New Hampshire SCHOOL Technology Survey 2008-09
Technology Access

This survey is available in MS-Word format for download at www.nheon.org/oet.
Questions? Send an email to chiggins@ed.state.nh.us
IMPORTANT NOTES ABOUT THIS SURVEY

Designed as a comprehensive assessment of the overall technology environment within NH schools, this survey data can assist technology decision makers at both the local and state level. There is a companion survey for the district level with DIFFERENT questions. (Note: If your district is composed of a single school, you will still complete **both** the district and the school surveys because **the questions are different**.)

The New Hampshire Department of Education (NHDOE) relies on this survey data to evaluate the extent to which the state and its schools are effectively implementing technology plans and programs. Survey data also helps verify compliance with federal and state technology requirements.

The school survey is divided into TWO parts for ease of data entry and analysis:

(1) Technology Access (hardware, connectivity to online resources, service & support)

(2) ICT Literacy and Professional Development

This part contains ONLY the **Technology Access** questions. Go to NHEON.org/oet/survey for part 2 of this survey or to access the district survey. Please be sure to consult with other staff in your school to provide the most informed answers possible. For your convenience in gathering data for this survey, it is available in MS-Word format. We strongly encourage you to download the Word version and save your responses in Word format for future reference.

This SURVEY will CLOSE on March 16, 2009.

General

1. School name	**405 out of 456*** school buildings responded (89%)
	*some schools are combined into one building. There are 478 total schools in NH.

2. **Level 0 -** How many computers (Mac or PC) are still used but too old to count according to Level A,B,C descriptions? (Note: do not include these numbers in any other questions.)	**Total** = 4,754 (8%)
3. How many **Apple Mac** computers do you have for instruction at each level? **Level A** - Mac G4 **Level B -** Mac G5 **Level C -** Mac Intel	**Level A** = 5,139 (9%) **Level B** = 386 (.6%) **Level C** = 4,795 (8%)
	Total Macs 10,320 (17%)
4. How many **PC** computers do you have for instruction at each level (including desktops and regular laptops but not mini-laptop)? **Level A** – 1 GHz processor **Level B –** Better than 1 GHz up to 2GHz processor speed **Level C –** Better than 2 GHz processor speed	**Level A** = 3,125 (5%) **Level B** = 15,365 (26%) **Level C** = 21,388 (36%)
	Total PCs 39, 878 (67%)
5. How many **Thin Client** computers (running Citrix Windows, Linux, or some similar configuration to create thin clients) do you have for instruction?	**Total** = 3,331 (6%)

6. How many **Sub-notebook** computers do you have for instruction (i.e., netbooks, mini-laptops)?	**Total** = 1,043 (2%)
	Total = 59,326

Instructional Rooms and Locations of Instructional Computers

7. How many **instructional** rooms are in your building? **(Please include classrooms, library, computer labs, and other rooms used for group instruction.)**	**Total** = 12,718
8. How many **MOBILE LABS** with computers are in your building, if any? **(NOTE: Please count each lab cart or set, but not individual computers.)**	**Total** = 653

9. Please indicate the total number of computers (combine all Levels A,B,C, thin client, subnotebook) located in each instructional area listed below and available for student use:

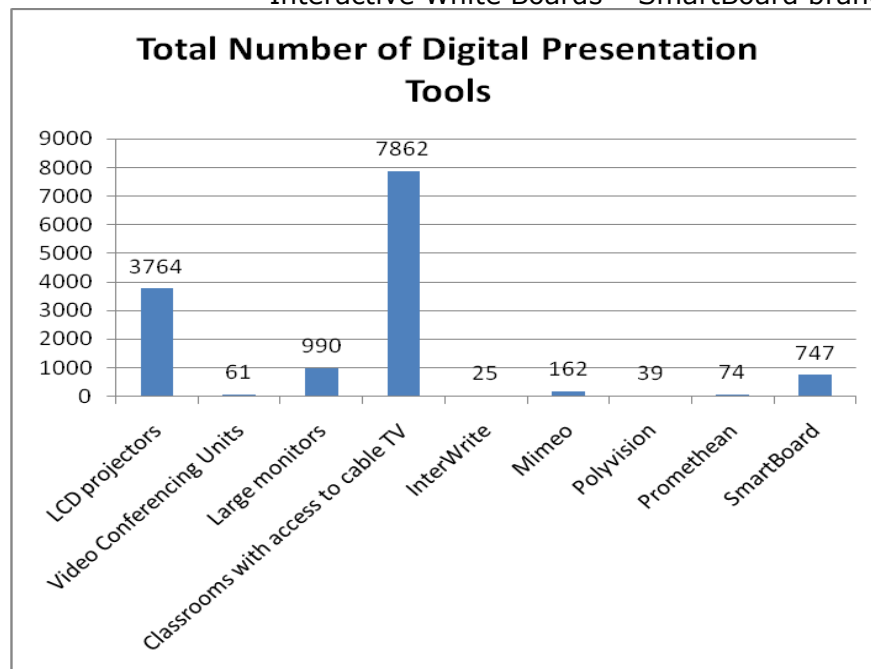|	
Laptop computers (all sizes) on mobile lab carts (**don't double-count below**)	**Total** = 51,656
Computers (desktop/laptop) regularly situated in labs and/or classrooms	**Total** = 32,218
Computers (desktop/laptop) in media centers	**Total** = 4,351
Computers dedicated to students with special needs	**Total** = 1,976
Computers dedicated to a regional career & technical center	**Total** = 2,288

Computers for Teachers' Professional Use

1. How many teachers in your school have been provided with their own computer for their professional use (i.e., to prepare classroom materials and engage in professional development)?	**With desktop computers** = 9,136
	With laptop computers = 4,587

Digital Presentation Tools

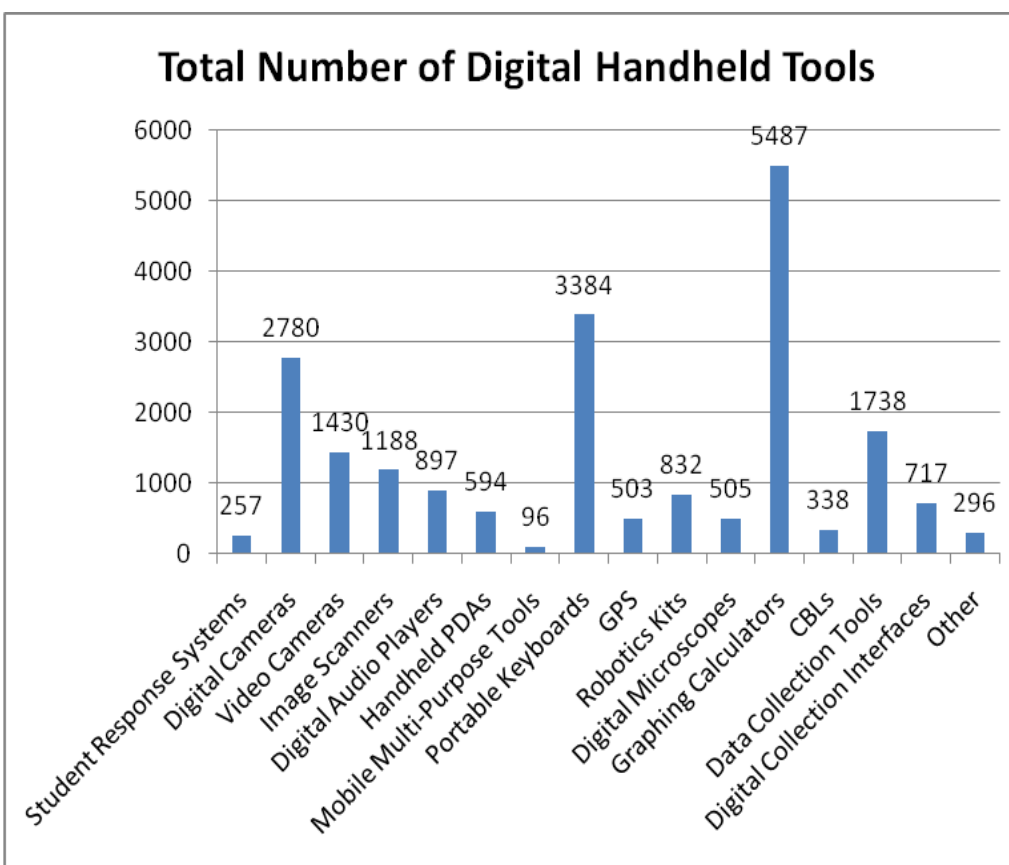2. How many of each type of *digital presentation tool* is available for use in your school?

Digital data / LCD projectors	3,764
Video conferencing units (e.g., Tandberg, PictureTel, Zydacron, etc.)	61
Large monitors (i.e., 32" or larger)	990
Classrooms with access to cable TV	7,862
Interactive White Boards - InterWrite brand	25
Interactive White Boards – Mimeo brand	162
Interactive White Boards – PolyVision brand	39
Interactive White Boards – Promethean brand	74
Interactive White Boards – SmartBoard brand	747

Total Number of Digital Presentation Tools

Digital Handheld Tools

3. <u>How many</u> of each type of **digital handheld tool** is available for use *by students* in your school?

Classroom set of student response systems (i.e., clickers)	257
Digital cameras (still images, may have limited video capacity)	2,780
Digital Video cameras	1,430
Image scanners	1,188
Portable digital **audio** players (e.g., MP3, Playaways, Archos)	897
PDA Handhelds (e.g., Palm, Handspring)	594
Mobile multi-purpose tools (i.e., iPod Touch, iPhone, Nintendo DS)	96
Portable keyboards (e.g., AlphaSmarts but not laptop computers)	3,384
Global Positioning System (GPS Units)	503
Robotics kits (e.g., Lego, Vex)	832
Digital microscopes	505
Graphing calculators	5,487
Calculator Based Labs (CBLs) for use with graphing calculators (see www.vernier.com/mbl/cbl2.html)	338
Data collection tools (e.g., sensors and probes)	1,738
Data collection interfaces/loggers (e.g., Vernier LabPros, Hobo Loggers)	717
Other digital tools not listed above	296

Total Number of Digital Handheld Tools

Technology Access: Software

There are no software questions on this survey because all software questions are directed at the district level. This includes student information systems, data warehousing, library automation, Internet filtering, adaptive assessment, and curriculum mapping software.

Technology Access: Connectivity to Online Resources

Wireless access

4. How many wireless access points to the Internet do you have in your school?

Open access (no network key or password)	659 (.2%)

Protected access (requires network key)	310,016 (99.7%)
Total number of access points	310, 675

5. Please tell us about your student profiles/account setup on your school or district network (i.e., students have access to storage of files over the network).
   Please check all that apply to your SCHOOL not your district.

We do not have any student accounts setup on our server	90
Grades K-2 have student accounts on our server	156
Grades 3-5 have student accounts on our server	196
Grades 6-7 have student accounts on our server	159
Grade 8 has student accounts on our server	124
Grades 9-12 have student accounts on our server	75
Our students can access their accounts outside of the school building	28
Our school allows students to regularly send or receive emails through the school network using either school supplied or web based email accounts	51
Our school has conducted surveys to determine the percentage of students with internet access at home	80

6. If you have conducted surveys regarding home Internet access, what is the percentage of students that have Internet access at home?

Less than 50%	13
Between 50-75%	26
Between 75-89%	47
More than 90%	58

7. How much storage space do you allow each student? (This is a per student amount, not the total space available on your server.)

Less than 10MB per student	27 (7%)
Between 10MB – 99MB per student	80 (20%)
Between 100MB – 499MB per student	73 (18%)
Between 500MB – 1GB per student	14 (3%)
More than 1GB per student	20 (5%)
Unlimited storage per student	128 (32%)
No response	63 (15%)
Total	405

Storage Space per Student

8. Please tell us about your teacher/staff access to file storage, email accounts, and editable web pages on your school or district network.
   Please check all that apply to your SCHOOL not your district.

We do not have any teacher accounts set up on our network	12
All teachers have accounts set up on our network (i.e., teachers have access to file storage on the network)	374
Our staff can access their files outside of school via web access	89
Our school provides email accounts for all staff	385
All staff can access their email accounts outside of school via web access	389
We have a policy or expectation for teachers to use their school **email address** as a primary school communication tool *(NOTE: This applies to use of a school provided email address, not an email account through hotmail, yahoo, etc.)*	341
We have a policy or expectation for teachers to **maintain a class web page** for access by parents and students to homework assignments and other information	131

9. Do teachers in your school indicate that Internet connection speed is adequate for their teaching needs? (NOTE: If you have it, use locally gathered data to respond to this question. Otherwise, please respond based on general discussions with teachers over the past year.)

Most teachers are satisfied with the current internet connection speed for planning regular classroom activities that use the internet	252 (62%)
About half of our teachers are satisfied with the current internet connection speed	97 (24%)
Few of our teachers are satisfied with the current internet connection speed	52 (13%)
No response	4 (.9%)
Total	405

Online Content for Students
Please consult with the school guidance counselor(s) to answer the following questions.

10. Does your school currently purchase Internet based distance learning **content for students as supplementary material** to classroom learning? *Please check all that apply.*

None	139
Enchanted Learning	63
Grolier Online	91
Nettrekker	108
PLATO Learning	45
Other	88 (Brain Pop, World Book, Study Island, Atomic Learning, Discovery Education, Discovery Streaming, TeachingBooks.net)
Total	534

11. Does your school currently use a **course management system** for posting class materials, homework assignments, or other course work?

None	261 (64%)
Angel	5 (1%)
Blackboard	3 (1%)
Moodle	67 (17%)
Sakai	9 (2%)
Other	55 (Edline, Power School, Teacher Websites)(14%)
No response	5 (1%)
Total	405

12. Does your school currently use a **digital portfolio solution** for creating, viewing, and assessing student portfolios?

None	223 (55%)
Adobe Acrobat Pro	36 (9%)
Mahara	2 (.5%)
Moodle Moo-folio	30 (7%)

Richer Picture	14 (3%)
Sakai OSP	7 (2%)
Other	90 (Angel, Windows Server Folders, GoogleApps, Sharepoint)(22%)
No response	3 (.5%)
Total	402

13. Does your school currently purchase Internet based distance learning **courses** for students as alternatives to face to face courses? *Please check all that apply.*

None	315 (77%)
Virtual High School (GoVHS)	28 (7%)
Virtual Learning Academy Charter School	51 (13%)
Other	9 (NovaNET, other)(2%)
No response	2 (.5%)
Total	403

14. Does your school currently use **two-way, real time video conferencing** for distance learning for <u>students</u>? *Please check all that apply.*

None	301
Adobe Breeze	5
Elluminate	2
Granite State Distance Learning Network (GSDLN)	15
iChat	14
NetMeeting	3
Skype	55
Other	20 (Tandberg 2500, Polycom)
Total	415

Online Content for Teachers

15. Does your school currently use **two-way, real time video conferencing** for distance learning for <u>teachers</u>? *Please check all that apply.*

None	314
Adobe Breeze	5
Elluminate	3
Granite State Distance Learning Network (GSDLN)	24
iChat	9
NetMeeting	2
Skype	45
Other	16 (Tandberg 2500, Polycom)
Total	418

Technology Access: Service & Support

Please help us understand your school's tech support model.

16. Please help us understand your in-school tech support model by checking each box if it applies to your school:	Hardware Maintenance	Software Support	Curriculum Integration
We have one or more <u>paid full time</u> staff dedicated to this at our school.	174 (43%)	171 (42%)	113 (28%)
We have one or more paid <u>part time</u> staff dedicated to this at our school.	122 (30%)	108 (27%)	88 (22%)
We provide <u>stipends</u> to one or more school staff as a building technology expert to handle these issues.	51 (13%)	64 (16%)	50 (12%)
We have a <u>student program</u> to provide support for this (i.e., GenYes or other).	3 (1%)	1 (.2%)	0
We have IT support from staff and/or students **without** specific compensation.	55 (14%)	58 (14%)	51 (13%)
No response	0	3 (1%)	103 (25%)
Total	405	405	405

17. Are the majority of support services in your school (i.e., hardware, applications, and curriculum integration) provided by the same person(s)?	
Yes	271 (67%)
No	126 (30%)
No response	12 (3%)
Total	405
18. If the tech coordinator for your school also serves in other capacities, what are those other positions (i.e., principal, teacher, library media specialist, etc.)? **Teacher, Assistant Principal, Administrative Assistant, Paraprofessional**	

WHEN YOU ARE DONE GATHERING YOUR DATA FOR THIS SURVEY, ENTER YOUR DATA ONLINE USING THE LINK PROVIDED. (The link was e-mailed to each district tech coordinator. Contact chiggins@ed.state.nh.us if you did not receive it.)