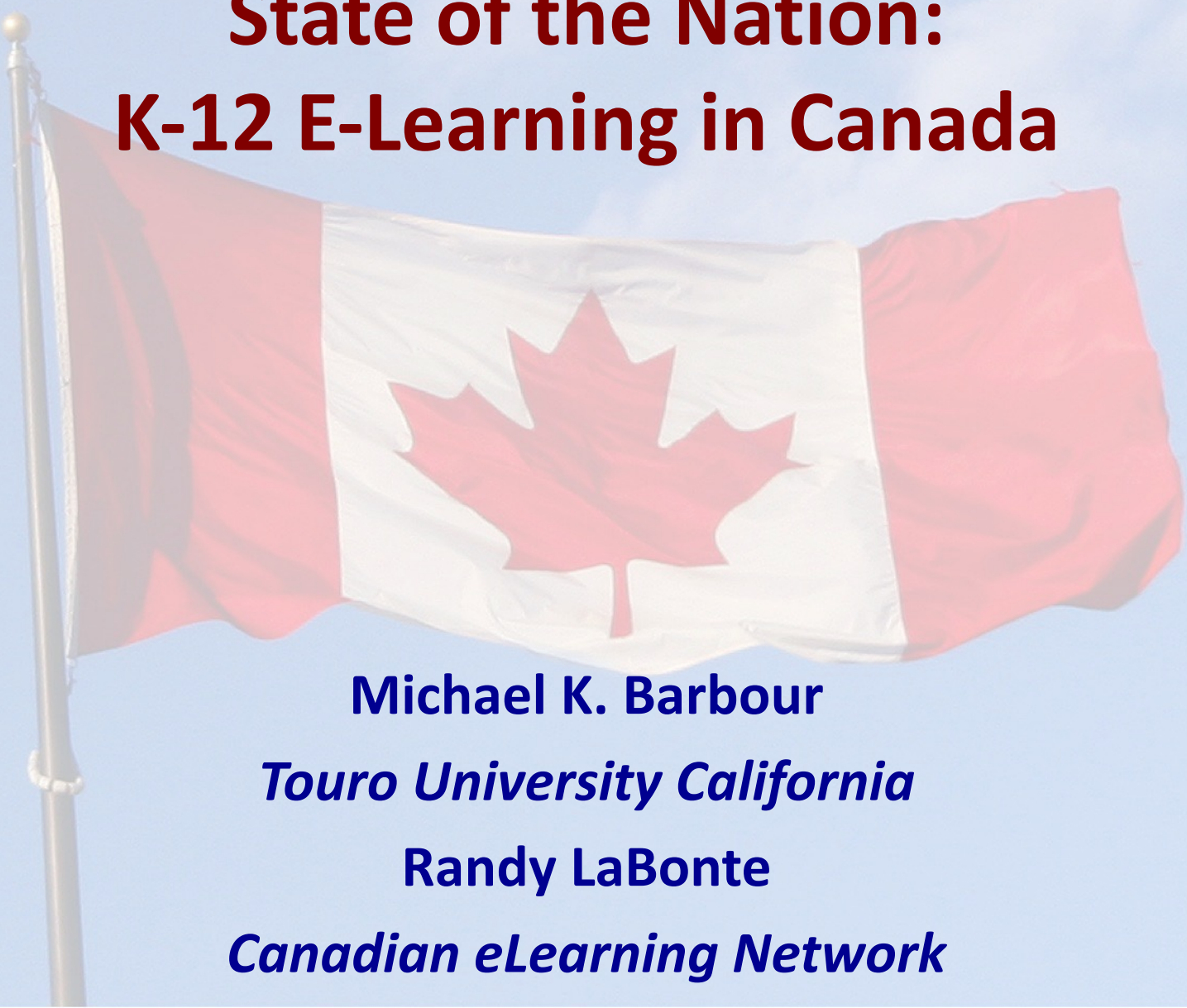
State of the Nation: K-12 E-Learning in Canada



Michael K. Barbour

Touro University California

Randy LaBonte

Canadian eLearning Network

October 2008
A Snapshot
State of the Nation Study:
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British Columbia Teachers' Federation

VISTA VIRTUAL SCHOOL

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Final Reminder: Canadian Initiative for Distance Education

http://k12sotn.ca

Methodology

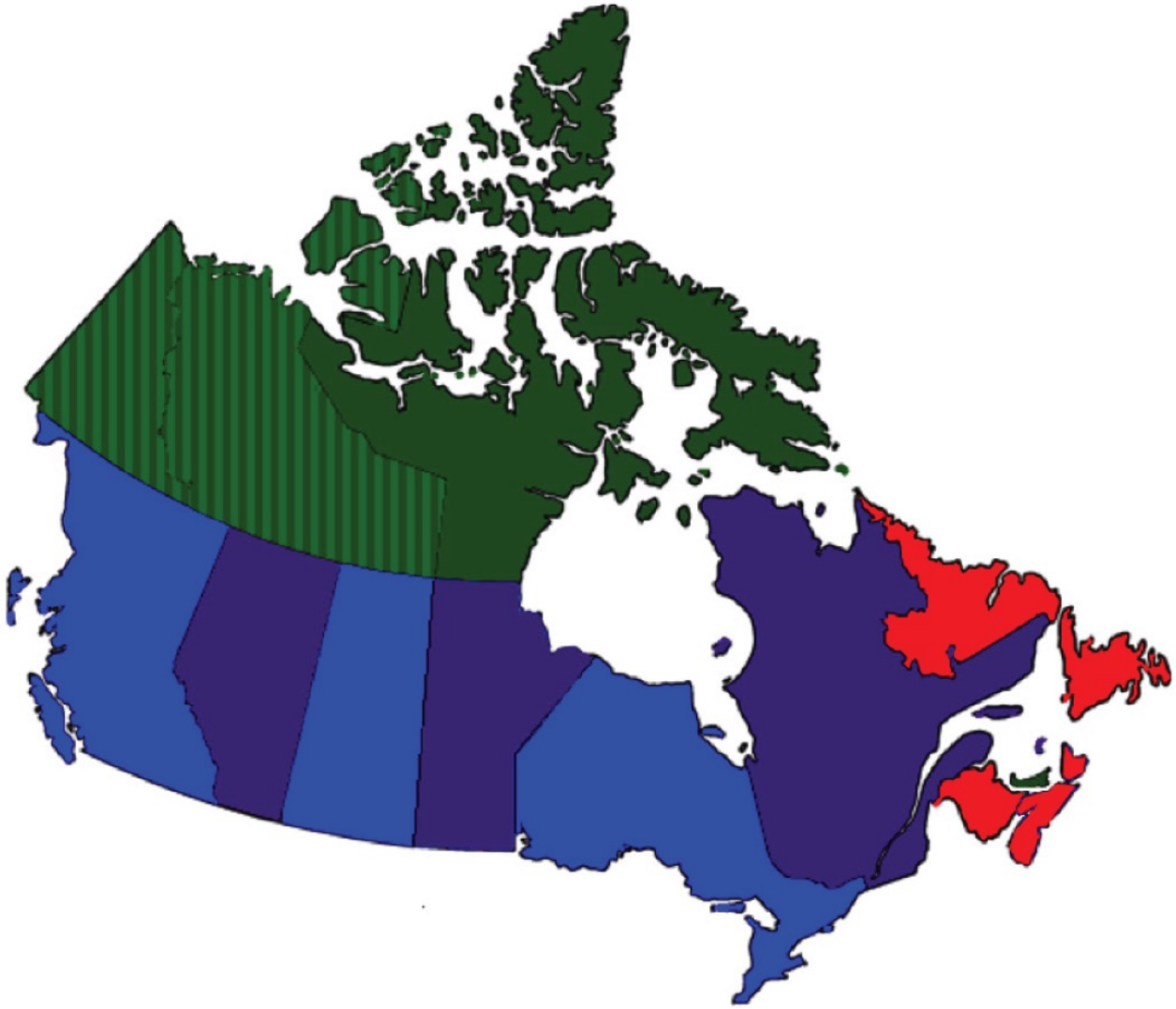
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
NL	KS / DA	MoE / DA	DA	MoE	DA	MoE / DA	MoE / DA	MoE	MoE / KS / DA	KS / DA	KS / DA
NS	DA	MoE / DA	MoE / DA	MoE / DA	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE
PE	DA	KS / DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE
NB	DA	MoE / DA	MoE	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE
QC	KS	KS / DA	MoE / KS	MoE / KS	MoE / KS	MoE / KS	MoE	MoE	MoE / KS	KS	MoE / KS
ON	KS / DA	KS / DA	KS / DA	MoE / DA	MoE / DA	MoE / KS	MoE / KS	KS / DA	KS / DA	MoE / KS / DA	MoE / KS / DA
MB	KS	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE
SK	KS / DA	MoE	MoE	MoE / KS	MoE / KS	MoE / KS	MoE	MoE	MoE / KS	MoE / KS	MoE / KS
AB	DA	KS / DA	KS / DA	MoE	MoE / DA	MoE / DA	MoE / KS	MoE	MoE / DA	MoE / DA	MoE / KS / DA
BC	MoE / DA	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE	MoE
YT	DA	KS / DA	MoE / DA	MoE	MoE	MoE	MoE	MoE	MoE / KS	MoE / KS	MoE / KS
NT	DA	MoE / DA	DA	MoE	MoE	MoE	MoE	MoE	MoE	MoE / DA	MoE
NU	DA	MoE	MoE	MoE	MoE	MoE	MoE / KS	MoE / KS	KS / DA	MoE	MoE
Federal	–	–	–	–	–	AANDC / KS / DA	AANDC / KS	INAC / KS	INAC / KS	INAC / KS	KS

Methodology

	Total Number of Programs	Number of Programs Responding	Response Rate
NL	1	0	0%
NS	2	0	0%
PE	0	-	-
NB	2	1	50%
QC	5	4	80%
ON	81	9	11%
MB	38	3	8%
SK	21	5	24%
AB	32	12	38%
BC	80	20	25%
YT	2	1	50%
NT	1	0	0%
NU	0	-	-
Federal	5	3	60%
Total	**270**	**56**	**21%**

Data as of the time the printed report was submitted for publication (K-12 e-learning programs can update their information at any time).

National Overview



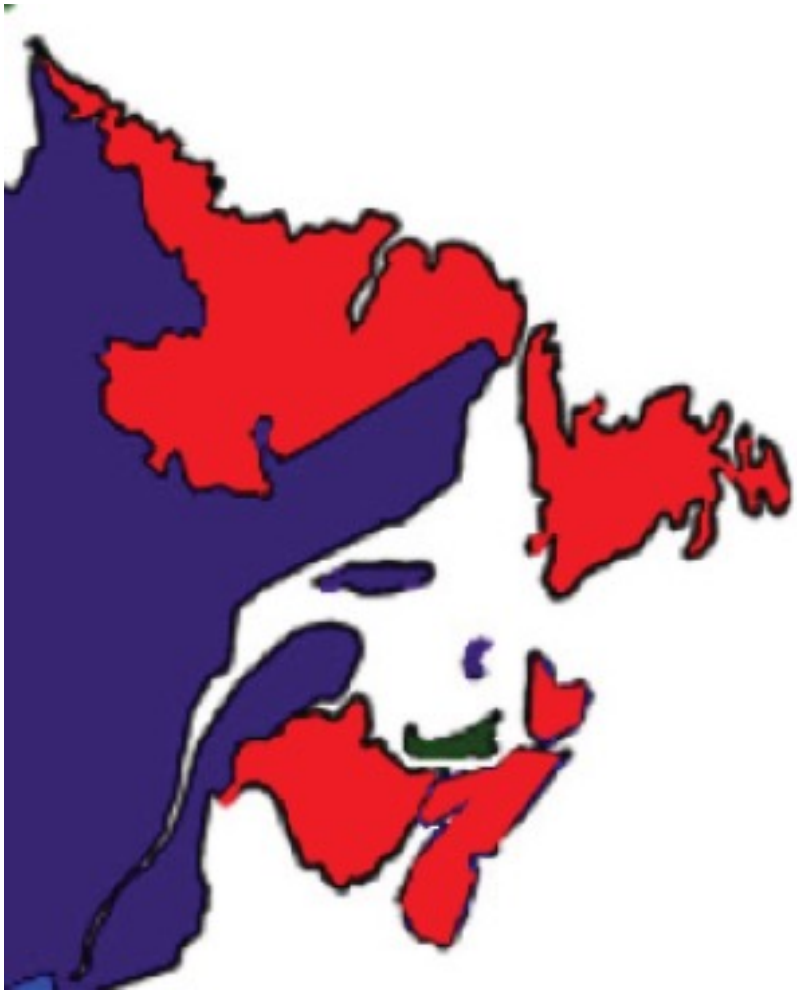
Single provincial program

Primarily district-based programs

Combination of provincial and district-based programs

Use online learning programs from other provinces

Atlantic Canada



Single provincial program

Primarily district-based programs

Combination of provincial and district-based programs

Use online learning programs from other provinces

Central Canada

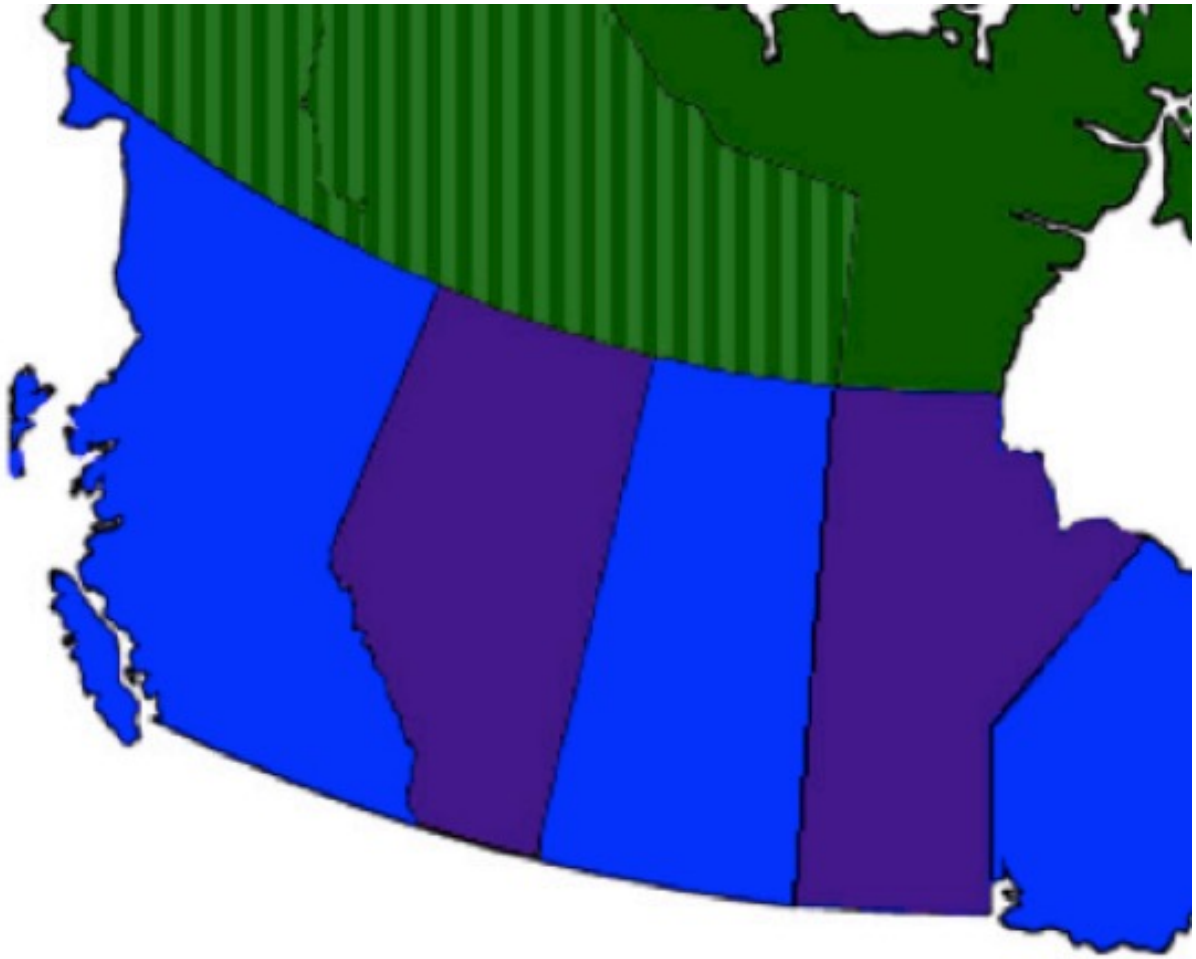
Single provincial program

Primarily district-based programs

Combination of provincial and district-based programs

Use online learning programs from other provinces

Western Canada



Single provincial program

Primarily district-based programs

Combination of provincial and district-based programs

Use online learning programs from other provinces

Northern Canada

Single provincial program

Primarily district-based programs

Combination of provincial and district-based programs

Use online learning programs from other provinces

Regulation

	Legislation	Policy Handbook	Agreements	Memorandum of Understanding
NL				
NS	✓			
PE	✓			
NB		✓		
QC	✓			
ON		✓	✓	
MB	✓	✓		✓
SK				
AB	✓	✓		
BC	✓		✓	
YT	✓			✓
NT	✓	✓		✓
NU	✓			✓
Federal				

Activity: Distance & Online Learning

	# of K-12 students	# enrolled in distance/ online learning	Percent involvement
NL	66,323	1,233	1.9%
NS	119,383	~2,700	2.3%
PE	20,131	56	0.1%
NB	98,906	~3,239	3.4%
QC	1,003,322	30,366	3.0%
ON	2,020,301	~82,000	4.1%
MB	203,515	~6,398	3.1%
SK	182,173	7,738	4.2%
AB	719,889	~63,000	8.8%
BC	635,037	65,556	10.3%
YT	5,662	136	2.4%
NT	8,449	93	1.1%
NU	10,107	~40	0.1%
Federal	~107,000	1,131	1.1%
Total	**5,200,198**	**263,686**	**5.1%**

Activity: Distance & Online Learning

Year	# of distance education students	% of students engaged in distance education
1999-2000*	~25,000	0.5%
2008-09	~140,000	2.7%
2009-10	150,000-175,000	2.9%-3.4%
2010-11	207,096	4.2%
2011-12	245,252	4.9%
2012-13	284,963	5.2%
2013-14	290,185	5.4%
2014-15	311,648	6.0%
2015-16	293,401	5.7%
2016-17	277,603	5.4%
2017-18	263,686	5.1%

** (Canadian Teachers Federation, 2000)*

Activity: Distance & Online Learning

# students engaged in distance and online learning			
	2015-16	2016-17	2017-18
NL	1,105	968	1,233
NS	~2,500	~2,600	~2,700
PE	89	89	56
NB	2,527	3,262	~3,239
QC	~41,000	~42,600	30,366
ON	~94,500	~91,000	~82,000
MB	~8,000	8,941	~6,398
SK	~12,000	~8,500	7,738
AB	~60,000	~50,000	~63,000
BC	69,735	57,046	65,556
YT	149	189	136
NT	81	79	93
NU	325	~40	~40
Federal	1,390	1,289	1,131
Total	**293,401**	**277,603**	**263,686**

Activity: Blended Learning

	# of K-12 students	# enrolled in blended learning	Percent involvement
NL	66,323	~9,000	13.6%
NS	119,383	97,575	81.7%
PE	20,131	-	-
NB	98,906	~7,000	7.1%
QC	1,003,322	~21,300	2.1%
ON	2,020,301	~515,000	25.5%
MB	203,515	-	-
SK	182,173	~11,500	6.3%
AB	704,813	~3071	0.1%
BC	635,037	~9,500	1.5%
YT	5,662	907	16.0%
NT	8,449	~100	1.2%
NU	10,107	-	-
Federal	~107,000	531	0.1%
Total	**5,200,198**	**665,134**	**12.8%**

Activity: Blended Learning

# students engaged in blended learning			
	2015-16	2016-17	2017-18
NL	10,905*	~8,000*	~9,000*
NS	~54,000*	~54,000*	97,575*
PE	-	-	-
NB	4171**	5,917**	~7,000**
QC	44,500**	~5,300***	~21,300***
ON	237,930*	~468,000*	~515,000*
MB	-	24***	-
SK	-	1895***	~11,500***
AB	-	1463***	~3071***
BC	6578***	~6,300***	~9,500***
YT	653**	830**	907**
NT	-	-	~100**
NU	-	-	-
Federal	***	638**	531*
Total	**358,737**	**657,985**	**664,134**

** Estimate based on learning management system data*

*** Data provided by Ministry*

**** Data extracted from individual program survey response*

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Your Questions and Comments

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