concern
  34 (11.07%)

Theft of personal information/privacy concerns
- Not a challenge/concern
  8 (2.61%)
- Very minor challenge/concern
  11 (3.58%)
- Somewhat minor challenge/concern
  34 (11.07%)
- Somewhat major challenge/concern
  0
247 (80.46%)
- Very major challenge/concern
7 (2.28%)

Technical problems with hardware and software (electricity, viruses, etc.)
- Not a challenge/concern
  1 (0.33%)
- Very minor challenge/concern
  11 (3.61%)
- Somewhat minor challenge/concern
  37 (12.13%)
- Somewhat major challenge/concern
  243 (79.67%)
- Very major challenge/concern
  13 (4.26%)

Not enough time
- Not a challenge/concern
  2 (0.66%)
- Very minor challenge/concern
  6 (1.97%)
- Somewhat minor challenge/concern
  12 (3.93%)
- Somewhat major challenge/concern
  268 (87.87%)
- Very major challenge/concern
  17 (5.57%)

Too many people, not enough computers
- Not a challenge/concern
  1 (0.33%)
- Very minor challenge/concern
  2 (0.66%)
- Somewhat minor challenge/concern
  9 (2.95%)
- Somewhat major challenge/concern
  241 (79.02%)
- Very major challenge/concern
  52 (17.05%)

Lack of relevant content in my language
- Not a challenge/concern
  4 (1.31%)
- Very minor challenge/concern
  2 (0.65%)
- Somewhat minor challenge/concern
  9 (2.94%)
- Somewhat major challenge/concern
  233 (76.14%)
- Very major challenge/concern
  58 (18.95%)
Cost
- Not a challenge/concern
  3 (0.98%)
- Very minor challenge/concern
  1 (0.33%)
- Somewhat minor challenge/concern
  6 (1.97%)
- Somewhat major challenge/concern
  229 (75.08%)
- Very major challenge/concern
  66 (21.64%)

S.18 Do you use your school’s computers outside school hours?
- Yes
  4 (1.3%)
- No
  253 (82.41%)
- No, but I would like to
  50 (16.29%)

S.19 How would you describe the speed of your school’s Internet connection?
- Very slow
  8 (2.61%)
- Somewhat slow
  227 (73.94%)
- Medium speed
  64 (20.85%)
- Somewhat fast
  4 (1.3%)
- Very fast
  4 (1.3%)

S.20 How often does your school’s Internet connection work properly?
- Never
  2 (0.65%)
- Rarely
  228 (74.27%)
- Sometimes
  19 (6.19%)
- Usually
  49 (15.96%)
- Always
  9 (2.93%)

S.21 How often do you send and receive e-mail?
- Never (if so, then go directly to S.23)
  5 (1.63%)
- A few times every month
  282 (91.86%)
- A few times every week
  16 (5.21%)
- A few times every day
  1 (0.33%)
Many times every day
3 (0.98%)
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
  12 (3.96%)
- Rarely
  192 (63.37%)
- Sometimes
  54 (17.82%)
- Very often
  36 (11.88%)
- A lot
  9 (2.97%)
My teachers
- Never
  27 (8.91%)
- Rarely
  93 (30.69%)
- Sometimes
  172 (56.77%)
- Very often
  4 (1.32%)
- A lot
  7 (2.31%)
My family
- Never
  15 (4.95%)
- Rarely
  175 (57.76%)
- Sometimes
  96 (31.68%)
- Very often
  9 (2.97%)
- A lot
  8 (2.64%)
People in other countries
- Never
  51 (16.94%)
- Rarely
  192 (63.79%)
- Sometimes
  55 (18.27%)
- Very often
  2 (0.66%)
- A lot
  1 (0.33%)
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: 5 (1.63%)
- A little useful: 7 (2.29%)
- Somewhat useful: 15 (4.9%)
- Very useful: 269 (87.91%)
- Necessary: 10 (3.27%)

**World Wide Web**
- Not useful: 0
- A little useful: 6 (1.95%)
- Somewhat useful: 22 (7.17%)
- Very useful: 267 (86.97%)
- Necessary: 12 (3.91%)

**E-mail**
- Not useful: 3 (0.98%)
- A little useful: 6 (1.96%)
- Somewhat useful: 18 (5.88%)
- Very useful: 262 (85.62%)
- Necessary: 17 (5.56%)

**Textbooks**
- Not useful: 0
- A little useful: 6 (1.95%)
- Somewhat useful: 5 (1.63%)
- Very useful: 241 (78.5%)
- Necessary: 55 (17.92%)

**Teachers**
- Not useful: 0
● A little useful
  0
● Somewhat useful
  81 (27.27%)
● Very useful
  171 (57.58%)
● Necessary
  45 (15.15%)

My friends/other students

● Not useful
  1 (0.33%)
● A little useful
  2 (0.65%)
● Somewhat useful
  119 (38.76%)
● Very useful
  173 (56.35%)
● Necessary
  12 (3.91%)

My parents

● Not useful
  1 (0.33%)
● A little useful
  83 (27.21%)
● Somewhat useful
  158 (51.8%)
● Very useful
  41 (13.44%)
● Necessary
  22 (7.21%)

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

● Computers have made me like school much less
  1 (0.33%)
● Computers have made me like school a little less
  2 (0.65%)
● Computers have not changed the way I feel about school
  9 (2.93%)
● Computers have made me like school a little more
  243 (79.15%)
● Computers have made me like school much more
  52 (16.94%)

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

● Computers have made me a much worse student
  1 (0.33%)
● Computers have made me a somewhat worse student
  2 (0.65%)
● Computers have not affected me as a student
  19 (6.21%)
● Computers have made me a somewhat better student
229 (74.84%)
- Computers have made me a much better student
55 (17.97%)

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
  1 (0.33%)
- Most teachers somewhat dislike using computers in their classes
  1 (0.33%)
- Most teachers are indifferent about using computers in their classes
  12 (3.93%)
- Most teachers somewhat like using computers in their classes
  239 (78.36%)
- Most teachers really like using computers in their classes
  52 (17.05%)

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
  0
- Most other students somewhat dislike using computers in their classes
  3 (0.98%)
- Most other students are indifferent about using computers in their classes
  8 (2.61%)
- Most other students somewhat like using computers in their classes
  236 (77.12%)
- Most other students really like using computers in their classes
  59 (19.28%)

S.28 Information that you find on the Internet
- Should never be believed
  2 (0.65%)
- Should rarely be believed
  6 (1.95%)
- Should sometimes be believed
  93 (30.29%)
- Should usually be believed
  199 (64.82%)
- Should always be believed
  7 (2.28%)

S.29 My parents
- Are not interested in my use of computers
  0
- Are a little interested in my use of computers
  0
- Are somewhat interested in my use of computers
  11 (3.59%)
- Are fairly interested in my use of computers
  247 (80.72%)
- Are very interested in my use of computers
  48 (15.69%)
S.30 The use of computers in school is
- Not at all important for my future jobs 0
- A little important for my future jobs 8 (2.64%)
- Somewhat important for my future jobs 33 (10.89%)
- Fairly important for my future jobs 215 (70.96%)
- Very important for my future jobs 47 (15.51%)

S.31 How do you prefer using computers in school?
- Always by myself 9 (2.97%)
- Usually by myself 4 (1.32%)
- Sometimes by myself and sometimes in a group 219 (72.28%)
- Usually in a group 62 (20.46%)
- Always in a group 9 (2.97%)

S.32 Who helps you the most when you have trouble using a computer at school?
- Always other students 10 (3.27%)
- Usually other students 13 (4.25%)
- Sometimes other students and sometimes a teacher/computer lab supervisor 74 (24.18%)
- Usually a teacher/computer lab supervisor 172 (56.21%)
- Always a computer lab supervisor 37 (12.09%)

S.33 How often do you use computers in school outside of normal class hours?
- Never 260 (89.97%)
- A few times every month 16 (5.54%)
- A few times every week 7 (2.42%)
- A few times every day 6 (2.08%)
- Many times every day 0