Table C-2 Connectedness, school year 2003-04

	All schools		onal level of school	l	Location of sc	hool	All schools	Type of scho	ool	Siz	e of school	
		lementary S	econdary	Mixed	Urban	Rural	_	Public	Private	Small	Medium	Large
of schools with Internet-connected computers	97.7	98.2	99.1	92.4	98.1	96.5	97.7	99.2	85.4	94.1	98.9	99.7
Average number of Internet-connected computers	66.3	48.4	127.8	49.3	73.9	45.1	66.3	69.4	42.4	28.4	60.9	105.3
% of Internet-connected computers												
by type	94.6	95.7	94.8	87.7	94.6	94.3	94.6	95.8	77.1	93.4	04.0	94.7
Desktop	94.6 5.5	4.3	94.8 5.2	12.3	5.4	94.3 5.7	5.5	95.8 4.2	22.9	93.4 6.6	94.8 5.2	5.3
Laptops and Notebooks	5.5	4.3	5.2	12.3	5.4	5.7	5.5	4.2	22.9	0.0	5.2	5.5
by processor speed <sup>1</sup> Low speed	25.4	30.8	20.5	20.6	24.7	28.4	25.4	26.2	13.8	32.2	26.0	23.4
Medium speed	56.7	54.1	59.3	57.5	57.3	53.7	56.7	57.0	52.5	49.7	55.4	59.1
High speed	16.9	13.8	19.3	21.1	16.9	17.0	16.9	15.8	31.2	17.2	17.3	16.6
Other speed	1.1	1.3	0.9 *	0.8 *	1.1	0.9 *	1.1	1.0	F	0.9 *	1.3	1.0 *
by location												
Classrooms and portables	39.2	49.2	28.7	36.5	39.6	37.3	39.2	39.5	34.9	37.3	38.0	40.2
Computer labs	46.7	38.6	55.6	46.9	46.2	49.2	46.7	47.1	40.8	49.4	47.3	45.7
Libraries Other location	7.8 6.4	7.5 4.8	8.3 7.4	7.0 9.6	7.9 6.4	7.2 6.2	7.8 6.4	7.9 5.5	6.4 17.9 *	6.6 6.8	8.2 6.5	7.8 6.2
	0.4	4.0	7.4	9.0	6.4	0.2	0.4	5.5	17.9	0.0	0.5	0.2
Student to Internet-connected computer ratio (median)  Canada	5.5	6.0	4.6	4.1	5.9	4.2	5.5	5.4	6.7	3.9	5.4	6.8
Newfoundland and Labrador	5.0	6.5	4.7	3.8	6.5	4.2	5.0	5.1	3.3	3.4	5.1	6.7
Prince Edward Island	5.6	5.6	5.7	5.9	6.5	5.4	5.6	5.6	F	3.6	6.1	6.5
Nova Scotia	5.1	6.2	4.7	4.1	5.5	4.4	5.1	5.1	5.6 *	4.3	5.7	4.8
New Brunswick	5.0	5.3	4.0	5.1	5.5	4.2	5.0	4.9	8.0 **	3.5	5.6	
												6.3
Quebec	6.5	6.4 6.4	6.9 4.4	5.3 4.8	7.0 6.0	4.6 4.9	6.5 5.8	6.4	7.4 6.0	4.2 4.3	6.7 5.6	7.8
Ontario Manitoba	5.8 4.2	6.4 4.6	4.4 3.6	4.8 4.1	6.0 4.8	4.9 3.3	5.8 4.2	5.8 4.2	5.8	4.3 3.3	5.6 4.5	6.9 6.0
Manitoba Saskatchewan	4.2	4.6	3.6	3.3	4.8 4.8	3.3	4.2	4.2	3.4	3.3	4.5	5.4
Alberta	4.5	5.0	4.1	4.2	4.7	3.5	4.5	4.5	4.2	3.7	4.5	5.2
British Columbia	5.6	6.0	5.0	3.8	6.0	3.6	5.6	5.4	7.1 *	3.8	5.6	6.8
Yukon	2.9	4.8	3.5	2.5	3.6	2.6	2.9	2.9	 F	2.9	2.7	5.6
Northwest Territories	3.9	4.6	4.2	2.8	4.2	3.9	3.9	3.7	F	2.1	4.0	4.3
Nunavut	4.8	9.3	4.1	3.9	4.3	5.0	4.8	4.8	F	4.1	5.2	9.3
% of schools by methods to access the Internet												
Dial-up access <sup>2</sup>	8.6	8.0	3.9	21.1	4.5	20.7	8.6	7.2	22.7	19.0	6.0	2.7
Always on <sup>3</sup>	85.8	84.2	93.2	79.6	89.3	75.6	85.8	86.4	79.4	77.1	87.9	90.8
Cable modem	15.3	16.7	12.4	13.6	17.2	9.8	15.3	14.7	20.3	14.7	16.7	14.5
High-speed line (ISDN/DSL) or Frame relay	31.6	30.5	32.1	36.4	33.1	27.2	31.6	29.7	49.0	31.6	33.1	30.1
T1 line	11.6	9.4	19.9	7.6	12.3	9.7	11.6	12.3	5.4	9.8	11.5	13.2
Optical fibre	22.8	23.6	29.1	6.6	26.9	11.1	22.8	24.9	4.0 *	13.5	20.7	32.5
Fixed wireless (terrestrial) devices	7.6	7.2	8.1	9.5	6.5	11.1	7.6	7.9	4.9	8.0	8.2	6.8
Satellite connection	4.9	4.2	2.5	13.7	2.4	12.4	4.9	5.3	2.3 **	6.8	5.9	2.5
Unknown type	9.5	11.6	5.5	5.7	9.1	10.7	9.5	10.4	1.3	9.6	9.8	9.1
% of schools with Intranet	76.2	78.5	79.8	58.4	78.7	69.0	76.2	80.3	44.2	62.3	80.1	84.9
% of schools with intranet Internal to the school network	33.6	78.5 31.5	79.8 37.7	37.2	78.7 34.1	32.4	33.6	32.5	44.2 41.4	30.1	35.8	34.7
Internal to the school jurisdiction's network	49.5	55.0	37.7 47.8	24.5	53.2	32.4	49.5	32.5 55.5	41.4 3.6 *	35.6	52.4	59.1
Internal to the scribor phisalction's network  Internal to the provincial/territorial education system's network	10.4	10.3	10.7	10.4	9.9	11.7	10.4	11.5	1.8 *	9.2	12.4	9.4
						·						
% of schools with Website	74.3	72.7	85.8	63.0	78.2	63.3	74.3	75.2	67.2	60.0	77.8	84.1
Formal corporate/administrative site Non-administrative/informal site	49.5 44.2	48.0 42.1	57.8 55.3	42.8 35.6	52.9 46.6	39.8 37.4	49.5 44.2	49.6 45.8	49.0 31.1	40.8 30.2	51.7 46.7	55.2 54.5
% of schools by proportion of teachers or students with e-mail accounts												
% of schools by proportion of teachers of students with e-mail accounts  Teachers												
Less than 25%	10.3	10.4	8.7	12.9	9.9	11.6	10.3	7.4	37.5	15.0	9.1	7.5
From 25% to 49%	2.9	2.6	3.0	4.3	2.6	3.7	2.9	2.3	8.4	3.9	3.5	1.5 *
From 50% to 74%	3.1	3.2	2.6	3.6 *	2.9	3.6	3.1	2.8	5.6 *	4.0	2.7	2.8
75% or more	83.7	83.8	85.8	79.2	84.6	81.1	83.7	87.6	48.5	77.1	84.8	88.3
Students												
Less than 25%	76.8	80.7	68.9	70.5	77.2	75.8	76.8	76.3	81.6	78.8	74.4	77.5
From 25% to 49%	3.1	3.4	1.2 *	4.8	2.8	3.8	3.1	3.1	2.8 *	3.1	3.6	2.6
From 50% to 74% 75% or more	2.6 17.6	2.5 13.4	1.3 * 28.7	5.2 19.5	2.4 17.7	3.1 17.3	2.6 17.6	2.5 18.1	2.8 * 12.7	2.1 16.0	2.6 19.4	2.9 17.1
					40.0				40.7	40.0	40.0	
6 of schools with students participating in online courses Through a virtual school	14.2 4.0	3.3 1.5	36.1 9.0	30.4 7.6	12.9 3.8	17.7 4.6	14.2 4.0	14.6 4.0	10.7 3.5 *	12.2 2.9	13.6 3.7	16.5 5.2
Through electronic or online courses developed by the school												
poard/district/jurisdiction/province or territory	8.5	1.3	24.2	17.7	7.6	11.2	8.5	9.2	3.5 *	7.1	8.0	10.4
Through electronic or online courses developed by another	4 =	4.0		40.7			4.5					
board/district/jurisdiction/province or territory	4.3 1.8	1.0 1.0	10.1 4.0	10.7 2.2 *	3.7 1.9	6.2 1.7	4.3 1.8	4.4 1.8	3.2 * 1.7 **	4.0 1.9	4.8 1.6	4.2
Other	1.8	1.0	4.0	Z.Z *	1.9	1.7	1.8	1.8	1.7 **	1.9	1.6	1.9

### Footnotes

### **Symbols and abbreviations:**

- ... Not applicable
- x Suppressed to meet confidentiality requirements of the Statistics Act
- Numbers marked with this symbol have a coefficient of variation between 16.6% and 25% and are less reliable than unmarked numbers
- \*\* Numbers marked with this symbol have a coefficient of variation greater than 25% and less or equal to 33.3% and are very unreliable
- F Too unreliable to be published (coefficient of variation surpasses 33.3%)
- 0 Nul, zero or too small to be expressed

#### Infrastructure:

#### Notes:

- 1. Processor speeds are measured in Megahertz (MHz), with each MHz representing one million cycles per second (the number of times the computer processor is able to perform a task). Computers with low processor speed include those with processors in the range of 66-233 MHz (e.g. 486, Pentium® I). Computers with medium processor speed typically range in the area of 233 MHz all the way up to 1.4 GHz (Gigahertz) (e.g. Pentium® II/III, AppleTM G3). The most recent generation of processors on the market, classed as having high processor speed, are typically available in speeds of 1.3 GHz to 3.8 GHz and sometimes higher (e.g. Pentium® IV, AppleTM G5).
- 2. Computers with most recent operating systems were computers running with the latest version of operating systems (e.g. WindowsTM NT/2000/XP, MACTM OSX) at the time of the survey.

Source: Information and Communications Technologies in Schools Survey, 2003-2004

### Connectedness:

#### Notes:

- 1. Processor speeds are measured in Megahertz (MHz), with each MHz representing one million cycles per second (the number of times the computer processor is able to perform a task). Computers with low processor speed include those with processors in the range of 66-233 MHz (e.g. 486, Pentium® I). Computers with medium processor speed typically range in the area of 233 MHz all the way up to 1.4 GHz (Gigahertz) (e.g. Pentium® II/III, AppleTM G3). The most recent generation of processors on the market, classed as having high processor speed, are typically available in speeds of 1.3 GHz to 3.8 GHz and sometimes higher (e.g. Pentium® IV, AppleTM G5).
- 2. Dial-up access is defined as "Regular dial-up telephone line with a modem".
- 3. The method to access the Internet is said to be "Always on" when the method used by the school is one of the following: cable modem, high-speed line (ISDN/DSL) or Frame relay, T1 line, optical fibre, fixed wireless (terrestrial) devices or Satellite connection.

Source: Information and Communications Technologies in Schools Survey, 2003-2004

## Access:

### Notes:

1. Frequency of access is established as follow: Computers that were often to always available outside instructional hours were defined as "frequently accessible". Computers that were rarely available or available sometimes were defined as "infrequently accessible". "Never accessible" was assigned in the cases where principals reported that their computers were never available outside instructional hours.

 $Source: Information \ and \ Communications \ Technologies \ in \ Schools \ Survey, \ 2003-2004$ 

# **Teacher Skills:**

## Notes:

"always".

Source: Information and Communications Technologies in Schools Survey, 2003-2004

## Challenges:

Source: Information and Communications Technologies in Schools Survey, 2003-2004

Table C-2 Connectedness, school year 2003-04 Newfoundland and Labrador

	All schools	Instruction	al Level of Sc	hools	Loca	tion	Tv	уре		Size	
		Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-	99.5	98.8	100	100	100	99.2	99.5		98.7	100	100
connected computers Average number of Internet-	99.3	98.8	100	100	100	99.2	99.3	X	98.7	100	100
connected computers	48.8	36.7	80.2	35.8	65.3	35.7	49.1	X	30.2	56.6	64.2
% of Internet-connected											
computers											
by type											
Desktop  Laptops and Notebooks	95.9 4.1*	97.2 2.8**	94.1 5.9**	97.6 2.4*	95.4 4.6**	96.6 3.4*	95.8 4.2*	X	88.8 11.2**	97.7	98.2 1.8
by processor speed <sup>1</sup>	4.1**	2.8***	3.9***	2.4**	4.0***	3.4**	4.2**	X	11.2***	2.3	1.0
Low speed	38.7	45.4	37.3	33.2	38.9	38.4	38.9	x	43	38	36.6
Medium speed	50.1	43.1	52.3	54.5	50.3	49.8	49.9	Х	45.2	53.2	48.9
High speed	10.9		10		10.8	11.1	11		11.6		14.5
Other speed by location	x	X	X	X	X	X	X	X	Х	X	X
Classrooms and											
portables	29	35.6	24.5	29.5	30.9	26.3	29.1	x	22.3	28.4	35.1
Computer labs	52.6	47.9	54.3	55.1	49.3	57.4	52.5	X	58.9	52.4	48.2
Libraries Other location	8.5 9.9	8.2 8.3	10.4 10.8	5.1 10.3	9.4 10.4	7.1 9.2	8.5 9.9	X	5.4 13.4*	10.8	7.1 9.6
Student to Internet-	9.9	6.3	10.8	10.5	10.4	9.2	9.9	Α.	13.4	0.4	9.0
connected computer	4										
ratio (median)	5	6.5	4.7	3.8	6.5	4.2	5.1	x	3.4	5.1	6.7
% of schools by methods											
to access the Interne											
Dial-up access <sup>2</sup>	15.7 89.1	30.3 79.8	100	90.2	94.5	23 84.7	16 89.6	X	33.6 79.7	93.6	96.8
Always on <sup>3</sup> Cable modem	19.9	24.8	26.5	90.2 x	28.9	12.6	20.2	x	14.0*	93.0	22.3*
High-speed line (ISDN/DSL)				-							
or Frame relay	37.4	23.8	41	51.4	33.3	40.7	37	х	34.8	41.6	34.4
T1 line Optical fibre	19.2	21.3	29.5	X	33	8.0*	19.6	X	8.3**	21.4	33.3
Fixed wireless (terrestrial)	19.2	21.3	29.3	Х	33	8.0	19.0	Х.	0.3**	21.4	33.3
devices	x	x	x	x	X	X	х	X	x	х	X
Satellite connection	16	13.9*	х	29.5	X	27.5	16.3	X	28	11.7*	X
Unknown type	64.4	53.9	67.8	73.5	65	64	64.8	X	54.1	69.3	72.6
% of schools with Intranet Internal to the school	04.4	33.9	07.8	13.3	0.5	04	04.0	, x	34.1	09.3	72.0
network	54.1	43	55.2	65.6	51.7	55.9	54.2	x	45.7	57.9	60.9
Internal to the school jurisdic-											
tion's network	9.5	11.7*	11.0**		13.0*	6.8*	9.8	x		13.8*	
Internal to the provincial/	9.3	11./*	11.0***	X	13.0**	0.8"	9.8	X	X	15.8**	X
territorial education system's											
network											
% of schools with Website	6.6* 89.5	83.1	98.1	11.5**	96.4	8.5* 84	6.7* 90.4	X	8.2** 76.5	97.1	97.1
Formal corporate/	89.3	65.1	96.1	90	90.4	04	90.4	Α.	70.3	97.1	97.1
administrative site	32.7	35.1	30.3	32	34.6	31.2	33.6	x	30.3	28.3	44.2
Non-administrative/	10.1										
informal site	69.4	59.8	80.7	71.3	74	65.7	69.7	Х	59.2	77.6	71.3
% of schools by proportion of teachers or students with e-											
mail accounts											
Teachers											
Less than 25%	13.9		17.5*	11.3**	10.3*	16.9	14.3	х	18.5		х
From 25% to 49%	X 5.4*		X		X	7.0*	X	Х	X		X
From 50% to 74% 75% or more	5.4*	80.1	x 79		87.2	7.8* 70.5	5.6* 77.4	X	71.9		90.7
Students	78	60.1	19	14.3	01.2	70.3	11.4	, x	/1.9	70.3	30.7
Less than 25%	55.9	51.4	56.6	60.9	46.1	63.7	55.3	х	66.6	49.5	49.7
From 25% to 49%	5.2*	X	Х		X	X	4.7*	X	Х	Х	Х
From 50% to 74% 75% or more	8.7	11.3*	X	13.1* 16.9*	41.9	10.6*	8.9 31.1		7.9*		32.1
% of schools with students		21 5			41.9	21	31.1	X	22.8	30.3	32.1
	30.3	31.5	43.4	10.7							
participating in online courses	30.3	31.5	43.4	10.7							
courses	30.3 37.1	31.5 x	36.6	78.9	13.2*	55.1	38	x	45.4	33.8	29.8
Through a virtual school	30.3					55.1 12.5*	38 7.3*	X X	45.4 8.0*	33.8 x	29.8 x
Through a virtual school Through electronic or online	30.3 37.1	x		78.9				x x		33.8 x	29.8 x
Through a virtual school Through electronic or online courses developed by the	30.3 37.1	x		78.9				X X		33.8 x	29.8 x
Through a virtual school Through electronic or online	30.3 37.1	x		78.9				X		33.8 x	29.8 x
Through a virtual school Through electronic or online courses developed by the school board/district/	30.3 37.1	x		78.9 17.2*	13.2* x		7.3*	х		X	X
Through a virtual school Through electronic or online courses developed by the school board/district/ jurisdiction/province or territory Through electronic or online	30.3 37.1 7.1*	x x	36.6 x	78.9 17.2*	13.2* x	12.5*	7.3*	х	8.0*	X	X
Through a virtual school Through electronic or online courses developed by the school board/district/ jurisdiction/province or territory Through electronic or online courses developed by	30.3 37.1 7.1*	x x	36.6 x	78.9 17.2*	13.2* x	12.5*	7.3*	х	8.0*	X	X
Through a virtual school Through electronic or online courses developed by the school board/district/ jurisdiction/province or territory Through electronic or online courses developed by another board/district/	30.3 37.1 7.1*	x x	36.6 x	78.9 17.2*	13.2* x	12.5*	7.3*	х	8.0*	X	X
Through a virtual school Through electronic or online courses developed by the school board/district/ jurisdiction/province or territory Through electronic or online courses developed by	30.3 37.1 7.1*	x x	36.6 x	78.9 17.2*	13.2* x	12.5*	7.3*	x	8.0*	X	29.8 x 27.4

Table C-2 Connectedness, school year 2003-04 Prince Edward Island

	All schools	Instruction	al Level of So	hools	Loca	ition	Tv	/pe		Size	
	7 00.1.00.10	Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-											
connected computers	96.5	94.1	100	X	96.2	96.7	98.3	X	88.9	100	100
Average number of Internet-											
connected computers	56	39.6	94	x	64.2	48.1	57	v	27.6	53.9	81.9
% of Internet-connected	30	37.0	71		04.2	40.1	57	A	27.0	55.7	01.5
computers											
by type											
Desktop	98.9	98.9	98.9	X	98.8	99.1	98.9	Х	98.4	98.4	99.3
Laptops and Notebooks	1.1	1.1	1.1	X	1.2	0.9*	1.1	X	1.6*	1.6	X
by processor speed <sup>1</sup> Low speed	34	49.6	26.1*	x	35	32.8	34	x	52.7	39.6*	25.6
Medium speed	61	43.8	69.9		59.6	62.8	61	X	46.9	54.2	68.9
High speed	5.0**	X	X	X	X	Х	5.0**	х	Х	X	X
Other speed	X	х	X	X	X	Х	Х	X	X	X	X
by location Classrooms and											
portables	28	34.6	24.3*	x	37.3	16.3	28	x	21	27.5*	30.3
Computer labs	58.6	54.1	61.2	х	52.5	66.4	58.6	х	65.7	57.1	57.4
Libraries	8.7	7.1	9.4	X	6.4	11.6	8.7	Х	8.8	11.8	6.9
Other location	4.7	4.2	5	X	3.9	5.7	4.7	X	4.6*	3.6	5.3
Student to Internet- connected computer											
ratio (median)	5.6	5.6	5.7	x	6.5	5.4	5.6	x	3.6	6.1	6.5
% of schools by methods	3.0	5.0	2.7				2.0		2.0	3.1	
to access the Interne											
Dial-up access²	Х	х	Х	х	х	х	х	х	х	х	x
Always on <sup>3</sup> Cable modem	69 14.9*	59.5 26.3*	84.5 x	X	71.4 x	66.6 x	69 14.9*	X X	63.5	82.1	61.2
High-speed line (ISDN/DSL)	14.9*	20.3*	X	X	X	Х	14.9*	X	X	X	X
or Frame relay	16.1*	x	х	X	x	х	16.1*	х	х	X	x
T1 line	27.1	х		Х	31.1*	Х	27.1	X	Х		Х
Optical fibre Fixed wireless (terrestrial)	18.1*	Х	X	X	X	Х	18.1*	Х	х	X	X
devices	x	x	x	x	x	x	x	x	x	x	х
Satellite connection	X	X	X	X	X	X	X	X	Х	X	X
Unknown type	21.2	28.4*	X	Х	X	33.4*	21.2	X	Х	X	X
% of schools with Intranet	62.2	52.5	67.8	Х	71.4	53.5	63.6	Х	35.6*	78.4	73
Internal to the school network	18.4*	x	x	x	x	x	18.8*	x	v	x	v
Internal to the school jurisdic-	10.7	A	A		^		10.0			ΑΑ	^
tion's network											
	X	X	X	X	X	Х	Х	X	Х	X	Х
Internal to the provincial/ territorial education system's											
network											
	48.4	38		х	51.9	45.2	49.5	х	х	50.9	65.7
% of schools with Website	91.7	86	100	Х	86.9	96.4	93.7	X	81.5	93.3	100
Formal corporate/ administrative site	41.4	43.9	50.0*	x	47.2	35.7	42.3	х	48.7	42.4*	x
Non-administrative/		13.7	20.0		.,.2	33.7	12.5		1017	.2	
informal site	57.4	49.4	58.9	х	54	60.7	58.6	х	39.3*	59.4	72.7
% of schools by proportion of											
teachers or students with e- mail accounts											
Teachers											
Less than 25%	x	x	х	х	x	х	х	х	х	x	х
From 25% to 49%	X	х		х	Х	х	х	Х	х	Х	X
From 50% to 74% 75% or more	97.3	100	91.5	X	100	94.6	97.3	X	100	91.9	100
Students	71.3	100	91.3	X	100	74.0	91.3	X	100	91.9	100
Less than 25%	х	x	х	х	x	x	х	x	x	x	x
From 25% to 49%	X	Х	X	Х	Х	Х	Х	х	х	Х	X
From 50% to 74% 75% or more	95.9	93.2		X	100	91.9	95.9	Х	100	87.8	100
% of schools with students	95.9	93.2	100	X	100	91.9	93.9	X	100	87.8	100
participating in online courses											
	X	x	X	x	x	x	x	x	x	x	x
Through a virtual school	X	х	X	X	X	X	X	Х	Х	X	X
Through electronic or online courses developed by the											
school board/district/											
jurisdiction/province or											
territory	х	х	Х	х	х	х	х	х	x	х	x
Through electronic or online											
courses developed by another board/district/											
jurisdiction/province or											
territory	х	x	х	x	x	x	x	x	x	x	X
Other	X	x	X	X	X	X	X	X	X	x	X

Table C-2 Connectedness, school year 2003-04 Nova Scotia

	All schools	Instruction	al Level of Sc	hools	Loca	ation	T	уре		Size	
		Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-										400	
connected computers Average number of Internet-	98.6	98.8	99.1	96.6	97.8	99.5	99.6	75.4	96.8	100	98.6
connected computers											
<b>P</b>	74	48.1	129.9	74.3	83.2	64.5	75.5	36.3**	28.3	67.1	131
% of Internet-connected											
computers											
by type Desktop	95.5	95.2	95.3	96.6	95.6	95.3	96.3	54.5	97.1	93.8	96.3
Laptops and Notebooks	4.5	4.8	4.7*	3.4*	4.4*	4.7	3.7	34.3	2.9	6.2*	3.7
by processor speed1											
Low speed	18.3	24.1	12.2		17.4		18.5	F 50.1	22.2	18.5	17.3
Medium speed High speed	62.1 19.3	61.4 14.2	63.7 24	57.3 16.6*	64.2 18.1	59.2 20.9	62.1 19.1	58.1 29.3	61.7 15.6	64.6 16.6	60.3 22.1
Other speed	0.3**	X	X		F		0.3**	2>.5	X		
by location											
Classrooms and	56.4	70.6	42.7	62.4	50.4	61.0	57.1	21.5*	50.5	55.6	50.0
portables Computer labs	56.4 32.2	70.6 19.4	43.7 43.8	62.4 26.2	52.4 36		57.1 32.3	21.5* 28.8	58.5 28.4	55.6 31.3	56.6 33.7
Libraries	5.6	4.7	6.4	5	5.6		5.6		7.4	6.1	4.9
Other location	5.8	5.2	6.1	6.3	6	5.4	5	Х	5.7	7	4.9
Student to Internet-											
connected computer ratio (median)	5.1	6.2	4.7	4.1	5.5	4.4	5.1	5.6*	4.3	5.7	4.8
% of schools by methods	J.1	0.2	4.7	4.1	3.3	4.4	ا. ل	3.01	4.3	5.1	4.0
to access the Interne											
Dial-up access <sup>2</sup>	х	X	X	X	X	X	Х	X	Х	Х	х
Always on <sup>3</sup> Cable modem	92.9 13.1	90.8 15.7	97.8 7.9*	92.4	93.7 14.1	92.1 12	92.7 12.7	100	93.1 16.7	93.8 11.8	91.6 11.4*
High-speed line (ISDN/DSL)	13.1	13./	1.9**	X	14.1	12	12.7	X	10.7	11.8	11.4*
or Frame relay	50.5	53.7	50.1	33.5	60.1	40.4	49.8	75.1	47	55.2	47.4
T1 line	31.6 1.9*	24.6	37.7 x	55.2	23.4 x	40.2	32.2 2.0*	X	28.5	29.4 x	37.8
Optical fibre Fixed wireless (terrestrial)	1.9	Х	X	X	X	X	2.0	X	X	X	X
devices	2.2*	х	Х	х	х	x	2.2*	х	х	х	х
Satellite connection	X	X	Х	Х	X	X	X	X	X	X	X
Unknown type % of schools with Intranet	7.4 66.4	9.8 62.2	76.1	64.6	5.6* 66.5	9.4 66.2	7.6 68.1	X	8.1* 52	6.2* 73.1	8.4* 71.3
Internal to the school	00.4	02.2	70.1	04.0	00.5	00.2	00.1		32	73.1	71.5
network	39.8	31.8	55.3	45	41.8	37.7	40.5	х	27.6	43.3	47.2
Internal to the school jurisdic- tion's network											
tion's network	22.6	23.5	22.3	18.6*	22.2	23	23.5	x	15.2	28.8	21.3
Internal to the provincial/											
territorial education system's network											
network	28.6	28.1	34.2	x	28.7	28.6	29.8	x	24.3	33	26.9
% of schools with Website	78	72.5	86.5	86.2	87.1	68	78.2	75.2	57.9	82.6	91.7
Formal corporate/	39.2	33.9	43.9	55.4	41.9	36.1	38.5	55.6	31.1	44.1	40.2
administrative site Non-administrative/	39.2	33.9	43.9	33.4	41.9	30.1	38.3	33.0	31.1	44.1	40.2
informal site	57	53.6	65.6	54	64.4	48.9	57.9	х	39.3	59.1	72
% of schools by proportion of											
teachers or students with e-											
mail accounts Teachers											
Less than 25%	7.5	7.1	6.7*	х	9.6	5.2*	5.8	x	8.2*	9.4	х
From 25% to 49%	3.5*	3.3*	Х		X		3.0*	Х	7.5*	Х	Х
From 50% to 74% 75% or more	3.8* 85.2	4.1* 85.5	x 84.9		86.7		3.9* 87.3	X	6.8* 77.4	85	
Students	03.2	63.3	04.9	04.7	00.7	05.7	07.3	x	//.4	83	75.2
Less than 25%	43.7	52.3	25.7				42.5	80.6	54.7		
From 25% to 49%	6.8	8.1	X		5.5*		7	X	7.2*	4.7*	9.3*
From 50% to 74% 75% or more	5.8 43.7	5.3* 34.3	67.6		5.1* 49.9		44.5	X	35.6	48.2	11.5* 45.3
% of schools with students	43.7	54.5	07.0	37.4	47.7	30.7	77.3	^	35.0	70.2	75.5
participating in online courses											
	9.4	X	18.2	22.2*	6.6*	12.4	9.7	х	х	10.6	12.0*
Through a virtual school Through electronic or online	3.1*	X	X	X	X	X	3.2*	Х	Х	4.6*	Х
courses developed by the											
school board/district/											
jurisdiction/province or											
territory	6.6	x	15.8	x	3.9*	9.4	6.8	x	x	7.5*	8.1*
Through electronic or online	5.0	A	15.0		5.7	7.4	0.0		Î	5	J
courses developed by											
another board/district/ jurisdiction/province or	1										
territory											
	2.8*	Х	X	х	х		2.9*	х	х	5.5*	х
Other	2.4*	X	X	X	X	X	2.5*	X	X	X	X

Table C-2 Connectedness, school year 2003-04 New Brunswick

	All schools	Instruction	al Level of Sc	hools	Loca	ation	T	уре		Size	
	7111 00110010	Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-											
Average number of Internet-	99.5	100	100	94.2	100	98.8	100	86.9	98.7	100	100
connected computers											
Jenniotou Computero	67.1	42.2	131	67	77.3	51.5	69.4	3.4*	35.1	68	105.4
% of Internet-connected											
computers											
by type Desktop	96.3	97.2	95.2	97.8	95.9	97.1	96.2	100	97	96.8	95.5
Laptops and Notebooks	3.7*	2.8	4.8**	2.2*	4.1*	2.9	3.8*	X	3.0*	3.2	4.5**
by processor speed1											
Low speed	50.7 34.7	59.7 28.5	43.9 40.4	47.4 31.4	47.6 37.1	58 29.5	50.8 34.7	25.0*	56.3 33.4	53.6 33.6	46.4 36.1
Medium speed High speed	13.4	11.3	14.7	16.8	14.2	11.7	13.5	X	10.1	12.3	15.6
Other speed	1.1*	0.5**	X	Х	1.2*	х	1.0*	х	х	Х	1.9*
by location											
Classrooms and portables	47.6	60.8	37.2	45	47.4	48.1	47.6	v	50.5	50	44.8
Computer labs	40.3	28.4	49.9	41.9	40.1	40.6	40.3	X	36.1	37.2	44.1
Libraries	5.2	4.7	5.7	4.9	5.4	4.8	5.2		5.8		4.5
Other location Student to Internet-	6.9	6.1	7.3	8.2	7	6.5	6.8	Х	7.5	7	6.5
connected computer											
ratio (median)	5	5.3	4	5.1	5.5	4.2	4.9	8.0**	3.5	5.6	6.3
% of schools by methods											
to access the Interne	2.5					6 Tab			7.40		
Dial-up access <sup>2</sup> Always on <sup>3</sup>	3.6 95.4		100	72.8	96.4	6.7* 93.7	97.2	X	7.4* 91.9	95.1	100
Cable modem	75.4 X		X	, 2.8 X	70.4 X	73.7 X	77.2 X	x	71.7 X		x
High-speed line (ISDN/DSL)	25.5	21.1	1.7.0			25.0	25.5			21.5	22
or Frame relay T1 line	26.5 4.1	31.4 3.9*	17.3 x	X	19 x	37.9 7.8	26.6	X	34 x		22.5 x
Optical fibre	66.7	62.4	80		77.4	50.2	68.4	X	57.1	70	75.2
Fixed wireless (terrestrial)											
devices Satellite connection	X X	X X	X X		X X	X	X	X	X	X	X
Unknown type	3.1*		X	X	X	X	3.2*	X	X	X	X
% of schools with Intranet	85.5	88.8	81.5	71.1	86.6	83.9	87.6	X	83.3	82.6	91.6
Internal to the school network	18.1	17	16	34.5	18.3	17.9	17.8	x	16.6	18.8	19.2
Internal to the school jurisdic-	10.1	17	10	34.3	10.5	17.5	17.0	^	10.0	10.0	17.2
tion's network											
Internal to the provincial/	14.8	15.6	12.2	X	17	11.3	15.3	Х	15.6	13.8	15
territorial education system's											
network											
% of schools with Website	75 82.2	79 78.7	73.1 93.1	48.3 76.8	74.9 83.7	75.1 80	77.7 84.3	X	73.8 71.6		82.4 90.9
Formal corporate/	02.2	76.7	75.1	70.0	65.7	- 00	04.3		71.0	65.7	70.7
administrative site	30.8	27.4	38.1	35	33.8	26.2	31.1	х	28.2	34.4	29.8
Non-administrative/ informal site	62.2	63	64.9	47.6	62.6	61.6	64.5	v	51.9	64	72.7
% of schools by proportion of	02.2	03	04.5	47.0	02.0	01.0	04.5		31.7	04	72.7
teachers or students with e-											
mail accounts											
Teachers	2.2*	х	X		x	x		x			
Less than 25% From 25% to 49%	Z.Z. X		X		X	X	X	X	X	X	X
From 50% to 74%	X	х	X	Х	Х	Х	Х	х	Х	Х	Х
75% or more Students	96.6	97	96.3	93.7	97.6	95	97.7	X	95.5	96.5	98
Less than 25%	91.8	92.3	93.5	81.3	92.6	90.5	92.5	x	88.4	93.1	94.4
From 25% to 49%	х	х	X	Х	x	X	X	X	х	Х	x
From 50% to 74% 75% or more	X 5.5		X		X = 4+	X 5.6*	4.7	X	X 7.5*		X
% of schools with students	5.5	5	X	X	5.4*	5.6*	4.7	х	7.5*	X	Х
participating in online courses											
	23.6		65.4	63.8	22.2	25.8	24.5	x	15.1		39.2
Through a virtual school	Х	Х	X	Х	х	Х	Х	Х	Х	Х	Х
Through electronic or online courses developed by the											
school board/district/											
jurisdiction/province or											
territory	21.8	х	60	63.8	21.2	22.6	22.6	x	12.7	18.6	37.2
Through electronic or online	21.0	^	30	05.0	21.2	22.0	22.0	Î	12.7	10.0	37.2
courses developed by											
another board/district/ jurisdiction/province or											
territory											
	2.1*	x	X	х	х	х	2.2*	х	х	Х	х
Other	X	X	X	X	X	X	X	X	X	X	X

Table C-2 Connectedness, school year 2003-04 Quebec

	All schools	Instruction	al Level of Sc	hoole	Loca	tion	Ty	уре		Size	
	All Schools	Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-			,								
connected computers	98.9	99.3	99.1	91.8	98.9	98.9	99.2	94.8	98	99	99.6
Average number of Internet-											
connected computers	58.1	45	102.8	65.2	67.4	34.7	56.9	68.3	27.6	50.6	90.2
% of Internet-connected			3,2.0		****						, , , ,
computers											
by type	02.0	0.5	0.4.0	00.0	04.1	02.1	0.1.6	01.0	05.1		02.5
Desktop  Laptops and Notebooks	93.9	95 5	94.2 5.8	80.8 19.2**	94.1 5.9	93.1 6.9*	94.6 5.4	91.3 8.7**	95.1 4.9*	94 6.0*	93.5 6.5
by processor speed1	***										
Low speed	34	38.9	28.1	23.1*	32.6	40.8	36.3		44.7	33.4	31.4
Medium speed High speed	54.1 10.5	53 7.6	55.4 13.7	56.8 19.1**	55.5 10.6	47.5 10.1	54.7 8.5	48 24.8	45.3 8.9	54.8 10.6	56.1 10.9
Other speed	F		F		F		0.5*	Z-1.0 X	1.0**	1.2**	F
by location											
Classrooms and	44.2	57	25.2	40	45.0	26.5	45.0	22.7	40.0	4.4	45.4
portables Computer labs	44.3 45.8	57 36.4	25.3 59.9	48.3	45.9 44	36.5 54.7	45.6 45.4	33.7 48.4	40.2 52.2	46.3	45.4 43.9
Libraries	3.9	2.3	6.3	4.8*	4.1	3.3	3.6	5.7	2.6	4.3	4.1
Other location	6	4.3	8.5	7.0**	6.1	5.5	5.4	12.1	4.9	5.4	6.6
Student to Internet-											
connected computer ratio (median)	6.5	6.4	6.9	5.3	7	4.6	6.4	7.4	4.2	6.7	7.8
% of schools by methods	0.5	5.4	3.7	2.3	, , , , , , , , , , , , , , , , , , ,		0.1	,	2	5.7	7.0
to access the Interne											
Dial-up access <sup>2</sup>	12 87.1	12.8 86.2	6.3* 92.7	24.8* 75.3	4.4 94.5	30.5 68.7	12.3 86.4	9.3** 94.9	25.9 74.3	9.2 90.2	2.4** 95.4
Always on <sup>3</sup> Cable modem	12		92.7 8.1*	14.7**	94.5	13.7	11.2		14.6	90.2	95.4
High-speed line (ISDN/DSL)											
or Frame relay	21.6	19.4 3.2*	26.6 11.9	31.8* 15.4**	20.9	23.2 4.0*	18.7	51.5 11.2**	26.7 2.2**	20.8 6.5*	17.9
T1 line Optical fibre	5.6 47		49.5	22.0*	58.3	19.4	50.9	10.5**	26.4	46.7	7.9 64.6
Fixed wireless (terrestrial)			.,,,,								
devices	3.8		4.1*	Х	3.6 2.0*	4.3* 8.6*	3.5 4.1	х	3.2**	5.5*	3.0* 2.7**
Satellite connection Unknown type	5.6		X	X	4.4	8.6*	5.9	X	6.0*	3.3** 5.8*	4.8*
% of schools with Intranet	78.4	79.2	78	69.4	80.8	72.4	81.2	48.9	70.3	80.5	84.1
Internal to the school	20	25.5	24.5	42.2	20.4	25.4	25	45.5	24.5	20.0	22.0
network Internal to the school jurisdic-	29	26.5	34.5	43.2	30.4	25.4	27	45.5	24.7	28.8	32.9
tion's network											
Internal to the manifestal	61.6	66.4	51.5	32.0*	63.8	55.9	67.4	Х	55.1	63.1	66.1
Internal to the provincial/ territorial education system's											
network											
0/ -61	67.1	3.2 64.1	X	. X	3.3	2.3**	3.3		3.1**	2.8**	3.1*
% of schools with Website Formal corporate/	67.1	64.1	80.6	55.8	71.9	54.9	65.6	78.5	52	68.1	79.7
administrative site	40	35.2	56.4	41.7	41.6	36	38.2	56	35.2	38.4	45.5
Non-administrative/	42	40.7	40.0	20.0*	47.0	20.0	40	40.7	24.4	40.1	57.0
informal site % of schools by proportion of	42	40.7	49.9	29.9*	47.2	28.9	42	40.7	24.4	42.1	57.8
teachers or students with e-											
mail accounts											
Teachers			** -	22.01							
Less than 25% From 25% to 49%	23.6	23 3.2*	23.8	32.8*	22.5 3.4*	26.3 5.5*	22.6		26.6	23.2 6.9*	21.3
From 50% to 74%	4.1	4.6		x	4	4.2**	4.2	Х	4.1*	3.7**	4.3*
75% or more	68.3	69.3	66.8	59.6	70.1	63.9	69.3	57.2	66.7	66.2	71.4
Students Less than 25%	80.5	83.1	73.4	70.4	79.6	82.7	81.3	69.4	81.1	82.8	78
From 25% to 49%	3.3		73.4 X		3.1*	4.0**	3.3		4.7*	2.3**	3.0*
From 50% to 74%	1.5*		Х	Х	1.3**	х	1.7*	X	X		X
75% or more % of schools with students	14.7	12	22.4	21.2**	16	11.3	13.7	27.4	13	12.4	17.9
participating in online courses											
	3.2	1.9*	4.6*	15.3**	3.6	2.3**	2.6	10.0**	2.3**	4.1*	3.3*
Through a virtual school	0.9**	1.1**	Х	Х	1.0**	х	Х	Х	х	х	Х
Through electronic or online courses developed by the											
school board/district/											
jurisdiction/province or											
territory	1.3*	X	X	v	1.5*	x	1.3*	x	x	2.2**	х
Through electronic or online	1.3*	^	^	^	1.5	^	1.3	^	^	2.2	^
courses developed by											
another board/district/ jurisdiction/province or											
territory											
	1.1*	х	X	х	1.0**	х	1.0**	х	х		х
Other	0.8**	X	X	X	F	X	0.6**	X	X	X	X

Table C-2 Connectedness, school year 2003-04 Ontario

	All schools	Instruction	al Level of Sc	hools	Loca	ntion	T	уре		Size	
		Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-	07.1	07.5	00.7	02.0	07.7	04.5	00.0	00.5	01.4		00.5
Average number of Internet-	97.1	97.5	98.7	82.8	97.7	94.5	99.9	80.5	91.4	98.4	99.6
connected computers											
parcie	74.6	51.6	158.6	64.3	79	54.7	80.1	41.8	30	62	111.2
% of Internet-connected											
computers											
by type	94.1	96	93.8	70.7	93.9	95.1	96.4	67.8	88.5	93.6	95.2
Desktop  Laptops and Notebooks	5.9	4	6.2*	29.3*	6.1	4.9*	3.6	32.2*	11.5**	6.4**	4.8
by processor speed1											
Low speed	21.7	26.8	16.9		21.4		22.7	10.5*	23.9		
Medium speed High speed	59.7 17.9	57.6 14.6	62.1 20.6	59.6 32.3	60.1 17.8	57.2 18.6	60.2 16.3	53.1 36.3	50.8 24.5	57.8 17.7	61.9 16.9
Other speed	0.7*	0.9**	F		0.7**	0.9**	0.8*	X	F		0.7**
by location											
Classrooms and					40.0						40.0
portables Computer labs	40.4	52.3 33.9	27.5 56.4	32.1 36.2	40.9	37.1 48.1	41.1 44.7	33	40.4 44.9	39.5	40.9
Libraries	9.1	9.9	8.4		9.2	8.8	9.4	6.2	7.1	9.6	
Other location	6.4	4	7.7	24.2*	6.5	6		24.8*	7.6**	6.7**	6.1
Student to Internet-											
connected computer	_						_			_	
ratio (median)	5.8	6.3	4.4	4.8	6	4.9	5.8	6	4.3	5.6	6.9
% of schools by methods to access the Interne											
Dial-up access <sup>2</sup>	6.3	6.1	4.0*	23.6*	4.7	14.1	3.8	25.1	16.2	5.4	1.7*
Always on <sup>3</sup>	82.5	80.5	90.3	78.3	84.6	72.8	83.2	77.5	73.9	81.6	88
Cable modem	15.3	17.1	9.8	12.0**	16.7	8.5	15	17.8	12.8	17.3	15.2
High-speed line (ISDN/DSL) or Frame relay	28	27.1	27.7	48.2	29.5	20.7	24.6	53.2	32.1	25.3	27.8
T1 line	15	12.3	25.5	9.6**	15	15.2	16.6	3.2**	16.8		
Optical fibre	23.4	21.6	33.2	х	25.7	12.1	26.2	F	12		
Fixed wireless (terrestrial)											
devices Satellite connection	6.9 3.9	7.2 4.3	6.3* 2.7**	X	5.1	15.8 8.3	7.4	3.3**	3.9*	7.7	5.8 1.9*
Unknown type	14.3	16.4	8.8	X	13.5	18.1	16.1	X	15		
% of schools with Intranet	80	81.4	81.1	50.4	80.9	75.5	86.4	41.7	64.6	83.6	86.5
Internal to the school											
network Internal to the school jurisdic-	32.7	32.2	33	39.5	32.9	32	31.5	39.7	33.8	33.7	31.3
tion's network											
	58.4	61.2	57.7	13.8*	59.5	52.9	67.6	2.8**	38.5	62.8	66.9
Internal to the provincial/											
territorial education system's network											
	3.2	3.7	1.9**	х	3.2	3.1*	3.6	x	3.0*	4.8	2.0*
% of schools with Website	74.7	72	87.5	58.9	76.9	64.6	75.5	70.1	64.7	73.2	82
Formal corporate/ administrative site	54.6	52.8	61.7	49.8	56.3	46.7	55	52.4	49.1	55.4	57.3
Non-administrative/	34.0	32.8	01.7	49.0	30.3	40.7	33	32.4	49.1	33.4	37.3
informal site	40.4	37.3	53.8	27.6	41.6	34.8	42.1	30.5	27.7	36.6	51.1
% of schools by proportion of											
teachers or students with e-											
mail accounts											
Teachers Less than 25%	8.8	7.8	8	30.6	8.5	10.2	3.8	46	19.4	. 7	4.2
From 25% to 49%	1.8	1.7*	X	9.8**	1.9*	X	1.0*	8.4*	4.3*	1.4**	X
From 50% to 74%	2.2	2.1*	2.5**	X	2.5	X	1.8*	5.7*	3.7*	1.4**	2.0*
75% or more Students	87.1	88.3	88.8	56.5	87.1	87.2	93.5	39.9	72.6	90.1	93
Less than 25%	81.6	83.9	74.1	77.5	81.9	79.9	81.3	84	83.3	79.1	82.5
From 25% to 49%	3.2	3.7	X	x	3.2	2.8**	3.1	F	2.9*	4.4*	2.4*
From 50% to 74%	2.6	2.7	X 22.2		2.5	2.6**	2.3	4.1**	2.1**	2.8*	2.6*
75% or more % of schools with students	12.7	9.7	23.3	12.8**	12.3	14.7	13.2	8.6*	11.7	13.7	12.5
participating in online courses											
	11.4	2.4	42.9	14.5*	11.8	9.7	12.2	7.0*	9.5	9.3	14.2
Through a virtual school	4.3	1.2*	15		4.3		4.7	Х	3.0*		5.8
Through electronic or online											
courses developed by the school board/district/											
jurisdiction/province or											
territory											
Through electronic or only	6.7	0.7**	28.7	Х	7	5.6*	7.4	F	4.2*	5.9	8.9
Through electronic or online courses developed by											
another board/district/											
jurisdiction/province or											
territory	2.5	0.7**	8.9		2.5	2.6**	2.6		2.8*	2.1*	2.6*
Other	1.9		4.8*		2.5		2.6	X x	2.5*		2.0*
- Cilio	1.7	1.0	7.0			1.7			2.3	1.4	2.1

Table C-2 Connectedness, school year 2003-04 Manitoba

	All schools	Instruction	al Level of Sc	hools	Loca	ition	Tv	/pe		Size	
		Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-	21.1	05.0	100	77.0	05.4	0.5		70.5	01.0	00.2	00
Average number of Internet-	91.1	95.8	100	77.9	95.4	85	93.3	70.6	81.8	98.3	99
connected computers											
competed compaters	61.7	46	137.5	38	80.4	35.3	65.3	33.6*	25.2	75.8	111.7
% of Internet-connected											
computers											
by type	96.5	95.8	98.4	93.5	96.3	97.3	97.2	84.7	96.5	97.3	95.8
Desktop  Laptops and Notebooks	3.5		1.6	93.3 F	3.7*	2.7	2.8	64.7 F	3.5	2.7	4.2**
by processor speed1											
Low speed	24.8	29.6	20.4	26	25	24.3	25.7	F	29.3	24.7	23.1
Medium speed High speed	53.5 20.9	45.4 24	61.1 18.2	51.4 21.1*	52.6 21.6	56.5 18.6	53.7 19.8	52.1* 39.7**	49.5 20.3	49.6 24.8	58.6 17.8
Other speed	0.7**	1.0**	x	X X	0.7**	X	0.8**	х х	X	0.9**	X
by location											
Classrooms and	25.2	20.0	20.2	40.2	267	20.7	24.0	47.2*	25.0	20.5	27.4
portables Computer labs	35.2 52.8	39.8 47.7	29.3 58.6	40.3 49.4	36.7 52	30.7 55.6	34.9 53.2	47.3* 38.8	35.9 51.1	32.5 56.7	37.4 50.2
Libraries	6.9		7.1	6.1	6.7	7.5	6.9	6.8	7.8		6.8
Other location	5	5.5	5	4.1	4.7	6.2	4.9	7.1**	5.2	4.2	5.7
Student to Internet-											
connected computer ratio (median)	4.2	4.6	3.6	4.1	4.8	3.3	4.2	5.8	3.3	4.5	6
% of schools by methods	4.2	4.0	5.0	4.1	4.0	3.3	4.2	5.0	3.3	4.5	0
to access the Interne											
Dial-up access <sup>2</sup>	17.3	12.5	X	39.5	5.2*	36.8	16.4	Х	34.6	6.5*	Х
Always on <sup>3</sup> Cable modem	86.4 7.5	89 7.2*	98.2 7.8**	70.3 7.7**	94.3 8.2*	73.7 6.3*	87.7 5.7*	72.9	71.6 10.5*	95.7 6.0**	96.6
High-speed line (ISDN/DSL)	1.3	1.2	7.0	7.77	6.2	0.3	3.11	, x	10.5	0.0**	Α.
or Frame relay	35.6		45.5	24.9	42.4	24.5	36.4	х	26.7	39.5	44
T1 line Optical fibre	7 5.2*	6.0* 7.0*	11.9**	X	7.8* 7.1*	5.6**	6.6 5.3*	X	4.4**	10.7* 8.6*	X
Fixed wireless (terrestrial)	3.2	7.0	A		7.1		3.3	^	^	0.0	^
devices	25.7	26.2	34.7	16.6*	29.9	18.9	26.8	х	20	28.8	30.5
Satellite connection	14.6 2.9*	13.2 3.3**	8.3* X	23 x	9.8 3.2**	22.3	15.9 2.9*	X	12.5	14.4	18
Unknown type % of schools with Intranet	62.2	68.2	72.4	46.7	67.1	55.5	64.9	37.3*	48.8	74.8	71.8
Internal to the school											, 210
network	44.4	47.5	51.4	35.3	47	40.7	44.9	33.7*	35.2	53.6	50.3
Internal to the school jurisdic- tion's network											
non o notwork	25.9	27.9	36	16.4	30.2	19.9	29.8	х	17.3	35.8	29.6
Internal to the provincial/											
territorial education system's network											
Hetwork	3.1*	х	х	х	3.1**	х	3.2*	х	х	х	x
% of schools with Website	73.6	82.5	90.8	48.8	84.9	57.9	77.8	40.4*	54	88.1	91.3
Formal corporate/	51.6	56.6	70.2	32.1	61.2	38.3	54.6	29.2*	37.5	61.9	64.6
administrative site Non-administrative/	31.0	30.0	70.2	32.1	01.2	36.3	34.0	29.2	31.3	01.9	04.0
informal site	41.6	45.1	54.4	28.1	52.2	27	43.8	21.4**	24.1	54.7	57.4
% of schools by proportion of											
teachers or students with e- mail accounts											
mail accounts Teachers											
Less than 25%	7.9		х	8.3**	7.9*	7.9*	5.3*	x	11.1*	5.7**	x
From 25% to 49%	4.5*	5.5*	X	X	3.8*	5.7**	4.4*	Х	8.0*	X	X
From 50% to 74% 75% or more	4.4* 83.1	80.8	6.5** 85.7	85.3	86.1	8.0* 78.4	4.5* 85.8		5.6** 75.3	5.6** 85.7	91.7
Students	05.1	50.8	65.7	05.5	50.1	70.4	05.0	00.3	15.5	65.7	71.7
Less than 25%	62.5		53.9	69.2	53.3	77.1	60.7	68.7	75.6	54	53.6
From 25% to 49%	6.1 4.2*	6.2* 4.9*	X	10.5**	6.8* 5.8*	5.0**	6.3 4.2*	X	5.4**	6.5**	6.8** 7.5**
From 50% to 74% 75% or more	27.1	25.9	45.2	13.8*	3.8*	16.1	28.7	x x	16.3	35.9	32.1
% of schools with students											
participating in online courses											
Through a victual cut and	18.9 2.1**	X	42.1	29.7	15.2	24.2	19.4	х	18	18.7	21
Through a virtual school Through electronic or online	2.1**	Х	X	Х	X	Х	Х	Х	Х	Х	X
courses developed by the											
school board/district/											
jurisdiction/province or territory											
territory	14.1	x	38	19.5	11.6	17.7	15.2	x	13.4	13.3	16.8
Through electronic or online											
courses developed by another board/district/											
jurisdiction/province or											
territory											
Othor	7.2 1.8**	X	14.4*	12.5*	6.3*	8.3*	7.5 2.0**	х	5.2*	7.5**	10.4*
Other	1.8**	X	X	X	X	X	∠.0**	X	X	I X	X

Table C-2 Connectedness, school year 2003-04 Saskatchewan

	All schools	Instruction	al Level of So	hoole	Loca	ation	T	уре		Size	
	All SUIDUIS	Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-											
connected computers	97.3	98.7	98.7	94.7	97.7	96.7	98.2	77.6*	93.2	99.5	100
Average number of Internet-											
connected computers	54.5	48.7	104.9	37.6	66.9	37.4	55.5	18.9**	29.6	55.6	96.9
% of Internet-connected	34.3	48.7	104.9	37.6	00.9	37.4	33.3	10.9***	29.6	33.6	90.9
computers											
by type											
Desktop	96.9	97.4	96.5	96.7	97.2		96.9	99.4	97.3		95.3
Laptops and Notebooks	3.1	2.6*	3.5*	3.3*	2.8	3.7*	3.1	Х	2.7*	1.9	4.7*
by processor speed1	21	26.4	12	22.0	10	25.0	20.6		25.2	22.6	16.0
Low speed Medium speed	21 47.2	26.4 41.9	13 51		19 47.8		20.6 47.2	X	25.2 53.2	22.6	16.8 49.5
High speed	25.5	20.7	31.4		24.8		25.7	X	18.3	25.4	29.5
Other speed	6.3	11.0*	F	X	8.5*	F	6.5	X	3.3**	9.5*	Х
by location											
Classrooms and	26.5	40.2	20.6	26.6	40.2	27.5	26.4		20.2	40.5	25.7
portables Computer labs	36.5 48.2	48.2 37.5	29.6 54.9	26.6 57	40.2 45.6		36.4 48.4	X	29.2 52.9		35.7 49.9
Libraries	9.1	8.1	9.7	9.9	8.2	11.3	9.1	X	11.4		9.1
Other location	6.2	6.2	5.9	6.5	6	6.5	6.1	Х	6.5	6.8	5.3
Student to Internet-											
connected computer			a -							] .	
ratio (median)	4	4.9	3.8	3.3	4.8	3.3	4	3.4	3.3	4	5.4
% of schools by methods to access the Interne											
Dial-up access <sup>2</sup>	7.1	4.1*	x	12.8*	x	15.1*	6.9*	x	14.1*	4.1**	x
Always on <sup>3</sup>	92.2	88.6	100	93	92.8		91.9	100	90.1	94.9	89.8
Cable modem	5.3	6.8*	10.3*	Х	9.2	X	4.8*	Х	6.7*	X	х
High-speed line (ISDN/DSL)	58.5	55.6	64	59.7	60.5	55.7	58.1		51	67.2	50.0
or Frame relay T1 line	8.1	10.6*	64 10.3*	39.7 x	11		8.1	X		6.3*	52.2 14.8**
Optical fibre	9.3	9.8*	22		15.1	2	9.3	X	х х	9.9	17.5*
Fixed wireless (terrestrial)											
devices	5.7 12.2		8.5**	6.8**	5.3*	6.3**	5.6 12.6	Х	5.3** 19.9	4.3**	9.6*
Satellite connection Unknown type	12.2	6.2* 9.9*	X		7.6*	27 6.1*	7.2	X	4.6*	11.4	11.5**
% of schools with Intranet	65	70.3	81.7	50.5	74.9		65.5	X	48		76.6
Internal to the school											
network	39.2	35.8	54.8	36.5	41.9	35.6	38.8	х	31.9	41.8	48.3
Internal to the school jurisdic- tion's network											
tion 5 network	29.2	37.6	34	16	40.4	14.4	30.2	x	14	38.3	40.1
Internal to the provincial/											
territorial education system's											
network	15.6	14.8	18.3*	15.3	15.3	16	15.6	v	10.3	18.3	20.7*
% of schools with Website	76.6	81.2	90.2	64.3	85.4		77.6	57.2**	60.1	88.2	86.7
Formal corporate/											
administrative site	42.1	43.8	49.8	36.3	47.3	35.2	42.5	X	30.3	52	46
Non-administrative/ informal site	53.2	60.7	56.3	41.9	61.1	42.8	54.1	v	41.3	59.4	64.8
% of schools by proportion of	33.2	00.7	30.3	41.7	01.1	42.0	34.1	Α.	41.3	37.4	04.0
teachers or students with e-											
mail accounts											
Teachers											
Less than 25%	3.1*	х	х	X	X	F	3.0**	X	5.2**		X
From 25% to 49% From 50% to 74%	3.8* 2.1**	X X	X	X	3.6*	F	3.6* 2.2**	X	6.6**	X	X
75% or more	91	93	88.3	89.5	92.6		91.2	90	86.2	94.1	92.8
Students											
Less than 25%	70.6	69.4	64.5		65.7		70.4	87.5	72.9	68.9	70.2
From 25% to 49%	2.0*	X	X		3.2**	3.5**	1.8**	X	X		X
From 50% to 74% 75% or more	3.3* 24.1	25.7	34.4		3.2**	3.5** 15.7	3.2* 24.7	X	24		20.9*
% of schools with students	24.1	25.7	5-7	17.0	30.2	15.7	27.7	_^		23.0	20.7
participating in online courses											
	27.7	7.2*	60.9	39.1	21.1	36.1	27.4	x	19.5		31.4
Through a virtual school	7.2	х	17.2*	8.5*	7.3	7.2*	7.4	X	6.2*	4.8*	14.1*
Through electronic or online courses developed by the											
school board/district/											
jurisdiction/province or											
territory											
Through electronic or online	16.6	4.1**	34.9	24.4	12.9	21.3	16.8	X	11.2*	18.2	24
Through electronic or online courses developed by											
another board/district/											
jurisdiction/province or											
territory	10.5		200	146	7.0	1.4	10.2		75*	15 4	
Other	10.5 1.5**	X X	26.6 x		7.9 x		10.2	X	7.5* x		X
Cilio	1.5		Λ	. ^		5.0	1.7			1 ^	А

Table C-2 Connectedness, school year 2003-04 Alberta

	All schools	Instruction	al Level of Sc	hools	Loca	ation	T	уре		Size	
		Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-	05.0	00	00.5	00.4	07.2	01.4	06.0	00.1	00.0	00.7	100
Average number of Internet-	95.9	98	99.5	90.4	97.2	91.4	96.8	88.1	88.8	98.7	100
connected computers	69.1	56.5	112.0	50.6	75	49.5	73.3	20.6*	28.3	70.9	109.7
% of Internet-connected	09.1	30.3	112.9	30.0	13	49.3	13.3	28.6*	28.3	70.9	109.7
computers											
by type											
Desktop  Laptops and Notebooks	93.9	96.3 3.7	94.2 5.8	89.9 10.1**	94.6 5.4		94.8 5.2	67.9*	96.6		92.8 7.2*
by processor speed <sup>1</sup>	0.1	5.7	5.0	10.1	5.4		3.2	1	5.7	5.7	7.2
Low speed	20.8	24.9	17.9	20.1	20.9		20.6	29.1*	30.8		
Medium speed High speed	56.4 22	51.9 22	56.8 24.8	62.2 17.2	56.4 22	56.5 22	56.2 22.5	60.7 9.5**	49.2 19.9	56.9 23.1	58 21.8
Other speed	0.8*	1.3**	24.6 X	F	0.7**	F	0.8*	7.5	17.7 X	1.2**	0.7**
by location											
Classrooms and portables	33.5	36.3	28.5	38.3	33.1	35.5	32.6	56.2	32.4	31.2	35.5
Computer labs	50.7	48.9	53.4	48.5	50.8		51.5	28.9*	53		49.2
Libraries	8.7	8.5	9.8	7.2	9	7.2	8.9	3.8*	7.3		9.2
Other location Student to Internet-	7.1	6.3	8.2	6	7.1	7	6.9	11.1	7.3	8.3	6.1
connected computer											
ratio (median)	4.5	5	4.1	4.2	4.7	3.4	4.5	4.2*	3.7	4.5	5.2
% of schools by methods											
to access the Interne  Dial-up access <sup>2</sup>	11.1	6.9	3.7**	23.1	5.3	32.1	8.8	37.0*	19.4	۵	6.3*
Always on <sup>3</sup>	85.3	87.6	94.6	74.3	90.5	66.5	87.4	63	78.4	86.3	90.1
Cable modem	23.7	27.3	22.9	19.4	28.2	7.5*	24.1	18.7*	19.9	25.9	24.5
High-speed line (ISDN/DSL) or Frame relay	33	36.9	34.2	26.6	39.6	9.2*	32.8	37	27.3	32.1	38.9
T1 line	6.2	4.2	12.2	3.9**	7.2	X	6.4	X	4.3**	5.2*	9
Optical fibre	11.7	10.7	18.7	7.2*	12.5	8.7*	12.9	Х	12.2	10.1	13.1
Fixed wireless (terrestrial) devices	13.8	13.2	13.3	15.2	10.4	26.1	14.3	x	11.5	15.3	14.2
Satellite connection	4.7	2.2*	Х	10.5*	1.2**	17.3	4.9	Х	7.2*	4.4*	2.8**
Unknown type % of schools with Intranet	7.8 78.5	11.1 86.5	3.8** 85.2	6.5* 62.9	7.2 81.5	10.0*	8.4 82.6	40.5	7.9 61.9	7.8 87.1	7.7 86.2
Internal to the school	76.3	80.3	63.2	02.9	61.3	08.0	82.0	40.3	01.9	67.1	80.2
network	29.3	27.5	32.3	29.5	29.6	28.5	29.3	29.7*	21.4	33.8	32.7
Internal to the school jurisdic- tion's network											
	62	73.5	66.8	43.2	64.9	52.5	67.6	10.2**	48.5	68.3	69.3
Internal to the provincial/											
territorial education system's network											
	12.5		7.3*	12.6			13		10.4		
% of schools with Website Formal corporate/	74.5	78.2	84.1	62.3	79	59.6	76.9	49.3	54.3	82.8	87.2
administrative site	56.2	56.7	66.4	48	59.8	44.5	59.2	27.2*	42.9	61	65.5
Non-administrative/	41	43.9	49.8	30.6	42.9	24.0	42.9	23.8*	25.5	50	47.6
informal site % of schools by proportion of	41	43.9	49.8	30.0	42.9	34.8	42.9	23.8**	25.5	30	47.6
teachers or students with e-											
mail accounts											
Teachers	4.5	2.4*		9.6*	4.1*	6.0**	2.4*	26.7*	6.5**	6.1*	
Less than 25% From 25% to 49%	1.5**	2.4 · x	X X		1.5**	0.0** x	2.4 · X	20.7 ·	0.5 · ·	0.1 ·	X
From 50% to 74%	1.4**	1.7**	X		1.3**	X	1.0*	X	X	X	
75% or more Students	92.5	94.8	96.2	86	93.1	90.6	95.9	56.2	89	91.1	97.8
Less than 25%	71.3	77.4	63.4	69	74	61.1	69.8	86.4	70.1	68.2	76
From 25% to 49%	1.8*	1.6**	X		1.7*	Х		Х	Х	3.3*	X
From 50% to 74% 75% or more	1.6* 25.3	2.2* 18.8	35.5		1.3*		1.8* 26.5	X	2.5** 26.4	27.2	
% of schools with students	20.5	13.0	55.5	20.7		35.5	20.5	^	20.1	22	21.7
participating in online courses											
Through a virtual school	20.6	5.3 3.1*	37.6 13.4	26.8 12.7	18.3 7.6		19.1 8.5	33.8*	16.4 6.1*	18.9 8.2	27.1 12.7
Through a virtual school  Through electronic or online	0.9	5.1	13.4	12./	7.0	13.1	6.5	Г	0.1	0.2	14./
courses developed by the											
school board/district/ jurisdiction/province or											
territory											
Through electronic ex entire	9.2	1.7**	19	11.1	8.2	12.5	9	11.7**	5.5*	8.6	13.9
Through electronic or online courses developed by											
another board/district/											
jurisdiction/province or territory											
LETTILOT y	6.3		11					12.7**	5.9**		8.5
Other	2.8	Х	7.4*	Х	3.1*	X	2.7	X	X	3.4*	2.3**

Table C-2 Connectedness, school year 2003-04 British Columbia

	All schools	Instruction	al Level of Sc	hools	Loca	ition	T	/pe		Size	
		Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-	98.3	98.1	99.1	07.2	98.2	98.7	99.7	92	95.6	00.2	100
connected computers Average number of Internet-	98.3	98.1	99.1	97.2	98.2	98.7	99.7	92	95.0	99.3	100
connected computers											
	61.9	43	116.2	47.1	66.4	44.5	67.1	36.6	26.1	57.4	107.9
% of Internet-connected											
computers by type											
Desktop	95	94.4	97	86.2	95.6	91.6	95.5	88.9	94.9	96	94.5
Laptops and Notebooks	5	5.6	3	13.8*	4.4	8.4*	4.5	11.1**	5.1*	4.0*	5.5
by processor speed1						• • •					
Low speed Medium speed	26.7 58.9	32.8 55	22.7 62.2	15.1 61.5	26.7 58.6	26.9 60.5	28 59.3	13 53.2	33.1 54.7	27.9 58.9	24.3
High speed	13.5	10.5	15	23.0*	13.7	12.5*	11.8	33.2	11.1	12.7	14.7
Other speed	0.9**	1.7**	X	X	1.0**	X	0.9**	F	F	F	F
by location											
Classrooms and portables	31	31.8	30.5	29.8	30.7	32.7	31.3	30.4	29.6	31.3	31.2
Computer labs	54.2	54.9	54.2	50	54.5	52.8	54.5	51.9	56.1	53.8	54
Libraries Other location	8.5 6.2	7.7 5.6	9.5 5.9	7.6 12.6**	8.6 6.2	8.2 6.2	8.4 5.9	9.5 8.1*	8.1 6.2	9.4 5.4	8.1 6.7
Student to Internet-	0.2	5.0	3.9	12.0	0.2	0.2	3.9	0.1	0.2	3.4	0.7
connected computer											
ratio (median)	5.6	6	5	3.8	6	3.6	5.4	7.1	3.8	5.6	6.8
% of schools by methods											
to access the Interne Dial-up access <sup>2</sup>	6.4	6	v	19.6*	4.1*	15.4	4.2	18.7*	12.7	4.0**	
Always on <sup>3</sup>	87.4	86	91.9	84	90.4	75.5	88.3	82.5	77.3	93	90.9
Cable modem	22.5	22.9	17.7	32.6	23.5	18.5	21	30.5	21.3	25.6	19.9
High-speed line (ISDN/DSL) or Frame relay	38.4	43.1	29.8	29.1	41.2	27	36.6	48	30.8	42.4	41.3
T1 line	17.2	13	30.9	25.1 X	18.8	10.7*	19.6	X		17.1	19.5
Optical fibre	6.2	4.6*	11.1	X	7.2	Х	6.7	Х	Х	5.6*	11.6
Fixed wireless (terrestrial) devices	7.4	7.3	8.0*	x	5.5	15.3	8.3	x	13.4	4.3**	5.1**
Satellite connection	2.4*	1.7**	x	X	1.2**	7.1**	2.7*	X	13.4 X	3.9**	3.1 X
Unknown type	9.3	10.4	8.8*	X	8.8	11.4*	10.5	Х		6.6*	8.5*
% of schools with Intranet Internal to the school	74.2	73.8	80.1	61.7	74.8	71.9	78.9	54.4	61.8	73.6	89.2
network	39.8	36.7	45.6	47.1	40.6	36.8	37.6	54.4	35.4	41.1	43.3
Internal to the school jurisdic-											
tion's network	34.8	39.2	32.2	9.5**	35.8	30.8	41.6		25.5	34.9	45.2
Internal to the provincial/	34.8	39.2	32.2	9.5	33.6	30.8	41.0	Δ	23.3	34.7	43.2
territorial education system's											
network	22.4	22.4	27.2	9.8**	23.2	19.2	26.7		16.1	24.1	27.4
% of schools with Website	78.6	78.1	81.9	73.5	81.8	66.4	80.3	71.7		81.7	90.3
Formal corporate/											
administrative site Non-administrative/	55.7	56.1	53.9	57.8	58.1	46.4	56.2	56	44.2	58.4	65.8
informal site	47	43.2	60.2	37.3	49.3	38.1	49.5	33	33.8	52.6	55.3
% of schools by proportion of											
teachers or students with e-											
mail accounts Teachers											
Less than 25%	6.1	6.6	x	13.0**	6.1	6.4*	2.0**	27.1	7.7*	5.6*	4.9**
From 25% to 49%	5	4.9*	4.0**	Х	4.9	5.3**	3.7*	12.0*		7.4*	3.4**
From 50% to 74% 75% or more	5.6 83.3	6 82.5	90.6	9.0**	5.4 83.6	6.2** 82.1	4.6* 89.8	9.3** 51.6		5.4* 81.5	5.1** 86.6
Students	03.3	02.3	90.0	09.7	03.0	02.1	07.8	31.0	02.3	61.3	00.0
Less than 25%	81.7	86	73.1	74	80.8	85.2	81.1	87.7		78.9	80.2
From 25% to 49%	1.7* 2.5*	2.1** 2.3**	X	X	1.5** 2.6*	Х	1.8** 2.4*	X		X	3.2**
From 50% to 74% 75% or more	2.5*	9.6	25.7	15.4*	15.2	10.0*	14.6	8.7**		17.1	3.2**
% of schools with students											
participating in online courses											
Through a virtual school	19.5 3.1*	6.8 2.3**	48.2 5.7*	30.3	20.4 3.2*	15.7	21.8 3.5*	8.7**	15.5	15.8 2.6**	28.9 5.0*
Through a virtual school  Through electronic or online	5.1**	2.3***	5.1**	X	3.2**	X	3.3**	x	X	2.0	3.0*
courses developed by the											
school board/district/											
jurisdiction/province or territory											
•	12.6	3.2*	34.3	19.3*	13.1	10.7*	14.3	х	12.4	8.0*	18.6
Through electronic or online											
courses developed by another board/district/											
jurisdiction/province or											
territory	<b>.</b>	200	10 1	10.75		10.0**					100
Other	7.8 2.5*	2.8* 2.1**	19.1 3.6**	12.7** x	7.1 2.4*	10.8*	8.9 3.0*	X	6.3* 2.7**	6.9*	10.8 x
Other	2.3	4.1	3.0**	х	4.4	, X	3.0	, ×	2.7	X	L X

Table C-2 Connectedness, school year 2003-04 Yukon

	All ashasis	Instruction	al Laval of Ca	haala	Laga	4ian	Time		Cina	
	All schools	Elementary	al Level of So Secondary	Mixed	Loca Urban	Rural	Type Public	Small	Size Medium	Large
% of schools with Internet-		Licinentary	occondary	MINEU	Orban	Kurai	1 dollo	Onidii	medium	Large
connected computers	100	100	x	100	100	100	100	100	100	x
Average number of Internet-										
connected computers										
% of Internet-connected	58.4	52.1	X	41.5	79	39.6	58.4	34.3	64	X
computers										
by type										
Desktop	99.3	98.6	x	99.6	99	99.8	99.3	100	99.2	X
Laptops and Notebooks	0.7	Х	X	X	Х	X	0.7	Х	Х	Х
by processor speed¹									• • •	
Low speed  Medium speed	29.9 55.2	25.8 73.4	X	17.8 76.5	36.7 43.2	17.5 77.3	29.9 55.2	38.3 61.7	28.1 51.6	X
High speed	14.7*	х х	X	, 70.5	X		14.7*	X	20.3*	X
Other speed	х	х	X	. х	Х	Х	X	X	X	X
by location										
Classrooms and portables	43.4	35.9		48.2	42.8	44.4	43.4	33.8	46.2	v
Computer labs	49.8	55.6		47.8	48.8		49.8	61.7		X
Libraries	6.2			3.7	7.4		6.2	X	6.1	х
Other location	х	X	X	х х	Х	X	X	X	. X	X
Student to Internet- connected computer										
ratio (median)	2.9	4.8	v	2.5	3.6	2.6	2.9	2.9	2.7	v
% of schools by methods	2.7	4.0		2.3	. 5.0	2.0	2.9	2.9	2.7	^
to access the Interne										
Dial-up access <sup>2</sup>	х	х	X	X	х	х	х	Х	X	х
Always on <sup>3</sup> Cable modem	100		X	100	100		100	100	100	х
High-speed line (ISDN/DSL)	26.1	X	X	. X	54.5	X	26.1	X	X	X
or Frame relay	65.2	x	x	100	х	83.3	65.2	Х	76.9	X
T1 line	х	Х		X	Х		X	Х	Х	Х
Optical fibre Fixed wireless (terrestrial)	х	X	X	. X	X	X	X	X	X	X
devices	x	x	x	x	х	x	x	х	x	х
Satellite connection	х	Х		. х	Х	Х	X	Х	X	х
Unknown type	х	Х		X	х		х	X	X	х
% of schools with Intranet	х	X	X	. X	X	X	X	X	X	X
network	x	x	x	x	x	x	x	Х	x	х
Internal to the school jurisdic-								-		
tion's network										
Internal to the provincial/	X	X	X	Х. Х	X	X	X	X	X	X
territorial education system's										
network										
% of schools with Website	95.8	87.5	X	100	91.7	100	95.8	85.7	100	X
Formal corporate/										
administrative site	х	Х	X	X	х	X	х	X	X	X
Non-administrative/ informal site	95.8	87.5	v	100	91.7	100	95.8	85.7	100	v
% of schools by proportion of	93.8	87.3	^	. 100	91.7	100	93.6	65.7	100	Λ
teachers or students with e-										
mail accounts										
Teachers										
Less than 25% From 25% to 49%	X	X		x x	X X		X	X	X X	X
From 50% to 74%	X	X		. x	X		X	X	X X	X
75% or more	100			100	100		100	100	100	х
Students										
Less than 25% From 25% to 49%	100 x	100 x		100 x	100 x		100	100	100 x	X
From 50% to 74%	X	X		. x	X		X	X	X	X
75% or more	Х	X		. x	Х		х	X	X	Х
% of schools with students										
participating in online courses	41.5						44.5			
Through a virtual school	41.7 x		X	X	X	X x	41.7 x	X	X	X
Through electronic or online								-		
courses developed by the school board/district/										
jurisdiction/province or										
territory										
	х	X	Х	x	х	x	x	х	х	x
Through electronic or online				1					]	
courses developed by another board/district/										
jurisdiction/province or										
territory										
Other	41.7			X	X		41.7	X	X	X
Other	X	X	X	X	X	X	X	X	. X	X

Table C-2 Connectedness, school year 2003-04 Northwest Territories

	All schools	Instruction	al Level of Sc	hools	Loca	tion	Tv	уре		Size	
	All Solloois	Elementary	Secondary	Mixed	Urban	Rural	Public	Private	Small	Medium	Large
% of schools with Internet-		•									
connected computers	100	100	X	100	100	100	100	X	100	100	100
Average number of Internet-											
connected computers	50.9	54.7	x	37.8	79.8	36.4	52.2	x	21.7	56.9	102.8
% of Internet-connected					.,,,,						
computers											
by type	05.5	05.0		0.5.4	04.0	0.5	05.6		02.0	05.0	061
Desktop  Laptops and Notebooks	95.6 4.4	95.8 4.2*	X	96.4 F	94.3 5.7	97 3.0**	95.6 4.4	X	93.8 v	95.8 4.2*	96.1
by processor speed <sup>1</sup>		4.2	A	•	5.7	5.0	7.7			7.2	A
Low speed	30.2	19.3	Х	51.9	20.9	40.4	30.3	Х	26.0*	41.3	
Medium speed	46.4	56.9	X		52.7	39.5	46.3	X	41.4	32.9	68.7
High speed Other speed	23.4 x	23.8 x	X		26.4 x	20.1 x	23.5 x	X	32.6*	25.8 x	
by location											
Classrooms and											
portables	48 37.1	48.8 33.1	X		43.4 39.3	53 34.7	47.9 37.1	X	55.9	41.9 45.6	
Computer labs Libraries	5.4	7.2	X		6.5	4.2	5.4	X	X	3.8	
Other location	9.6	10.9*	Х	3	10.9*	8.1*	9.6	Х	17.1**	8.7*	Х
Student to Internet-				]							
connected computer	2.0	4.0		2.0	4.0	2.0	2.7		2.1		4.3
ratio (median) % of schools by methods	3.9	4.6	X	2.8	4.2	3.9	3.7	X	2.1	4	4.3
to access the Interne											
Dial-up access <sup>2</sup>	X	х	Х	x	x	X	x	х	x	x	x
Always on <sup>3</sup>	70.6	75	X		81.8	65.2	72.7	X	66.7	68.8	
Cable modem High-speed line (ISDN/DSL)	Х	Х	X	Х	Х	X	X	Х	X	Х	Х
or Frame relay	29.4	x	x	x	х	34.8	30.3	x	x	x	X
T1 line	Х	х	Х	X	X	Х	Х	Х	X		Х
Optical fibre Fixed wireless (terrestrial)	X	X	X	X	X	X	Х	X	X	X	X
devices	x	x	х	x	х	x	х	x	x	х	x
Satellite connection	17.6*	х	Х		X	26.1*	18.2*	X	Х	Х	
Unknown type	20.6*	81.3	X	75	72.7	30.4* 83.3	21.2* 82.4	X	58.3		
% of schools with Intranet Internal to the school	80	81.3	X	/3	12.1	83.3	82.4	X	38.3	88.2	100
network	28.6	x	х	X	х	33.3*	29.4	x	x	41.2*	x
Internal to the school jurisdic-											
tion's network	34.3	37.5*	Y	v	v	29.2*	35.3	v	v	35.3*	v
Internal to the provincial/	54.5	37.3	A	^		27.2	33.3	^		33.3	Α.
territorial education system's											
network	37.1	43.8	Х	v	x	41.7	38.2	v	v	35.3*	v
% of schools with Website	52.9	62.5	X	X	63.6	47.8	54.5	X	X		X
Formal corporate/											
administrative site Non-administrative/	35.3	37.5*	X	X	X	30.4*	36.4	X	X	41.2*	Х
informal site	29.4	43.8	х	x	х	х	30.3	x	x	41.2*	x
% of schools by proportion of	-										
teachers or students with e-											
mail accounts											
Teachers	v	х	v		x	v	v		v	v	
Less than 25% From 25% to 49%	X	X	X	X	X	X	X	X	X	X	X
From 50% to 74%	X	X	Х	Х	Х	Х	X	Х	Х	Х	х
75% or more	94.3	93.8	Х	93.8	90.9	95.8	97.1	X	91.7	94.1	100
Students Less than 25%	68.6	75	x	56.3	90.9	58.3	67.6	v	v	76.5	100
From 25% to 49%	X	X	X	x	y0.5	36.3 X	X	X	X		
From 50% to 74%	X	Х	X	х	X	X	Х	X	X	х	X
75% or more % of schools with students	X	X	X	Х	X	Х	Х	X	Х	Х	X
% of schools with students participating in online courses											
	42.4	x	х	60	х	54.2	43.8	x	x	37.5*	х
Through a virtual school	Х	Х	Х	х	х	Х	Х	X	х	х	х
Through electronic or online courses developed by the											
school board/district/											
jurisdiction/province or											
territory	-										
Through electronic or online	X	Х	X	X	X	X	X	X	X	X	Х
courses developed by											
another board/district/ jurisdiction/province or											
HILLEGICTION/DEOVINCO OF				I				I	Ī	1	
territory	39.4	x x	х	53.3	X X	50 x	40.6	X	x	37.5*	х

Table C-2
Connectedness, school year 2003-04
Nunavut

	All schools	Instruction	al Level of So	hools	Loca	ation	Туре		Size	
	All Schools	Elementary	Secondary	Mixed	Urban	Rural	Public	Small	Medium	Large
% of schools with Internet-		,								
connected computers	100	100	х	100	100	100	100	100	100	100
Average number of Internet-										
connected computers	267	20.0		20.5	22.4	20.2	26.7	22.1	20.4	44.4
% of Internet-connected	36.7	30.8	X	39.5	33.4	38.3	36.7	33.1	32.4	44.4
computers										
by type										
Desktop	95.7	96.8	х	96.5	94	96.5	95.7	93.5	96	97.1
Laptops and Notebooks	4.3*	X	X	3.5*	х	3.5	4.3*	X	X	2.9*
by processor speed1	20.2			51.0		40.1	20.2	24.1**		
Low speed Medium speed	38.2 53.4	61.4	X	51.9 38.3*	78.2	49.1 42.5	38.2 53.4	24.1** 68.5	61.2*	36.3*
High speed	7.9*	х х	X	X	76.2	7.8**	7.9*	X	X	x
Other speed	х	X	Х	х	х	х	Х	х	Х	х
by location										
Classrooms and	25.0	42.7*		21.6*	55.1	27.4*	25.0	22.6		40.0
portables Computer labs	35.8 43.8	43.7*	X	31.6* 42.1	55.1 x	27.4* 50.2	35.8 43.8	33.6 x	X	49.8 x
Libraries	10.6*	X	X		X	12.7*	10.6*	X	X	X
Other location	9.7	6.9*	х	9.5	Х	9.7	9.7	Х	8.4	7.7
Student to Internet-										
connected computer						_				
ratio (median) % of schools by methods	4.8	9.3	X	3.9	4.3	5	4.8	4.1	5.2	9.3
to access the Interne										
Dial-up access <sup>2</sup>	x	х	x	x	х	x	x	x	x	x
Always on <sup>3</sup>	50.0*	X	X		х	х	50.0*	X	X	х
Cable modem	Х	х	X	Х	х	Х	Х	Х	Х	х
High-speed line (ISDN/DSL)		_						_	_	
or Frame relay T1 line	X	X	X	X X	X	X	X	X	X X	X X
Optical fibre	x	X	x	X	X	X	X	X	X	x
Fixed wireless (terrestrial)										
devices	х	X	х	X	Х	х	Х	Х	X	х
Satellite connection Unknown type	X X	X	X	X X	X X	X	X X	X X	X	X X
% of schools with Intranet	75	X	X	x	x	90.9	75	X	X	100
Internal to the school										
network	х	Х	х	х	х	х	Х	х	х	х
Internal to the school jurisdic- tion's network										
tion 3 network	x	х	x	x	х	x	x	х	x	x
Internal to the provincial/										
territorial education system's										
network	v	x	X	x	x	x	x	х	v	v
% of schools with Website	X	X	X	x	X	x	X	X	X	x
Formal corporate/										
administrative site	х	х	х	х	х	х	х	х	X	х
Non-administrative/ informal site	.,	.,								
% of schools by proportion of	x	X	X	X		X	Х	Х	Х	Х
teachers or students with e-										
mail accounts										
Teachers										
Less than 25%	х	X	X	X	X	Х	X	X	X	X
From 25% to 49% From 50% to 74%	X	X	X		X	X	X	X X	X	X
75% or more	93.8	85.7			X	100	93.8	X	X	X
Students										
Less than 25%	87.5	85.7		85.7	х	81.8	87.5	х	х	х
From 25% to 49%	X	X		X	X	X	X	X	X	х
From 50% to 74% 75% or more	X	X	X		X X	X	X	X	X	X
% of schools with students	^	, A	^	^	^		^		^	
participating in online courses										
	х	x	х	х	х	x	х	х	х	х
Through a virtual school	х	Х	X	х	х	х	х	Х	Х	х
Through electronic or online courses developed by the										
school board/district/										
jurisdiction/province or										
territory										
Through electronic or online	X	X	X	X	X	X	X	X	X	Х
courses developed by										
another board/district/										
jurisdiction/province or										
territory										,,,
Other	X	X	X	X	X X	X	X X	X	X X	x
	. A	i A	ı		A					^