

# APPENDIX A: DATA TABLES

## Chapter 2: A Profile of the Educational System

**Table 1: Distribution of students across the province**

(a) By school district (2012/13)

District	Number of students	Percentage
Labrador	3,348	5.0
Western	11,331	16.8
Nova Central	11,928	17.6
Eastern	40,649	60.1
CSFP	348	0.5
Province	67,604	100.0

(b) By region (2012/13)

Region	Number of students	Percentage
Urban regions	42,483	62.8
Rural regions	25,121	37.2
Province	67,604	100.0



**Table 2: Enrolment trends**

(a) Provincial enrolment (2008/09 - 2017/18)

	School year	Student enrolment
Actual	2008/09	70,631
	2009/10	69,665
	2010/11	68,729
	2011/12	67,933
	2012/13	67,604
	2013/14	67,436
Projected	2014/15	67,400
	2015/16	67,353
	2016/17	67,299
	2017/18	67,223

(b) Urban and rural enrolment trends (2008/09 - 2012/13)

School year	Urban regions	Rural regions	Province
2008/09	42,519	28,112	70,631
2009/10	42,360	27,305	69,665
2010/11	42,225	26,504	68,729
2011/12	42,185	25,748	67,933
2012/13	42,483	25,121	67,604
Actual change*	-36	-2,991	-3,027
Percentage change*	-0.1	-10.6	-4.3

Note:

\* between 2008/09 and 2012/13

(c) District enrolment trends (2008/09 - 2012/13)

School year	Labrador	Western	Nova Central	Eastern	CSFP
2008/09	3,589	12,773	12,743	41,257	269
2009/10	3,477	12,489	12,493	40,950	256
2010/11	3,413	12,046	12,331	40,673	266
2011/12	3,386	11,600	12,083	40,558	306
2012/13	3,348	11,331	11,928	40,649	348
Actual change*	-241	-1,442	-815	-608	+79
Percentage change*	-6.7	-11.3	-6.4	-1.5	29.4

Note:

\* between 2008/09 and 2012/13

**Table 3: A profile of the province's educators**

(a) By position (2012/13)

Position	Number of FTE educators	Percentage
Administrative	728	13.2
Classroom teacher	3,551	64.4
Instructional Resource Teacher	802	14.5
Other	434	7.9
<b>Total</b>	<b>5,515</b>	<b>100.0</b>

(b) By position and gender (2012/13)

Position	Number of FTE educators	Male (%)	Female (%)
Administrative	728	49.3	50.7
Classroom teacher	3,551	26.3	73.7
Instructional Resource Teacher	802	14.7	85.3
Other	434	34.2	65.8
<b>Total</b>	<b>5,515</b>	<b>27.8</b>	<b>72.2</b>

**Table 4: Workforce trends**

(a) Number of FTE educators (2008/09 - 2012/13)

School year	Number of FTE educators
2008/09	5,572
2009/10	5,569
2010/11	5,544
2011/12	5,529
2012/13	5,515
Actual change*	-57
Percentage change*	-1.0

Note:

\* between 2008/09 and 2012/13

(b) By age (2008/09 - 2012/13)

School year	Number of FTE educators	Percentage who were ...			
		Younger than 30 years	30-39 years	40-49 years	50 years or older
2008/09	5,572	13.5	27.1	40.0	19.4
2009/10	5,569	13.2	25.8	40.4	20.7
2010/11	5,544	12.3	26.0	40.7	20.9
2011/12	5,529	12.3	25.5	39.9	22.3
2012/13	5,515	11.5	26.9	39.4	22.2
Actual change*	-57	-119	-25	-56	142
Percentage change*	-1.0	-15.8	-1.7	-2.5	13.1

Note:

\* between 2008/09 and 2012/13

(c) By position and gender (2008/09 - 2012/13)

School year	Administrative		Classroom teacher		Instructional Resource Teacher	
	Male (%)	Female (%)	Male (%)	Female (%)	Male (%)	Female (%)
2008/09	53.1	46.9	28.2	71.8	14.8	85.2
2009/10	54.0	46.0	27.6	72.4	15.4	84.6
2010/11	52.1	47.9	27.2	72.8	14.5	85.5
2011/12	51.3	48.7	26.7	73.3	14.7	85.3
2012/13	49.3	50.7	26.3	73.7	14.7	85.3
Actual change in the number*	-27	28	-64	72	-7	-38
Percentage change*	-7.0	8.2	-6.4	2.8	-5.6	-5.3

Note:

\* between 2008/09 and 2012/13

**Table 5: Pupil Teacher Ratios (PTR)**

(a) Provincial and district PTRs (2012/13)

District	PTR
Labrador	10.3
Western	10.6
Nova Central	11.1
Eastern	12.7
CSFP	7.3
Province	11.8

(b) Canadian and jurisdictional PTR<sup>5</sup> (2010/11)

Jurisdiction	PTR
Canada	13.8
Newfoundland and Labrador	11.8
Prince Edward Island	12.8
Nova Scotia	12.9
New Brunswick	13.6
Quebec	12.7
Ontario	13.5
Manitoba	13.7
Saskatchewan	13.6
Alberta	15.9
British Columbia	16.8
North West Territories	13.8
Yukon	n/a
Nunavut	13.1

(c) Trends in the provincial and district PTR (2008/19 – 2012/13)

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	11.5	11.1	11.5	11.3	10.3
Western	11.2	11.2	10.9	10.5	10.6
Nova Central	11.8	11.6	11.5	11.2	11.1
Eastern	13	12.7	12.7	12.7	12.7
CSFP	6.4	6.1	6.3	7.3	7.3
Province	12.2	12.1	12.0	11.9	11.8

5 Adapted from: Statistics Canada Table C.2.3 - Student-educator ratio in public elementary and secondary schools, Canada, provinces and territories, 2001/2002 to 2010/2011 Retrieved from <http://www.statcan.gc.ca/pub/81-582-x/2013001/tbl/tblc2.3-eng.htm>



**Table 6: Number of schools**

(a) District breakdown (2012/13)

District	Number of schools	Percentage
Labrador	15	5.6
Western	65	24.3
Nova Central	65	24.3
Eastern	118	44.0
CSFP	5	1.9
<b>Province</b>	<b>268</b>	<b>100.0</b>

(b) By region (2012/13)

Region	Number of schools	Percentage
Urban regions	99	36.9
Rural regions	169	63.1
<b>Province</b>	<b>268</b>	<b>100.0</b>

(c) Change in the number of schools (2008/09 - 2012/13)

School year	Labrador	Western	Nova Central	Eastern	CSFP	Province
2008/09	15	72	66	121	5	279
2009/10	15	71	67	121	5	279
2010/11	15	65	66	121	5	272
2011/12	15	65	65	118	5	268
2012/13	15	65	65	118	5	268
<b>Actual change*</b>	<b>0</b>	<b>-7</b>	<b>-1</b>	<b>-3</b>	<b>0</b>	<b>-11</b>
<b>Percentage change*</b>	<b>0.0</b>	<b>-9.7</b>	<b>-1.5</b>	<b>-2.5</b>	<b>0.0</b>	<b>-3.9</b>

Note:

\* between 2008/09 and 2012/13

**Table 7: School configurations**

(a) Provincial breakdown (2012/13)

School configuration	Number of schools	Percentage
Primary	12	4.5
Elementary	101	37.7
Intermediate	21	7.8
Secondary	26	9.7
High School	25	9.3
K-12	83	31.0
<b>Total</b>	<b>268</b>	<b>100.0</b>

(b) By region (2012/13)

School configuration	Percentage of schools in	
	Urban regions (n=99)	Rural regions (n=169)
Primary	6.1	3.6
Elementary	49.5	30.8
Intermediate	17.2	2.4
Secondary	6.1	11.8
High School	17.2	4.7
K-12	4.0	46.7
<b>Total</b>	<b>100.0</b>	<b>100.0</b>





(c) By school district (2012/13)

School configuration	Labrador (n=15)	Western (n=65)	Nova Central (n=65)	Eastern (n=118)	CSFP (n=5)	Province (n=268)
Primary	13.3	1.5	9.2	2.5	0.0	4.5
Elementary	20.0	30.8	27.7	49.2	40.0	37.7
Intermediate	0.0	6.2	4.6	11.9	0.0	7.8
Secondary	13.3	9.2	13.8	7.6	0.0	9.7
High School	0.0	7.7	6.2	13.6	0.0	9.3
K-12	53.3	44.6	38.5	15.3	60.0	31.0
Total	100.0	100.0	100.0	100.0	100.0	100.0

**Table 8: Average class size**

(a) District breakdown (2012/13)

Grade level	Labrador	Western	Nova Central	Eastern	CSFP	Province
Primary (K-3)	15.7	15.0	15.7	17.8	11.6	16.7
Elementary (4-6)	16.7	16.8	16.9	19.3	11.8	18.2
Intermediate (7-9)	18.3	18.2	17.8	20.9	9.1	19.5
K-9	17.0	16.6	16.8	19.2	11.4	18.1

(b) Provincial trends (2008/09 - 2012/13)

Grade level	2008/09	2009/10	2010/11	2011/12	2012/13
Primary (K-3)	16.9	16.7	16.9	16.6	16.7
Elementary (4-6)	19	18.4	18.2	18	18.2
Intermediate (7-9)	21.3	20.1	19.8	19.4	19.5
K-9	18.9	18.3	18.2	17.9	18.1

## Chapter 3: High School Course Selections

**Table 9: Enrolment in Level I general courses**

(a) Identifying general and academic level courses (2012/13)

Subject	Number of students enrolled in	
	General course	General and academic course
Mathematics	Mathematics 1202	Mathematics 1202 + Mathematics 1201
Science	Science 2200	Science 2200 + Science 1206
English	English 1202	English 1202 + English 1201

(b) Percentage of students in general courses (2012/13)

Subject	Number of students enrolled in		Percentage in general (a/b)
	General level course only (a)	General and academic level courses (b)	
Mathematics	1,024	5,751	17.8
Science	808	5,575	14.5
English	819	5,612	14.6

(c) Gender breakdown (2012/13)

Subject	Number of students enrolled in				Percentage in general (a/b)	
	General level course only (a)		General and academic level course (b)			
	Male	Female	Male	Female		
Mathematics	645	379	2,949	2,802	21.9	13.5
Science	535	273	2,869	2,706	18.6	10.1
English	552	267	2,898	2,714	19.0	9.8



(d) Trends in the percentage of students in general courses  
(2008/09 – 2012/13)

Subject	2008/09	2009/10	2010/11	2011/12	2012/13
Mathematics	24.5	20.8	18.2	24.5	17.8
Science	21.0	17.5	16.9	15.9	14.5
English	21.2	18.3	16.3	14.9	14.6

**Table 10: Student success in Level I general and academic courses**

(a) Percentage of students who successfully completed the course (2012/13)

Subject	General level course	Academic level course
Mathematics	87.7	83.2
Science	90.1	91.6
English	86.0	92.7

(b) Gender difference in successful completions (2012/13)

Subject	General level course		Academic level course	
	Male (%)	Female (%)	Male (%)	Female (%)
Mathematics	86.7	89.4	80.9	85.4
Science	90.6	89.0	90.8	92.3
English	84.4	89.7	90.5	94.7



## Chapter 4: Early School Leavers

**Table 11: Early school leaver rate**

(a) Provincial and district rates (2012/13)

District	Early School Leaver Rate
Labrador	11.2
Western	6.2
Nova Central	4.5
Eastern	6.7
CSFP	7.7
Province	6.9

(b) Provincial and district trends (2008/09 - 2012/13)

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	14.6	8.8	8.9	9.5	11.2
Western	7.7	6.2	6.6	5.8	6.2
Nova Central	7.5	5.4	6.5	6.0	4.5
Eastern	8.2	7.5	7.3	7.5	6.7
CSFP	9.7	4.1	13.3	10.3	7.7
Province	8.6	7.1	7.3	7.5	6.9

(c) Gender trends (2008/09 - 2012/13)

Gender	2008/09	2009/10	2010/11	2011/12	2012/13
Male	9.4	8.1	8.2	8.4	7.7
Female	7.7	5.9	6.4	6.4	6.0
Province	8.6	7.1	7.3	7.5	6.9



**Table 12: Dropout rates across Canada**

(a) Across Canada (2012)

Jurisdiction	Dropout rate
Canada	8.1
Newfoundland and Labrador	8.7
Prince Edward Island	8.1
Nova Scotia	7.6
New Brunswick	7.4
Quebec	10.6
Ontario	6.6
Manitoba	10.4
Saskatchewan	9.2
Alberta	10.0
British Columbia	5.9

(b) Trends in the Canadian and provincial dropout rate (2008 – 2012)

Year	Canada	Newfoundland and Labrador
2008	9.3	9.6
2009	9.2	8.1
2010	8.9	7.4
2011	8.5	8.2
2012	8.1	8.7

## Chapter 5: High School Graduation

**Table 13: High school pass rate**

(a) Provincial and district pass rate (2012/13)

District	Pass Rate
Labrador	92.1
Western	95.1
Nova Central	96.3
Eastern	95.2
CSFP	100.0
Province	95.2

(b) Provincial and district trends (2008/09 – 2012/13)

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	88.3	94.0	92.6	87.6	92.1
Western	89.6	93.5	92.8	93.4	95.1
Nova Central	90.4	92.5	91.1	95.5	96.3
Eastern	90.6	91.4	91.4	92.5	95.2
CSFP	100.0	100.0	77.8	75.0	100.0
Province	90.3	92.2	91.7	92.7	95.2

(c) Gender trends (2008/09 – 2012/13)

Gender	2008/09	2009/10	2010/11	2011/12	2012/13
Male	88.2	91.4	90.9	91.8	94.9
Female	92.4	93.1	92.4	93.6	95.4
Province	90.3	92.2	91.7	92.7	95.2



**Table 14: Graduation rates across Canada (2009/10)**

Jurisdiction	Graduation rate
Canada	78.3
Newfoundland and Labrador	84.5
Prince Edward Island	82.3
Nova Scotia	84.2
New Brunswick	86.5
Quebec	77.9
Ontario	83.2
Manitoba	66.4
Saskatchewan	78.2
Alberta	70.8
British Columbia	71.8
Yukon	69.1
Northwest Territories	55.7
Nunavut	38.1

**Table 15: Percentage of students graduating with a general or academic/honours diploma**

(a) District breakdown (2012/13)

District	General	Honours or Academic
Labrador	41.2	58.8
Western	30.7	69.3
Nova Central	38.4	61.6
Eastern	29.6	70.4
CSFP	42.9	57.1
Province	32.9	67.1

(b) Percentage graduating with an academic/honours diploma (2008/09 – 2012/13)

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	56.1	53.3	57.0	58.4	58.8
Western	58.9	58.6	64.6	66.6	69.3
Nova Central	53.6	60.9	63.3	66.6	61.6
Eastern	70.8	68.4	71.3	71.3	70.4
CSFP	41.6	0.0	42.9	0.0	57.1
Province	64.0	63.5	67.0	67.8	67.1

(c) Gender difference in graduating with an academic/honours diploma (2008/09 – 2012/13)

Gender	2008/09	2009/10	2010/11	2011/12	2012/13
Male	57.4	57.5	60.2	60.7	60.1
Female	70.1	69.7	73.5	75.0	74.1
Province	64.0	63.5	67.0	67.8	67.1







## Chapter 7: Public Examinations

**Table 16: Student performance in mathematics**

(a) District and provincial results (2012/13)

Course name	District	Number of students	Average final grade
Mathematics 3204 (Academic)	Labrador	107	58.5
	Western	516	62.9
	Nova Central	441	63.7
	Eastern	1,588	60.6
	Province	2,718	61.3
Mathematics 3205 (Advanced)	Labrador	48	79.5
	Western	245	79.7
	Nova Central	102	80.4
	Eastern	572	79.8
	Province	986	79.7
Mathématiques 3231	CSFP	4	60.5
	Province	4	60.5

(b) Gender differences (2012/13)

Course name	Male		Female		Gender difference
	Number of students	Average final grade	Number of students	Average final grade	
Mathematics 3204 (Academic)	1251	59.1	1467	63.3	4.2
Mathematics 3205 (Advanced)	448	78.4	538	80.8	2.4

(c) Provincial trends (2008/09 – 2012/13)

Course name	2008/09	2009/10	2010/11	2011/12	2012/13
Mathematics 3204 (Academic)	62.3	61.7	62.0	62.7	61.3
Mathematics 3205 (Advanced)	77.6	77.9	79.3	79.1	79.7

(d) District trends (2008/09 - 2012/13)

(i) Mathematics 3204 (Academic)

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	62.6	66.3	59.7	57.6	58.5
Western	65.0	63.8	63.2	62.4	62.9
Nova Central	60.6	60.0	63.0	65.5	63.7
Eastern	61.8	61.1	61.8	62.6	60.6
CSFP (Mathématiques 3231)	64.9	60.4	54.8	55.0	60.5

(ii) Mathematics 3205 (Advanced)

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	79.2	80.3	81.7	76.7	79.5
Western	80.4	79.2	80.4	79.1	79.7
Nova Central	74.3	72.8	75.4	76.1	80.4
Eastern	77.7	79.0	80.1	80.1	79.8





**Table 17: Student performance in science**

(a) District and provincial results (2012/13)

Course name	District	Number of students	Average final grade (%)
Biologie 3231	CSFP	3	54.3
	Province	3	54.3
Biology 3201	Labrador	129	64.5
	Western	535	65.3
	Nova Central	567	65.3
	Eastern	1,688	67.5
	Province	2,985	66.5
Chemistry 3202	Labrador	46	73.8
	Western	372	72.3
	Nova Central	317	71.8
	Eastern	1,071	71.6
	Province	1,829	71.9
Chimie 3239	CSFP	1	50.0
	Province	1	50.0
Earth Systems 3209	Labrador	28	61.4
	Western	45	60.8
	Nova Central	42	59.6
	Eastern	747	60.3
	Province	862	60.4
Physics 3204	Labrador	27	75.1
	Western	156	75.9
	Nova Central	119	75.2
	Eastern	687	74.8
	Province	997	75.0

(b) Gender differences (2012/13)

Course name	Male		Female		Gender difference
	Number of students	Average final grade (%)	Number of students	Average final grade (%)	
Biology 3201	1,068	64.4	1,917	67.7	3.3
Chemistry 3202	799	71.9	1,030	72.1	0.2
Earth Systems 3209	471	60.1	391	60.7	0.6
Physics 3204	670	73.9	327	77.4	3.5

(c) Provincial trends (2008/09 – 2012/13)

Course name	2008/09	2009/10	2010/11	2011/12	2012/13
Biology 3201	63.1	64.4	64.0	65.8	66.5
Chemistry 3202	68.3	70.8	71.1	71.2	72.0
Earth Systems 3209	60.7	61.4	61.7	62.6	60.4
Physics 3204	71.6	71.0	73.9	74.5	75.0

(d) District trends (2008/09 - 2012/13)

(i) *Biology 3201*

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	65.2	64.6	62.7	62.4	64.5
Western	63.2	64.7	62.3	66.3	65.3
Nova Central	62.4	65.2	63.8	66.1	65.3
Eastern	63.0	64.2	65.0	66.0	67.5
CSFP (Biologie 3231)	60.1	57.3	48.1	48.0	54.3



*(ii) Chemistry 3202*

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	60.4	72.5	72.6	68.0	73.8
Western	65.8	72.6	69.9	71.0	72.3
Nova Central	69.6	70.2	70.0	68.5	71.8
Eastern	69.2	70.5	71.8	72.2	71.6
CSFP (Chimie 3239)	--	--	--	57.0	50.0

*(iii) Earth Systems 3209*

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	--	--	--	--	61.4
Western	59.7	55.1	60.2	60.5	60.8
Nova Central	54.9	55.1	63.2	57.7	59.6
Eastern	61.4	62.0	62.1	63.2	60.3

*(iv) Physics 3204*

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	76.5	77.2	77.8	78.2	75.1
Western	68.6	69.4	71.8	72.2	75.9
Nova Central	72.0	71.9	74.2	75.6	75.2
Eastern	71.8	70.8	74.3	74.6	74.8

**Table 18: Student performance in language**

(a) District and provincial results (2012/13)

Course name	District	Number of students	Average final grade (%)
English 3201	Labrador	158	65.0
	Western	757	69.9
	Nova Central	645	68.7
	Eastern	2,395	69.6
	CSFP	5	64.0
	Province	4,032	69.3
Français 3202 (Immersion)	Labrador	23	72.0
	Western	27	75.4
	Nova Central	41	75.1
	Eastern	419	76.0
	Province	510	75.7

(b) Gender differences (2012/13)

Course name	Male		Female		Gender difference
	Number of students	Average final grade (%)	Number of students	Average final grade (%)	
English 3201	18,54	66.6	2,178	71.7	5.1
Français 3202 (Immersion)	169	74.8	241	76.2	1.4

(c) Provincial trends (2008/09 – 2012/13)

Course name	2008/09	2009/10	2010/11	2011/12	2012/13
English 3201	64.2	66.5	66.2	65.0	69.3
Français 3202 (Immersion)	73.3	74.7	73.7	75.6	75.7



(d) District trends (2008/09 - 2012/13)

(i) English 3201

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	60.6	63.5	63.7	60.4	65.0
Western	63.9	67.0	66.6	65.1	69.9
Nova Central	64.0	65.5	66.7	65.1	68.7
Eastern	64.6	66.7	66.5	65.2	69.6
CSFP	60.5	60.4	63.8	61.0	64.0

(ii) Français 3202 (Immersion)

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	74.4	71.6	77.6	73.8	72.0
Western	78.3	75.7	75.6	76.3	75.4
Nova Central	72.9	77.4	72.5	78.9	75.1
Eastern	72.9	74.5	73.5	75.3	76.0



**Table 19: Student performance in social studies courses**

(a) District and provincial results (2012/13)

Course name	District	Number of students	Average final grade (%)
World History 3201	Labrador	46	68.0
	Western	122	67.2
	Nova Central	104	70.8
	Eastern	692	67.6
	Province	1,024	68.5
World Geography 3202	Labrador	100	64.9
	Western	589	72.0
	Nova Central	510	73.6
	Eastern	1,358	68.2
	Province	2,575	69.9
Histoire mondiale 3231	Labrador	32	66.6
	Western	41	67.3
	Nova Central	20	65.3
	Eastern	336	74.8
	CSFP	8	55.5
	Province	437	72.7

(b) Gender differences (2012/13)

Course name	Male		Female		Gender difference
	Number of students	Average final grade (%)	Number of students	Average final grade (%)	
World History 3201	486	68.2	538	68.9	0.7
World Geography 3202	1,241	69.4	1,334	70.5	1.1
Histoire mondiale 3231	156	73.1	281	72.5	-0.6



(c) Provincial trends (2008/09 – 2012/13)

Course name	2008/09	2009/10	2010/11	2011/12	2012/13
World History 3201	68.0	67.2	69.3	70.3	68.5
World Geography 3202	67.2	64.6	68.0	68.7	69.9
Histoire mondiale 3231	71.7	69.9	69.0	74.7	72.7

(d) District trends (2008/09 - 2012/13)

(i) *World History 3201*

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	63.2	66.9	67.7	65.2	68.0
Western	69.2	67.8	68.9	71.7	67.2
Nova Central	69.5	68.6	71.7	76.1	70.8
Eastern	67.7	67.0	68.9	69.9	67.6

(ii) *World Geography 3202*

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	65.8	61.5	64.7	65.9	64.9
Western	68.4	66.7	69.0	69.8	72.0
Nova Central	68.2	65.3	69.3	69.1	73.6
Eastern	66.2	63.8	67.4	68.4	68.2

(iii) *Histoire mondiale 3231*

District	2008/09	2009/10	2010/11	2011/12	2012/13
Labrador	69.1	60.0	64.9	70.8	66.6
Western	67.8	69.0	69.0	74.2	67.3
Nova Central	59.6	69.7	61.2	76.4	65.3
Eastern	73.1	70.1	70.2	74.9	74.8
CSFP	64.7	68.3	60.4	69.0	55.5

## Chapter 8: Provincial Assessments

**Table 20: Primary performance**

(a) Percentage of students performing at/or above grade level (2012/13)

District	Number of students assessed	Reading	Writing
Labrador	209	62.9	65.0
Western	717	73.4	60.7
Nova Central	752	71.0	63.8
Eastern	2,425	73.6	65.3
Province	4,176	72.6	64.4

(b) Gender differences in percentage at/above grade level (2012/13)

Gender	Number of students assessed	Reading	Writing
Male	2,177	69.8	57.1
Female	1,999	75.7	72.4
Province	4,176	69.8	57.1

(c) Provincial trends in percentage at/above grade level (2008/09 – 2012/13)

Year	Number of students assessed	Reading	Writing
2008/09	4,506	74.8	59.2
2009/10	4,317	73.9	67.5
2010/11	4,315	65.4	71.9
2011/12	4,212	56.2	81.7
2012/13	4,176	72.6	64.4



(d) Student performance on the multiple choice section (2012/13)

District	Number of students assessed	Average score in reading
Labrador	209	69.4
Western	717	73.5
Nova Central	752	71.4
Eastern	2,425	73.0
Province	4,176	72.7

(e) Gender differences in average score (2012/13)

Gender	Number of students assessed	Average score in reading
Male	2,177	71.5
Female	1,999	73.9
Province	4,176	72.7

(f) Provincial trends in average score (2008/09 - 2012/13)

Year	Number of students assessed	Average score in reading
2008/09	4,506	88.3
2009/10	4,317	92.2
2010/11	4,315	79.7
2011/12	4,212	67.5
2012/13	4,176	72.7

**Table 21: Elementary performance**

(a) Percentage of students at/above grade level (2012/13)

District	Number of students assessed	Reading	Writing
Labrador	210	78.5	75.6
Western	807	81.1	72.9
Nova Central	855	80.9	70.7
Eastern	2,935	83.8	78.9
Province	4,877	82.9	76.5

(b) Gender differences in percentage at/above grade level (2012/13)

Gender	Number of students assessed	Reading	Writing
Male	2,499	78.8	67.8
Female	2,378	87.0	85.5
Province	4,877	82.9	76.5

(c) Provincial trends in percentage at/above grade level (2008/09 – 2012/13)

Year	Number of students assessed	Reading	Writing
2008/09	5,221	61.7	78.7
2009/10	5,181	69.2	81.4
2010/11	5,157	62.5	74.7
2011/12	5,020	54.4	74.8
2012/13	4,877	82.9	76.5



(d) Student performance on multiple choice section (2012/13)

District	Number of students assessed	Average score in reading
Labrador	210	76.9
Western	807	76.8
Nova Central	855	77.8
Eastern	2,935	79.0
Province	4,877	78.5

(e) Gender differences in average score (2012/13)

District	Number of students assessed	Average score in reading
Male	2,499	76.6
Female	2,378	80.4
Province	4,877	78.5

(f) Provincial trends in average score (2008/09 – 2012/13)

District	Number of students assessed	Average score in reading
2008/09	5,221	87.1
2009/10	5,181	81.0
2010/11	5,157	79.5
2011/12	5,020	71.1
2012/13	4,877	78.5

**Table 22: Intermediate performance**

(a) Percentage of students at/above grade level (2012/13)

District	Number of students assessed	Reading	Writing
Labrador	265	82.6	88.6
Western	874	82.8	92.0
Nova Central	894	85.8	91.7
Eastern	2,850	87.5	93.6
Province	4,951	86.2	92.7

(b) Gender differences in percentage at/above grade level (2012/13)

Gender	Number of students assessed	Reading	Writing
Male	2,503	82.7	89.6
Female	2,448	88.7	96.8
Province	4,951	86.2	92.7

(c) Provincial trends in percentage at/above grade level(2012/13)

Year	Number of students assessed	Reading	Writing
2008/09	2,665	77.5	83.0
2009/10	874	71.6	85.5
2010/11	894	65.3	83.3
2011/12	2,850	90.4	90.7
2012/13	4,951	86.2	92.7



(d) Student performance on the multiple choice sections (2012/13)

District	Number of students assessed	Average score in reading
Labrador	2,665	54.4
Western	874	54.2
Nova Central	894	54.7
Eastern	2,850	56.7
Province	4,951	55.9

(e) Gender differences in average scores (2012/13)

Gender	Number of students assessed	Average score in reading
Male	2,503	55.7
Female	2,448	56.0
Province	4,951	55.9

(f) Provincial trends in average scores (2012/13)

Year	Number of students assessed	Average score in reading
2008/09	5,268	77.1
2009/10	5,306	82.2
2010/11	5,297	68.0
2011/12	5,117	71.7
2012/13	4,951	55.9



## Chapter 9: The Progress in International Reading Literacy Study

**Table 23: Average reading scores (2011)**

(a) Across Canada

Jurisdiction	Average Score	Standard Error
Canada	548	1.6
Newfoundland and Labrador	546	2.8
Nova Scotia	549	2.4
New Brunswick (French)	514	2.7
Quebec	538	2.1
Ontario	552	2.6
Alberta	548	2.9
British Columbia	556	3.2

(b) Gender differences

Jurisdiction	Male		Female		Gender difference
	Average score (%)	Standard error	Average score (%)	Standard error	
Canada	542	2.1	555	1.7	13
Newfoundland and Labrador	538	3.1	555	3.1	17
Nova Scotia	543	2.8	556	2.6	13
New Brunswick (French)	507	4.4	520	3.5	13
Quebec	531	2.4	544	2.6	13
Ontario	546	2.8	558	3.1	12
Alberta	543	3.1	553	3.1	10
British Columbia	548	3.7	564	3.5	16





## Chapter 10: Programme for International Student Assessment

**Table 24: Assessing reading skills (2012)**

(a) Reading purpose

Jurisdiction	Literacy		Informational	
	Average score (%)	Standard error	Average score (%)	Standard error
Canada	553	1.7	545	1.7
Newfoundland and Labrador	552	2.9	543	1.7
Nova Scotia	555	2.6	545	2.5
New Brunswick (French)	516	3.4	510	3.2
Quebec	539	2.0	536	2.4
Ontario	558	2.6	549	2.7
Alberta	552	3.0	545	2.8
British Columbia	561	3.4	552	3.2

(b) Comprehension processes

Jurisdiction	Retrieving and Straightforward Inferencing		Interpreting, Integrating and Evaluating	
	Average score (%)	Standard error	Average score (%)	Standard error
Canada	543	1.5	554	1.5
Newfoundland and Labrador	540	2.5	553	2.8
Nova Scotia	543	2.4	555	2.4
New Brunswick (French)	514	3.3	513	3.3
Quebec	538	2.1	538	2.3
Ontario	545	2.5	559	2.6
Alberta	542	2.9	554	3.2
British Columbia	550	3.2	561	3.2

**Table 25: Percentage of students assessed at each proficiency level (2012)**

Jurisdiction	Below	Low	Intermediate	High	Advanced
Canada	2	12	35	38	13
Newfoundland and Labrador	2	14	34	37	13
Nova Scotia	2	13	33	38	14
New Brunswick (French)	4	23	44	26	3
Quebec	2	13	42	36	7
Ontario	3	12	31	39	15
Alberta	3	12	34	38	13
British Columbia	2	10	33	40	15

**Table 26: Student performance in Canada and Newfoundland and Labrador (2012)**

		Newfoundland and Labrador		Canada	
		Average score (%)	Standard error	Average score (%)	Standard error
Purpose	Literacy	552	2.9	553	1.7
	Informational	543	1.7	545	1.7
Comprehension	Retrieving and Straightforward Inferencing	540	2.5	543	1.5
	Interpreting, Integrating and Evaluating	553	2.8	554	1.5
Overall rating		546	2.8	553	1.6



**Table 27: Student performance in mathematics (2012)**

(a) Average scores across Canada

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	536	3.4	529	543
	British Columbia	522	4.4	513	531
	Canada	518	1.8	515	522
	Alberta	517	4.6	508	526
	Ontario	514	4.1	506	522
	Saskatchewan	506	3.0	500	512
No significant difference from NL	New Brunswick	502	2.6	497	507
	Nova Scotia	497	4.1	489	505
	Manitoba	492	2.9	486	498
	Newfoundland and Labrador	490	3.7	483	497
	Prince Edward Island	479	2.5	474	484





(b) Gender differences in average scores

Jurisdiction	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	523	2.1	513	2.1	-10*	2.0
Newfoundland and Labrador	491	5.2	490	3.9	-1	5.6
Prince Edward Island	481	3.6	478	3.3	-3	4.9
Nova Scotia	503	3.9	492	6.1	-11	6.1
New Brunswick	504	3.9	500	3.8	-4	5.7
Québec	541	4.3	531	3.8	-10*	4.3
Ontario	520	4.9	509	4.0	-11*	3.7
Manitoba	495	3.6	489	4.5	-6	5.7
Saskatchewan	510	3.9	502	3.6	-8	4.5
Alberta	522	5.0	512	5.1	-10*	4.0
British Columbia	529	4.8	515	5.9	-14*	6.1

\* Significant gender difference present



**Table 28: Student performance on the mathematics sub-domains (2012)**

(a) Content subscales

(i) *Change and Relationships*

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	535	3.7	528	543
	British Columbia	530	4.8	521	540
	Alberta	526	4.9	517	536
	Canada	525	2.0	521	529
	Ontario	525	4.2	517	533
	Saskatchewan	516	3.3	509	522
No significant difference from NL	New Brunswick	505	3.0	499	511
	Newfoundland and Labrador	500	3.9	492	507
	Nova Scotia	499	5.8	487	510
	Manitoba	498	3.2	492	504
	Prince Edward Island	490	2.7	485	495





(ii) Quantity

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	534	3.5	527	541
	British Columbia	523	5.3	513	534
	Canada	515	2.2	511	520
	Alberta	512	5.3	502	523
	Ontario	511	4.9	501	521
	New Brunswick	504	2.9	499	510
	Saskatchewan	501	3.5	494	507
No significant difference from NL	Manitoba	488	3.5	481	495
	Nova Scotia	494	4.1	486	502
	Newfoundland and Labrador	485	4.0	477	493
	Prince Edward Island	475	2.9	469	480



*(iii) Space and shape*

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	535	4.0	527	543
	British Columbia	512	5.0	502	521
	Canada	510	2.1	506	514
	Alberta	509	4.9	500	519
	Ontario	505	4.4	496	513
	Saskatchewan	497	3.8	490	505
	New Brunswick	493	2.7	488	499
No significant difference from NL	Manitoba	484	3.2	478	490
	Nova Scotia	482	2.7	477	488
	Newfoundland and Labrador	477	3.7	470	484
Significantly lower than NL	Prince Edward Island	460	2.6	455	465





(iv) Uncertainty and Data

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	534	3.5	527	540
	British Columbia	521	4.1	513	529
	Alberta	517	4.8	508	527
	Canada	516	1.8	513	520
	Ontario	511	4.1	503	519
	Saskatchewan	507	2.9	502	513
No significant difference from NL	Nova Scotia	503	5.5	492	514
	New Brunswick	498	2.8	492	503
	Manitoba	495	2.9	489	501
	Newfoundland and Labrador	491	5.0	482	501
	Prince Edward Island	488	2.7	482	493





(c) Average scores on the process subscales

(i) *Employing*

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	536	3.4	529	543
	British Columbia	522	4.5	513	531
	Canada	517	1.9	513	521
	Alberta	515	4.6	506	524
	Ontario	512	4.3	504	520
	Saskatchewan	506	3.2	500	512
No significant difference from NL	New Brunswick	500	2.8	495	505
	Nova Scotia	493	3.1	487	499
	Newfoundland and Labrador	490	3.8	483	497
	Manitoba	489	3.2	483	495
	Prince Edward Island	479	2.5	474	484





*(ii) Formulating*

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	539	3.9	531	547
	British Columbia	517	5.2	507	527
	Canada	516	2.2	512	520
	Alberta	514	5.6	503	525
	Ontario	512	4.7	503	521
	New Brunswick	504	2.9	498	510
	Saskatchewan	502	3.3	496	508
No significant difference from NL	Nova Scotia	494	6.4	481	507
	Manitoba	487	3.3	481	493
	Newfoundland and Labrador	482	4.6	473	491
	Prince Edward Island	476	2.8	471	481



(iii) Interpreting

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	Quebec	536	3.4	529	543
	British Columbia	528	4.1	520	536
	Alberta	523	5.2	513	533
	Canada	521	2.0	517	525
	Ontario	517	4.4	508	526
No significant difference from NL	Saskatchewan	508	3.1	502	514
	Nova Scotia	507	3.8	500	514
	New Brunswick	502	2.8	497	507
	Manitoba	502	3.0	496	508
	Newfoundland and Labrador	499	3.8	492	506
	Prince Edward Island	487	2.9	481	493



**Table 29: Gender differences in average scores (2012)**

(a) Content subscales

(i) *Change and Relationships*

	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	532	2.2	518	2.2	-14*	2.0
Newfoundland and Labrador	500	5.2	499	4.4	-1	5.6
Prince Edward Island	493	3.7	486	3.4	-7	4.9
Nova Scotia	507	5.2	490	7.7	-17*	6.2
New Brunswick	507	4.5	503	3.6	-4	5.6
Québec	545	4.4	527	4.3	-18*	4.5
Ontario	531	4.9	519	4.2	-12*	3.7
Manitoba	503	4.1	493	5.0	-10	6.4
Saskatchewan	521	4.0	510	3.6	-11*	5.1
Alberta	533	5.5	520	5.2	-13*	4.3
British Columbia	539	5.0	521	6.6	-18*	6.6

\* Significant gender difference present



(ii) Quantity

	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	520	2.5	511	2.4	-9*	2.3
Newfoundland and Labrador	488	5.9	482	4.0	-6	6.2
Prince Edward Island	476	4.0	473	3.8	-3	5.1
Nova Scotia	502	4.7	487	5.8	-15*	6.6
New Brunswick	507	4.3	502	3.9	-5	6.0
Québec	537	4.5	531	3.8	-6	4.5
Ontario	516	5.6	506	5.0	-10	4.2
Manitoba	492	4.3	484	5.1	-8	6.3
Saskatchewan	505	4.5	496	4.1	-9*	5.2
Alberta	519	5.7	505	5.7	-14*	4.5
British Columbia	531	5.9	515	6.6	-16*	6.6

\* Significant gender difference present





*(iii) Shape and Space*

	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	515	2.4	505	2.3	-10*	2.2
Newfoundland and Labrador	477	5.0	477	3.7	0	4.9
Prince Edward Island	463	3.6	457	3.4	-6	4.6
Nova Scotia	490	4.1	475	4.0	-15*	6.0
New Brunswick	494	4.3	493	3.3	-1	5.6
Québec	541	4.9	529	4.4	-12*	4.7
Ontario	509	5.3	500	4.5	-9*	4.4
Manitoba	489	3.7	478	4.8	-11*	5.8
Saskatchewan	499	4.8	496	4.3	-3	5.2
Alberta	513	5.0	505	5.6	-8*	4.0
British Columbia	518	5.3	505	6.6	-13*	6.4

\* Significant gender difference present



(iv) Uncertainty and data

	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	521	2.2	512	2.0	-9*	2.1
Newfoundland and Labrador	489	7.3	494	4.4	5	6.8
Prince Edward Island	488	3.9	488	3.4	0	4.8
Nova Scotia	506	4.9	500	7.3	-6	5.8
New Brunswick	495	4.2	501	3.4	6	5.3
Québec	537	4.4	531	3.7	-6	4.1
Ontario	517	4.9	506	4.2	-11*	3.9
Manitoba	498	3.7	493	4.5	-5	5.7
Saskatchewan	510	4.0	505	3.3	-5	4.6
Alberta	523	5.5	511	4.9	-12*	4.4
British Columbia	527	4.9	516	5.0	-11	5.7

\* Significant gender difference present





(b) The process subscales

(i) *Employing*

	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	521	2.1	512	2.2	-9*	2.2
Newfoundland and Labrador	490	5.4	490	4.2	0	5.8
Prince Edward Island	481	3.6	478	3.4	-3	4.9
Nova Scotia	497	3.9	489	5.2	-8	6.7
New Brunswick	500	4.1	500	3.6	0	5.4
Québec	540	4.2	531	3.9	-9*	4.3
Ontario	518	4.8	507	4.4	-11*	3.7
Manitoba	493	4.2	485	4.5	-8	5.9
Saskatchewan	508	4.2	502	3.6	-6	4.6
Alberta	519	4.7	510	5.2	-9*	3.7
British Columbia	527	4.7	517	6.0	-10	5.9

\* Significant gender difference present

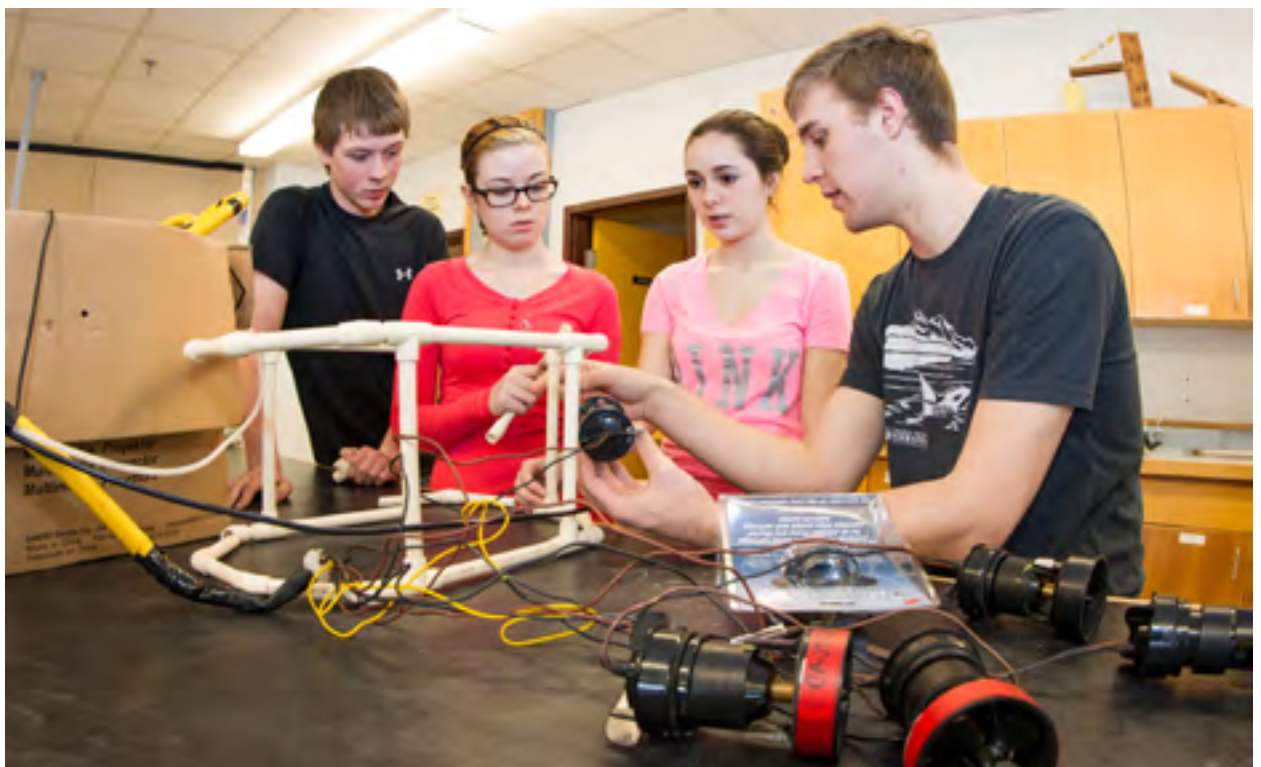




(ii) Formulating

	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	522	2.6	510	2.4	-12*	2.4
Newfoundland and Labrador	485	5.8	479	5.1	-6	6.1
Prince Edward Island	480	3.9	472	3.8	-8	5.3
Nova Scotia	502	5.4	486	8.8	-16*	7.1
New Brunswick	505	4.7	502	3.9	-3	6.4
Québec	544	5.0	533	4.3	-11*	4.9
Ontario	518	5.6	506	4.6	-12*	4.1
Manitoba	492	4.3	482	4.8	-10	6.3
Saskatchewan	508	4.8	495	3.8	-13*	5.9
Alberta	522	6.1	505	6.0	-17*	4.6
British Columbia	526	5.7	508	7.0	-18*	7.2

\* Significant gender difference present





*(iii) Interpreting*

	Male		Female		Gender difference	
	Average score (%)	Standard error	Average score (%)	Standard error	Score difference	Standard error
Canada	526	2.3	517	2.3	-9*	2.2
Newfoundland and Labrador	501	5.3	496	4.3	-5	5.9
Prince Edward Island	491	4.0	483	3.6	-8	5.0
Nova Scotia	513	4.6	501	5.1	-12*	6.0
New Brunswick	504	4.2	499	3.8	-5	5.8
Québec	542	4.3	529	4.0	-13*	4.6
Ontario	520	5.1	513	4.5	-7	3.8
Manitoba	504	3.8	499	4.7	-5	6.0
Saskatchewan	511	4.2	505	4.0	-6	5.3
Alberta	529	6.5	517	4.9	-12*	5.0
British Columbia	533	4.9	523	5.4	-10	6.0

\* Significant gender difference present



**Table 30: Proficiency in mathematics (2012)**

(a) Percentage of students at each proficiency level

Jurisdiction	Low Achievers (Below Level 2)	Typical Achievers (Levels 2 - 4)	High Achievers (Levels 5 - 6)
Canada	13.8	69.8	16.4
Newfoundland and Labrador	21.3	69.3	9.4
Prince Edward Island	24.7	68.9	6.4
Nova Scotia	17.8	73.3	9.0
New Brunswick	16.2	73.6	10.1
Québec	11.2	66.5	22.4
Ontario	13.4	71.2	15.0
Manitoba	21.2	68.5	10.2
Saskatchewan	15.4	72.5	12.1
Alberta	15.2	67.9	17.0
British Columbia	12.2	71.2	16.5





(b) Gender differences in proficiency levels

	Low Achievers (Below Level 2)			Typical Achievers (Levels 2 - 4)			High Achievers (Levels 5 - 6)		
	Male	Female	Diff*	Male	Female	Diff*	Male	Female	Diff*
CAN	13.4	14.3	0.9	67.6	71.9	4.3	19.0	13.8	-5.2**
NL	22.4	20.2	-2.2	67.4	71.2	3.8	10.2	8.6	-1.6
PE	25.4	24.0	-1.4	66.5	71.2	4.7	8.1	4.8	-3.3**
NS	17.0	18.5	1.5	72.4	74.1	1.7	10.6	7.4	-3.2
NB	17.1	15.4	-1.7	72.1	75.3	3.2	10.8	9.3	-1.5
QC	10.5	11.8	1.3	64.2	68.7	4.5	25.3	19.5	-5.8**
ON	13.9	13.7	-0.2	67.9	74.3	6.4	18.2	12.0	-6.2**
MB	20.8	21.6	0.8	67.3	69.9	2.6	11.9	8.5	-3.4**
SK	14.7	16.0	1.3	72.0	73.0	1.0	13.3	11.0	-2.3
AB	13.8	16.6	2.8	66.9	69.1	2.2	19.3	14.3	-5.0**
BC	10.9	13.6	2.7	70.2	72.3	2.1	18.9	14.1	-4.8

\* Gender Difference

\*\* Significant difference present



**Table 31: Student performance in reading and science (2012)**

(a) Reading

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	British Columbia	535	7.4	520.5	549.5
No significant difference from NL	Ontario	528	7.4	513.5	542.5
	Alberta	525	7.2	510.9	539.1
	Canada	523	6.2	510.8	535.2
	Quebec	520	6.9	506.5	533.5
	Nova Scotia	508	6.7	494.9	521.1
	Saskatchewan	505	6.5	492.3	517.7
	Newfoundland and Labrador	503	7.0	489.3	516.7
	New Brunswick	497	6.5	484.3	509.7
	Manitoba	495	6.8	481.7	508.3
	Prince Edward Island	490	6.5	477.3	502.7





(b) Science

		Average score (%)	Standard error	95% Confidence Interval	
				Lower Limit	Upper limit
Significantly higher than NL	British Columbia	544	5.3	533.6	554.4
	Alberta	539	5.8	527.6	550.4
No significant difference from NL	Ontario	527	5.6	516.0	538.0
	Canada	525	4.0	517.2	532.8
	Nova Scotia	516	4.6	507.0	525.0
	Quebec	516	4.8	506.6	525.4
	Saskatchewan	516	4.6	507.0	525.0
	Newfoundland and Labrador	514	5.0	504.2	523.8
	New Brunswick	507	4.4	498.4	515.6
	Manitoba	503	4.8	493.6	512.4
Significantly lower than NL	Prince Edward Island	490	4.4	481.4	498.6



**Table 32: Gender differences in reading and science (2012)**

(a) Reading

Jurisdiction	Male		Female		Gender difference	
	Average score	Standard error	Average score	Standard error	Score difference	Standard error
Canada	506	2.3	541	2.1	35*	2.1
Newfoundland and Labrador	476	5.2	529	4.0	53*	5.5
Prince Edward Island	468	4.0	511	3.5	43*	5.3
Nova Scotia	489	4.4	529	4.4	40*	6.5
New Brunswick	473	4.2	521	3.7	49*	6.0
Québec	502	4.0	537	4.0	36*	4.1
Ontario	510	5.4	546	4.2	36*	3.9
Manitoba	475	4.2	517	4.6	41*	5.9
Saskatchewan	487	3.9	525	3.4	37*	4.6
Alberta	511	4.6	541	4.3	29*	3.7
British Columbia	522	5.1	548	5.5	26*	6.1

\* Significant gender difference present





(b) Science

Jurisdiction	Male		Female		Gender difference	
	Average score	Standard error	Average score	Standard error	Score difference	Standard error
Canada	527	2.4	524	2.0	-3	2.1
Newfoundland and Labrador	510	5.0	518	4.0	9	5.5
Prince Edward Island	487	3.8	494	3.6	7	5.2
Nova Scotia	518	4.8	515	4.3	-3	6.7
New Brunswick	504	4.0	510	4.1	6	6.2
Québec	516	3.9	515	3.5	-2	3.7
Ontario	528	5.4	525	4.0	-3	4.1
Manitoba	503	4.2	502	4.6	-1	5.9
Saskatchewan	516	4.0	517	3.5	2	4.8
Alberta	542	4.9	537	5.1	-5	3.6
British Columbia	548	4.7	541	5.4	-7	6.3

\* Significant gender difference present





**Table 33: Trends in average scores (2003 - 2012)**

(a) Mathematics

Jurisdiction	2003		2006		2008		2012	
	Avg. Score	Std. Error	Avg. Score	Std. Error	Avg. Score	Std. Error	Avg. Score	Std. Error
Canada	532	1.8	527	2.4	527	2.6	518*	2.7
Newfoundland and Labrador	517	2.5	507*	2.8	503*	3.5	490*	4.2
Prince Edward Island	500	2.0	501	2.7	487*	3.0	479*	3.2
Nova Scotia	515	2.2	506*	2.6	512	3.0	497*	4.5
New Brunswick	511	1.4	506	2.5	504*	3.0	502*	3.2
Québec	536	4.5	540	4.4	543	4.0	536	3.9
Ontario	530	3.6	526	3.9	526	3.8	514*	4.5
Manitoba	528	3.1	521	3.5	501*	4.1	492*	3.5
Saskatchewan	516	3.9	507	3.6	506	3.8	506	3.6
Alberta	549	4.3	530*	4.0	529*	4.8	517*	5.0
British Columbia	538	2.4	523*	4.6	523*	5.0	522*	4.8

\* Significantly different than 2003





(b) Reading

Jurisdiction	2003		2006		2009		2012	
	Avg. Score	Std. Error	Avg. Score	Std. Error	Avg. Score	Std. Error	Avg. Score	Std. Error
Canada	528	5.6	527	5.5	524	5.2	523	6.2
Newfoundland and Labrador	521	6.2	514	5.9	506	6.1	503	7.0
Prince Edward Island	495	5.8	497	5.7	486	5.5	490	6.5
Nova Scotia	513	5.8	505	6.1	516	5.6	508	6.7
New Brunswick	503	5.6	497	5.5	499	5.5	497	6.5
Québec	525	6.8	522	7.1	522	5.8	520	6.9
Ontario	530	6.4	534	6.8	531	5.8	528	7.4
Manitoba	520	6.3	516	6.1	495	6.1	495	6.8
Saskatchewan	512	6.8	507	6.5	504	6.0	505	6.5
Alberta	543	6.8	535	6.5	533	6.8	525	7.2
British Columbia	535	5.9	528	7.5	525	6.5	535	7.4



(c) Science

Jurisdiction	2006		2009		2012	
	Avg. Score	Std. Error	Avg. Score	Std. Error	Avg. Score	Std. Error
Canada	534	2.0	529	3.0	525*	4.0
Newfoundland and Labrador	526	2.5	518	4.0	514*	5.0
Prince Edward Island	509	2.7	495*	3.5	490*	4.4
Nova Scotia	520	2.5	523	3.7	516	4.6
New Brunswick	506	2.3	501	3.5	507*	4.4
Québec	531	4.2	524	4.1	516	4.8
Ontario	537	4.2	531	4.2	527	5.6
Manitoba	523	3.2	506*	4.7	503*	4.8
Saskatchewan	517	3.6	513	4.5	516	4.6
Alberta	550	3.8	545	5.0	539	5.8
British Columbia	539	4.7	535	4.8	544	5.3

\* Significantly different than 2006

**Table 34: Student performance in Canada and Newfoundland and Labrador (2012)**

Subject area	Jurisdiction	Average Score	Standard Error	95% Confidence Interval	
				Lower limit	Upper limit
Mathematics	Canada	518	1.8	514.5	521.5
	Newfoundland and Labrador	490	3.7	482.7	497.3
Reading	Canada	523	6.2	510.8	535.2
	Newfoundland and Labrador	503	7.0	489.3	516.7
Science	Canada	525	4.0	517.2	532.8
	Newfoundland and Labrador	514	5.0	504.2	523.8

## Chapter 11: School Climate Survey

**Table 35: School climate survey participation rate**

(a) By grade (2012/13)

Grade	Number of students per grade	Percentage who completed the survey
Grade 2	4,836	90.6
Grade 5	5,006	90.0
Grade 7	5,236	82.1
Grade 8	5,323	80.3
Grade 9	5,346	78.3
Grade 10	5,605	73.2
Grade 11	5,561	71.4
Grade 12	5,518	67.7
Overall	42,431	78.8

(b) By grade and gender (2012/13)

Grade	Number of students per grade		Percentage who completed the survey	
	Male	Female	Male	Female
Grade 2	2,465	2,371	90.2	90.9
Grade 5	2,500	2,506	88.7	91.2
Grade 7	2,754	2,482	80.8	83.4
Grade 8	2,655	2,668	79.0	81.5
Grade 9	2,735	2,611	75.9	80.8
Grade 10	2,902	2,703	71.9	74.7
Grade 11	2,866	2,695	69.9	73.1
Grade 12	2,794	2,724	65.7	69.7
Overall	21,671	20,760	77.4	80.4



**Table 36: Percentage who feel safe at school**

(a) By grade and gender (2012/13)

Grade level	Male	Female	Total
Grade 2	82.4	85.3	84.0
Grade 5	84.4	88.1	86.3
Grade 7	83.7	85.4	84.4
Grade 8	80.1	82.8	81.5
Grade 9	80.6	82.5	81.5
Grade 10	82.4	85.6	83.9
Grade 11	84.8	86.0	85.3
Grade 12	86.4	87.8	87.0

(b) Change in the percentage who feel safe (2011/12 - 2012/13)

Grade level	2011/12	2012/13
Grade 2	75.9	84.0
Grade 5	83.5	86.3
Grade 7	76.2	84.4
Grade 8	74.1	81.5
Grade 9	74.7	81.5
Grade 10	76.0	83.9
Grade 11	78.0	85.3
Grade 12	79.0	87.0

**Table 37: Percentage who experienced some form of bullying during the month before the survey**

(a) By grade and gender (2012/13)

Grade level	Male	Female	Total
Grade 2	31.9	33.6	32.9
Grade 5	10.7	10.2	10.4
Grade 7	33.2	39.3	36.1
Grade 8	35.3	39.2	37.3
Grade 9	31.7	39.8	35.8
Grade 10	28.2	31.5	29.8
Grade 11	26.7	30.2	28.4
Grade 12	25.5	28.2	26.9

(b) Change in the percentage who experienced some form of bullying (2011/12 - 2012/13)

Grade level	2011/12	2012/13
Grade 2	33.3	32.9
Grade 5	29.7	10.4
Grade 7	28.8	36.1
Grade 8	27.3	37.3
Grade 9	24.9	35.8
Grade 10	21.2	29.8
Grade 11	20.5	28.4
Grade 12	18.1	26.9



**Table 38: Percentage who experienced cyber/electronic bullying during the month before the survey**

(a) By grade and gender (2012/13)

Grade level	Male	Female	Total
Grade 7	10.7	21.4	15.9
Grade 8	12.5	21.3	17.0
Grade 9	13.7	21.5	17.6
Grade 10	12.9	19.2	16.0
Grade 11	14.1	18.1	16.1
Grade 12	14.6	16.9	15.8

(b) Change in the percentage who experienced cyber/electronic bullying (2011/12 - 2012/13)

Grade level	2011/12	2012/13
Grade 7	13.7	15.9
Grade 8	13.3	17.0
Grade 9	13.5	17.6
Grade 10	11.7	16.0
Grade 11	12.8	16.1
Grade 12	11.2	15.8

**Table 39: Percentage who used drugs, consumed alcohol or smoked cigarettes in the month before the survey**

(a) By grade and gender (2012/13)

Grade level	Male	Female	Total
Grade 7	3.2	2.4	2.8
Grade 8	7.6	6.6	7.1
Grade 9	14.8	13.1	14.0
Grade 10	21.4	18.3	19.9
Grade 11	26.7	21.5	24.1
Grade 12	30.7	24.1	27.3

(b) Change in the percentage who consumed drugs/alcohol (2011/12 - 2012/13)

Grade level	2011/12	2012/13
Grade 7	5.3	2.8
Grade 8	10.7	7.1
Grade 9	15.7	14.0
Grade 10	19.7	19.9
Grade 11	23.2	24.1
Grade 12	26.4	27.3





**Table 40: Percentage of students who engaged in the following behaviours in the month before the survey (2012/13)**

Grade level	Used illicit drugs/ abused prescription medications	Consumed alcohol	Smoked cigarettes
Grade 7	1.8	4.9	2.7
Grade 8	4.2	12.8	7.0
Grade 9	8.7	24.9	13.4
Grade 10	11.8	38.4	17.6
Grade 11	13.7	48.1	21.0
Grade 12	14.3	57.3	23.5

**Table 41: Gender differences in drug and alcohol use**

- (a) Percentage who used Illicit drugs or abused prescription drugs in the month before the survey (2012/13)

Grade level	Male	Female
Grade 7	2.1	1.5
Grade 8	4.9	3.6
Grade 9	9.7	7.8
Grade 10	14.1	9.5
Grade 11	16.6	10.8
Grade 12	18.2	10.5

(b) Percentage who consumed alcohol in the month before the survey (2012/13)

Grade level	Male	Female
Grade 7	5.4	4.4
Grade 8	13.1	12.5
Grade 9	25.0	24.8
Grade 10	37.3	39.5
Grade 11	48.4	47.8
Grade 12	58.4	56.3

(c) Percentage who smoked cigarettes (2012/13)

Grade level	Male	Female
Grade 7	3.1	2.3
Grade 8	7.4	6.6
Grade 9	14.7	12.1
Grade 10	20.3	14.9
Grade 11	25.1	16.9
Grade 12	28.0	19.1