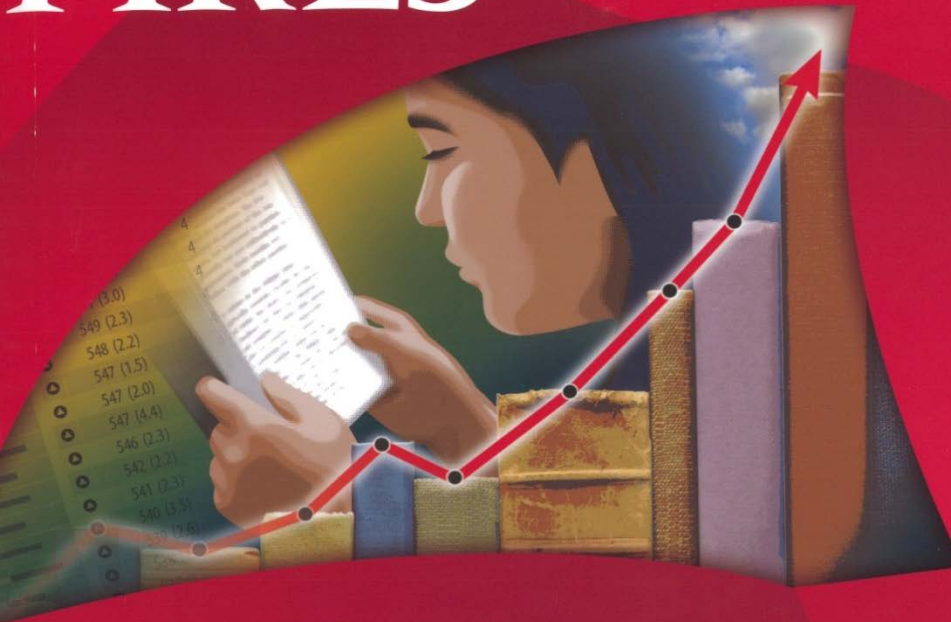




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PROGRESS IN INTERNATIONAL READING LITERACY STUDY

PIRLS



PIRLS 2011 International Results in Reading

Ina V.S. Mullis, Michael O. Martin, Pierre Foy, and Kathleen T. Drucker

PIRLS 2011

Canada in Context

Canadian Results from the
Progress in International Reading Literacy Study



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Conseil
du
Ministère
de l'Éducation,
de la
Jeunesse
et des
Sports
du
Québec

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Council of
Ministers
of Education,
Canada

Conseil des
ministres
de l'Éducation
(Canada)

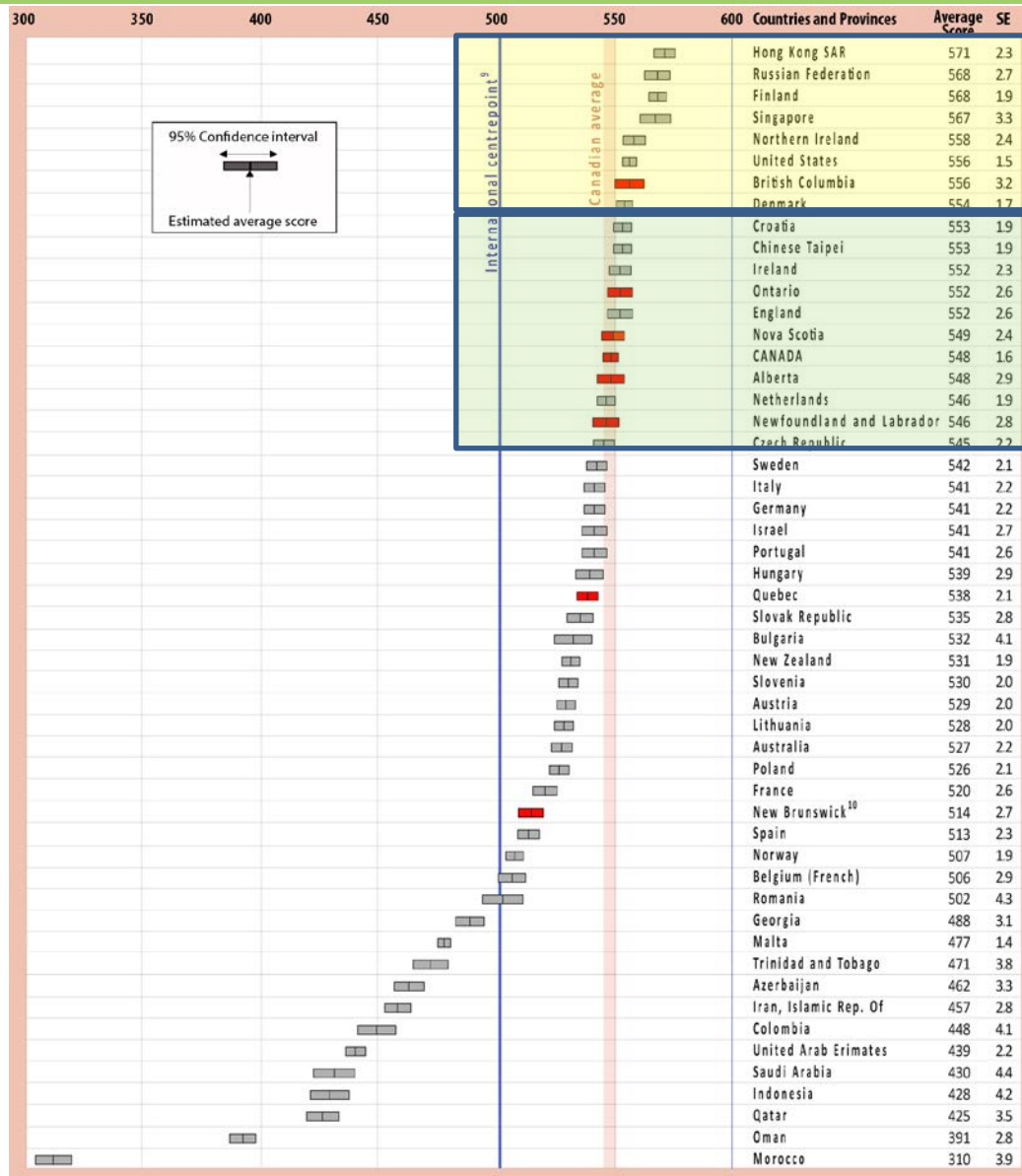
Progress in International Reading Literacy Study (PIRLS) 2011

Toronto, Ontario
December 11, 2012

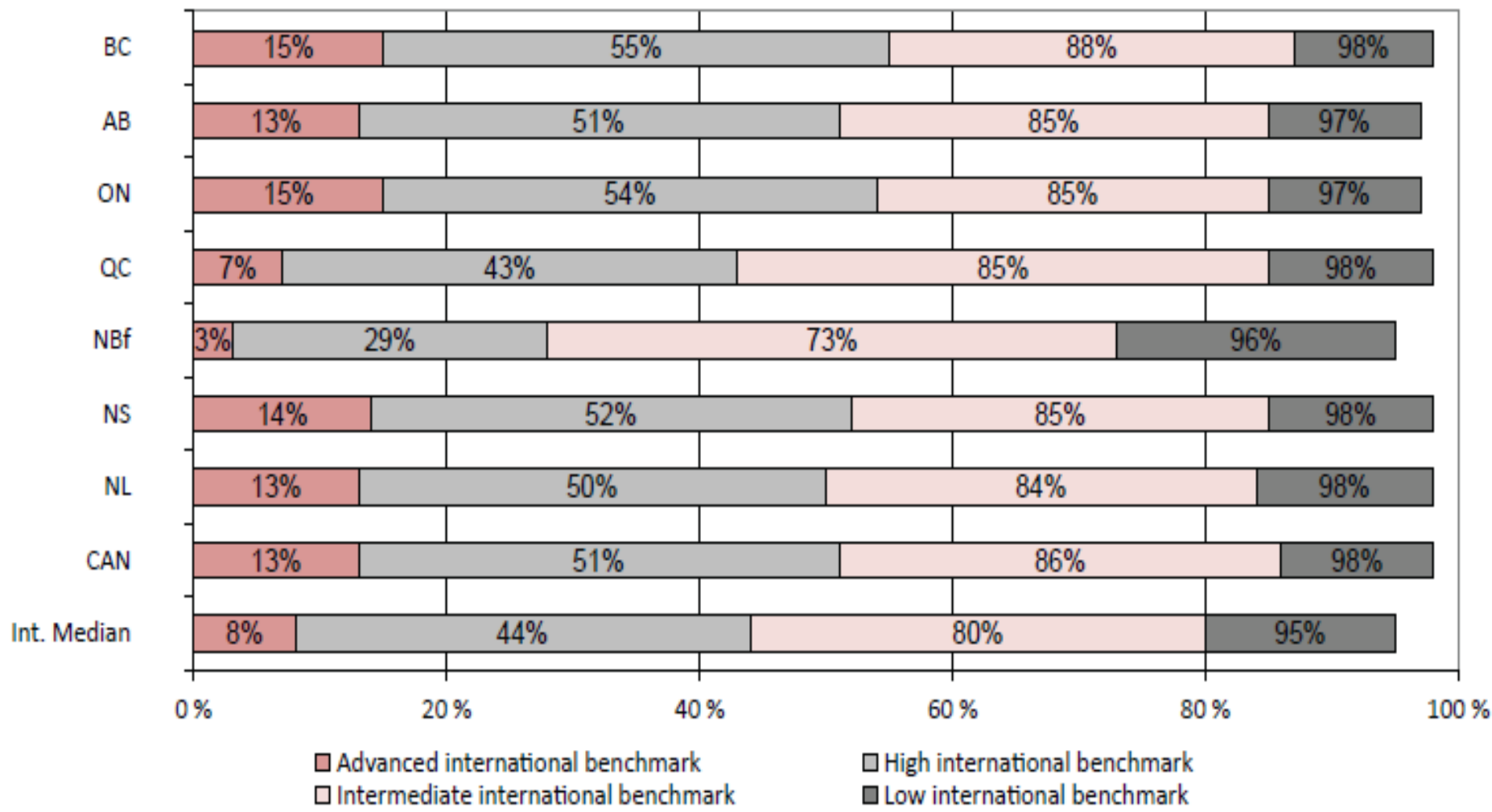


- Largest sample of all participating countries to allow provincial comparisons:
 - **approximately 23,000 students**
 - **1,000 schools**
 - **at least one intact class per selected school**
- Analyses:
 - **provinces compared to countries**
 - **results by language and by gender**
 - **contextual factors**

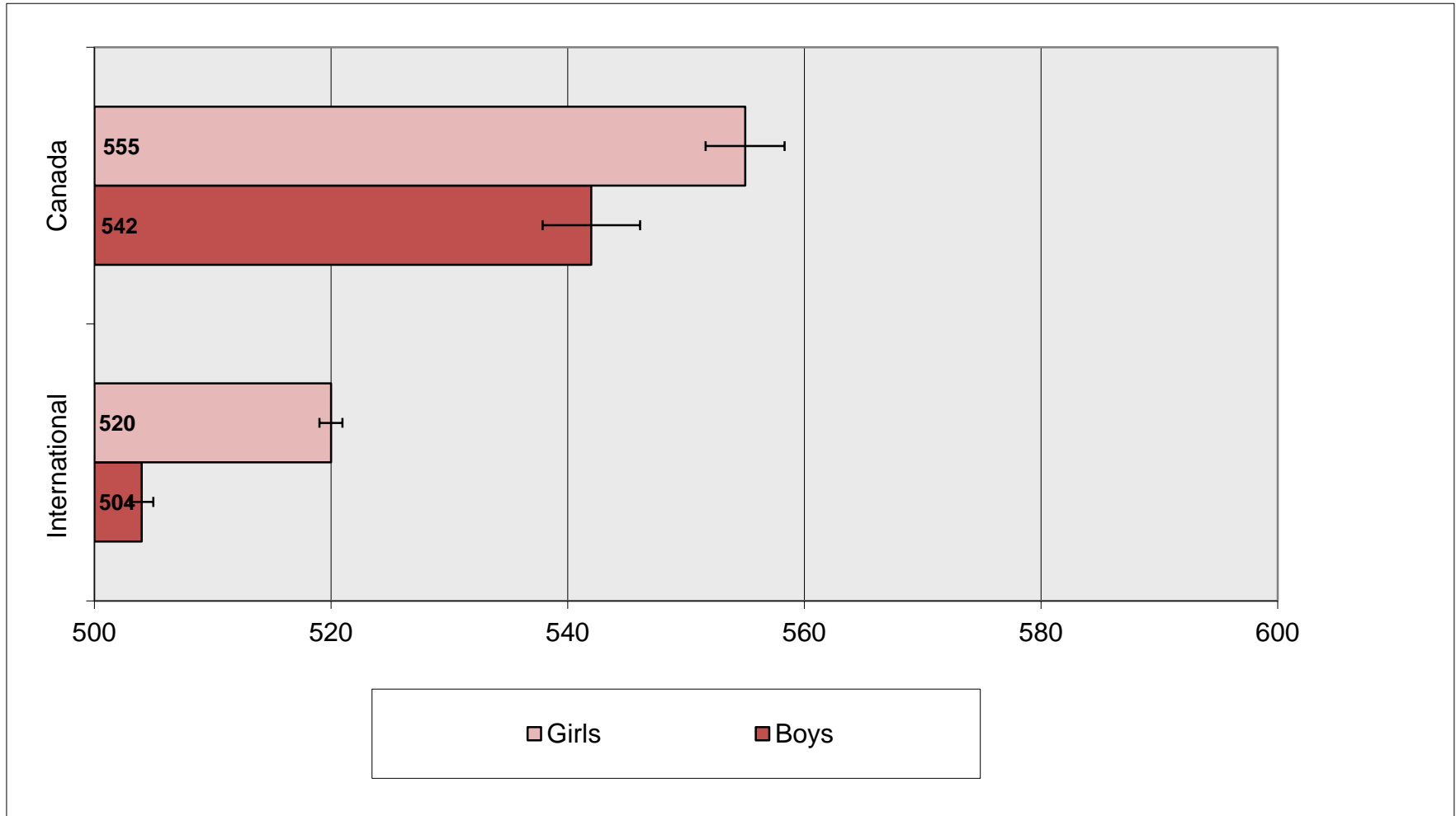
PIRLS 2011 – Main results



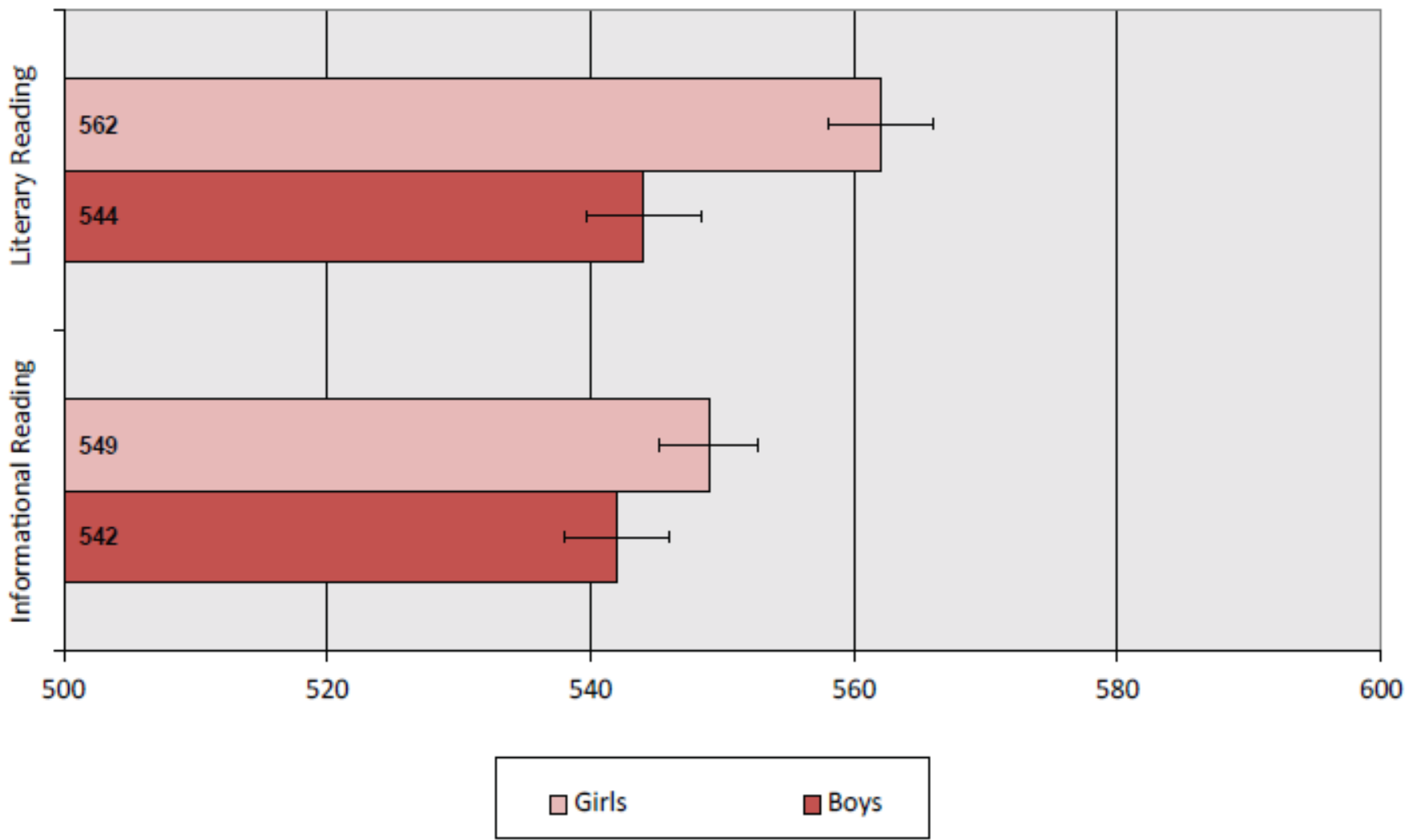
Reading results – international benchmarks



Average scores and differences in reading by gender



Canadian results by reading purpose and by gender

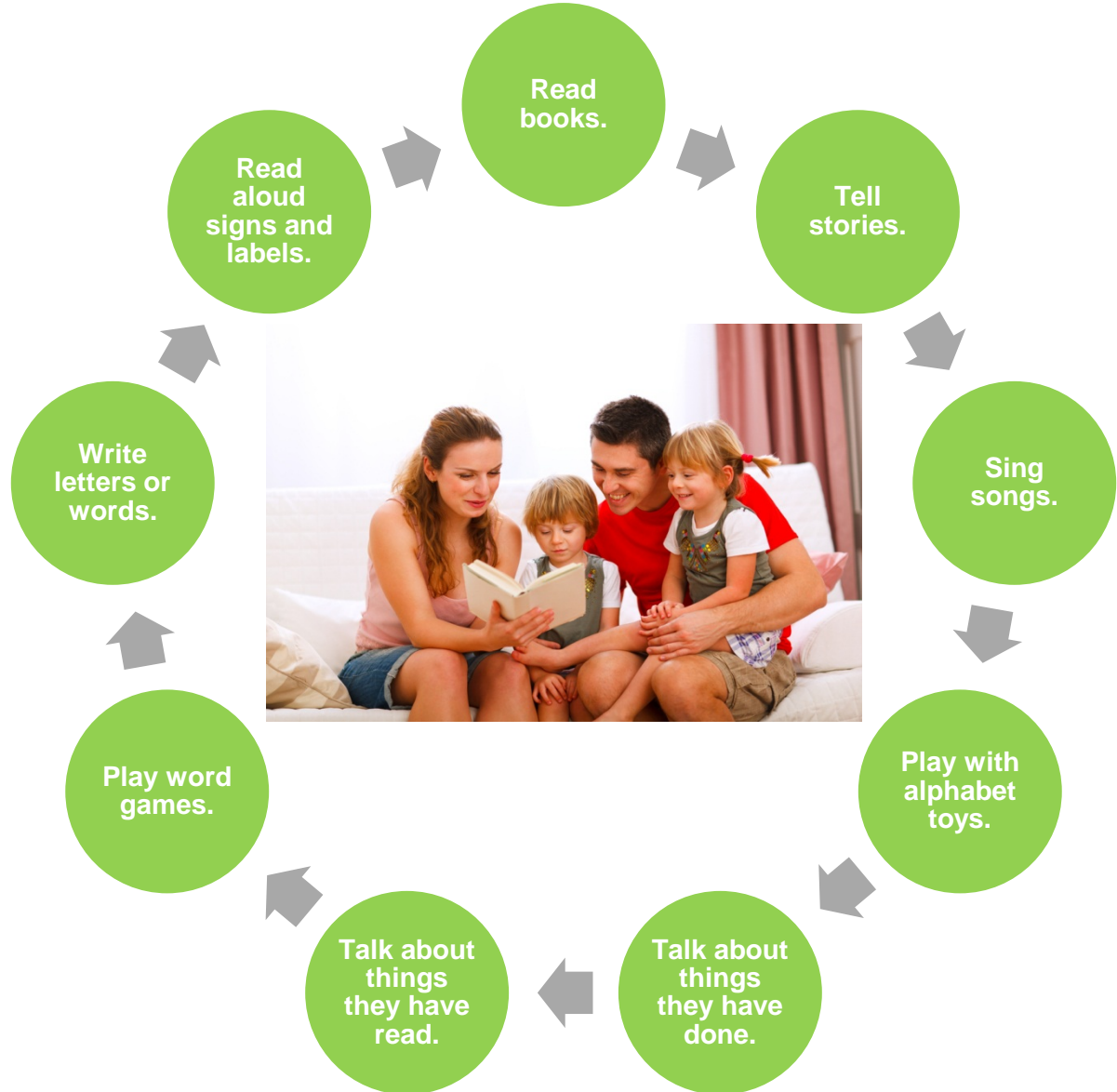


Canadian results by language



	English-language school system		French-language school system		Difference
	Average score	SE	Average score	SE	
BC	556	3.2	513	6.2	43
AB	548	2.8		–	
ON	554	2.7	506	3.5	48
QC	545	3.6	537	2.4	8
NBf			514	2.7	
NS	551	2.5	500	3.7	51
NL	547	2.8			
CAN	553	2.0	533	2.1	20

Developing literacy skills before starting school pays off...



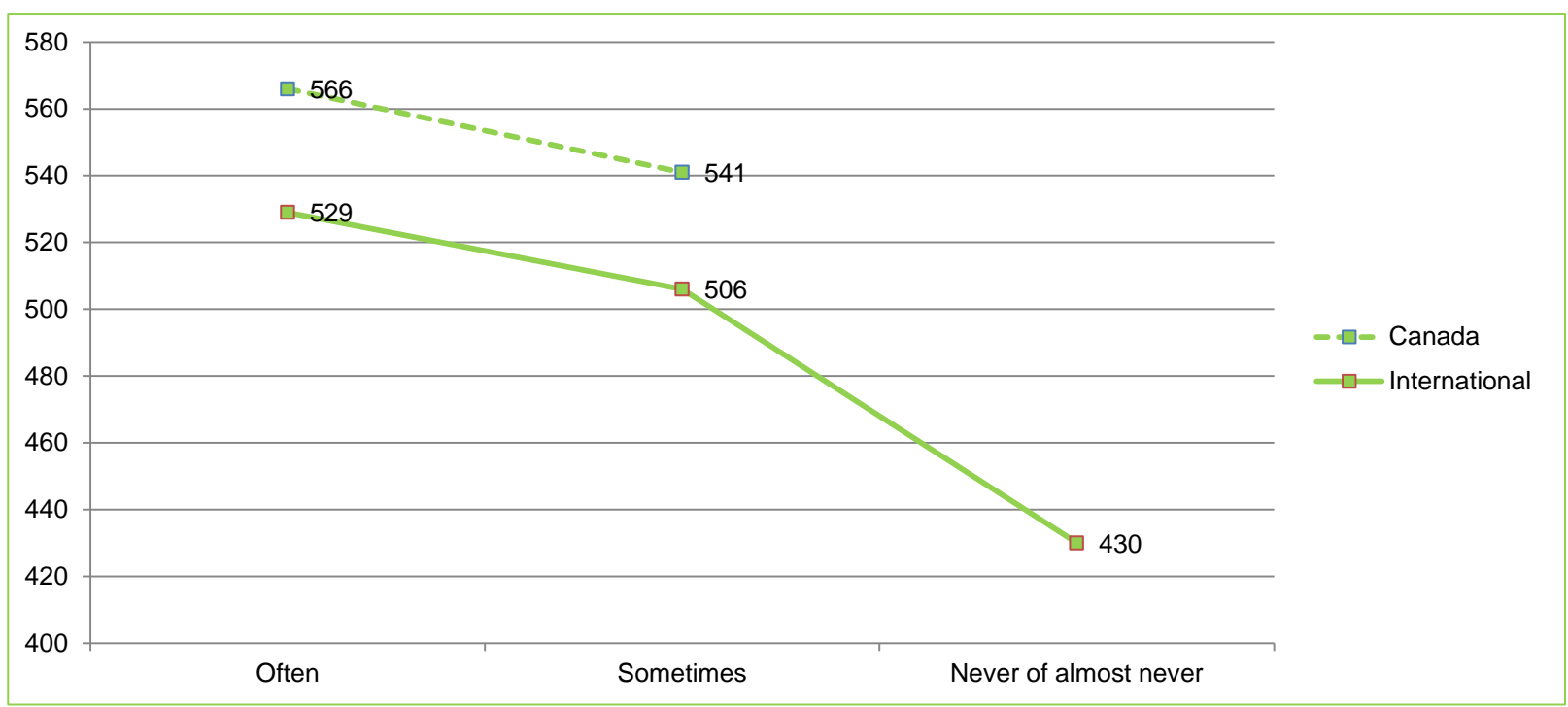
Developing literacy skills before starting school pays off...



and Canadian parents are very involved.

Early literacy activities before beginning primary school

		Often	Sometimes	Never or almost never
Average percentage of students	Canada	51	48	1
	International	37	60	3

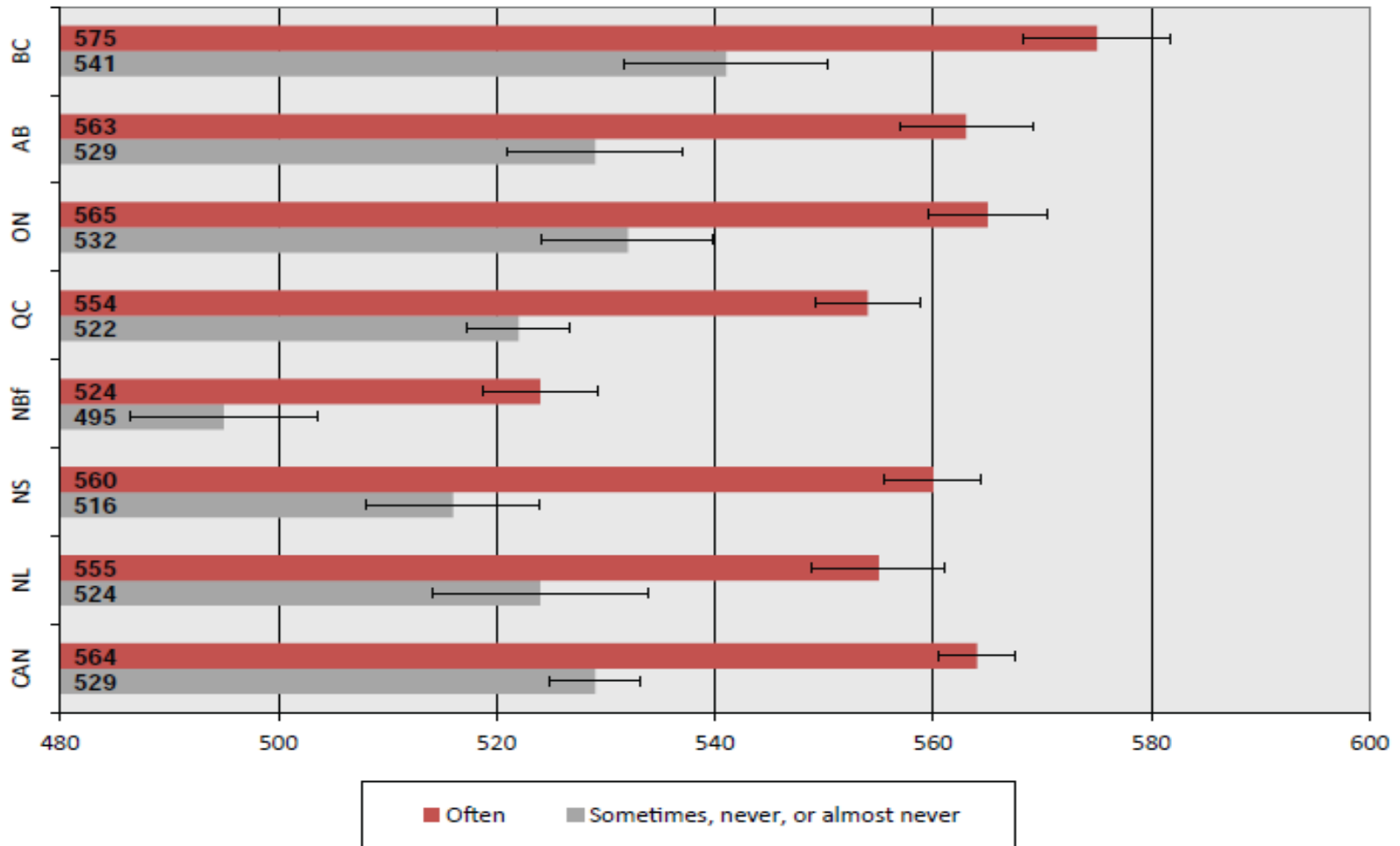


What happens when parents read to their children before they start school?



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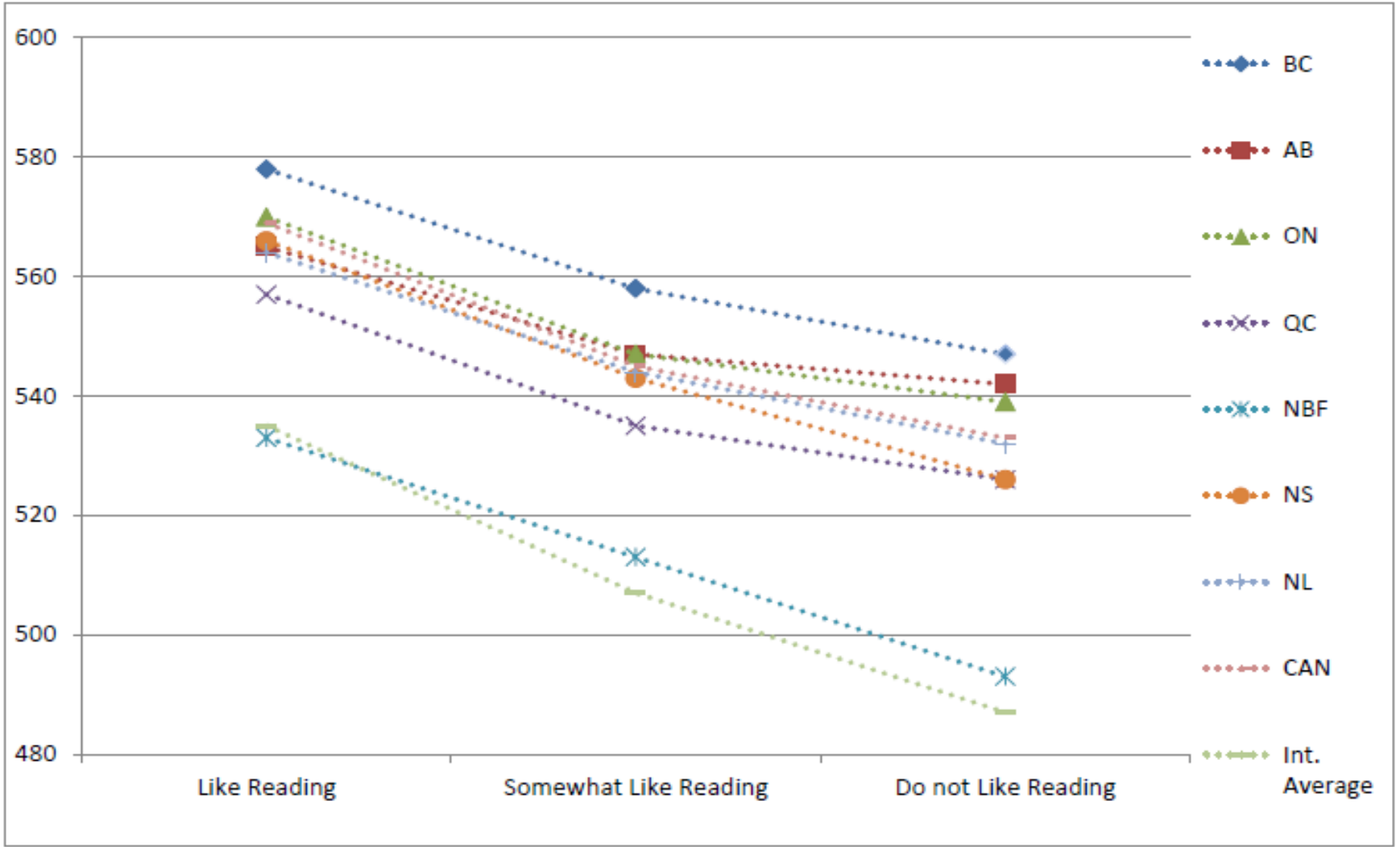
Reading achievement scores of students whose parents read to them before they started school



Does it matter if parents like to read?



Reading achievement scores by parental reading enjoyment level



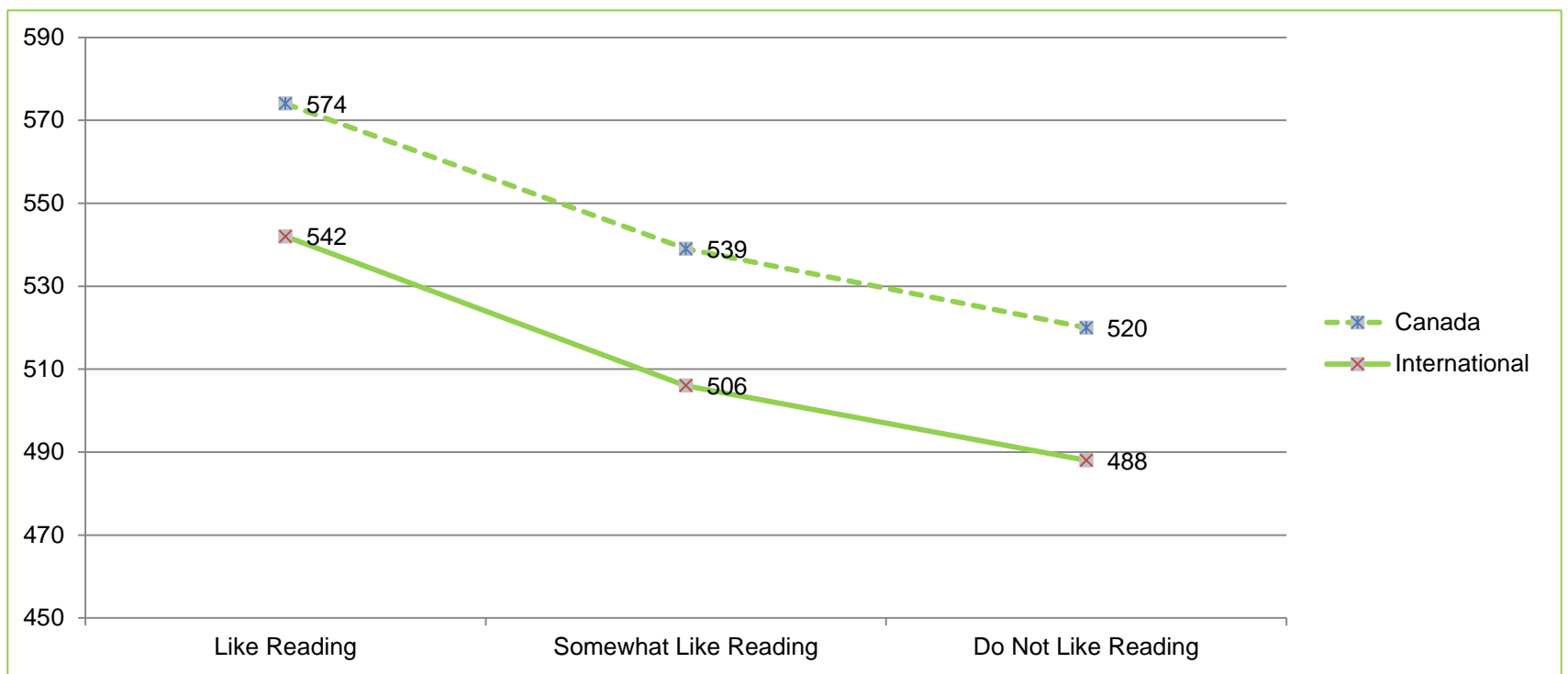
What about if students like to read?



Percentage of students who like to read, by gender

		Like reading	Somewhat like to read	Do not like reading
Average percentage of students	Girls	43%	49%	8%
	Boys	27%	54%	20%

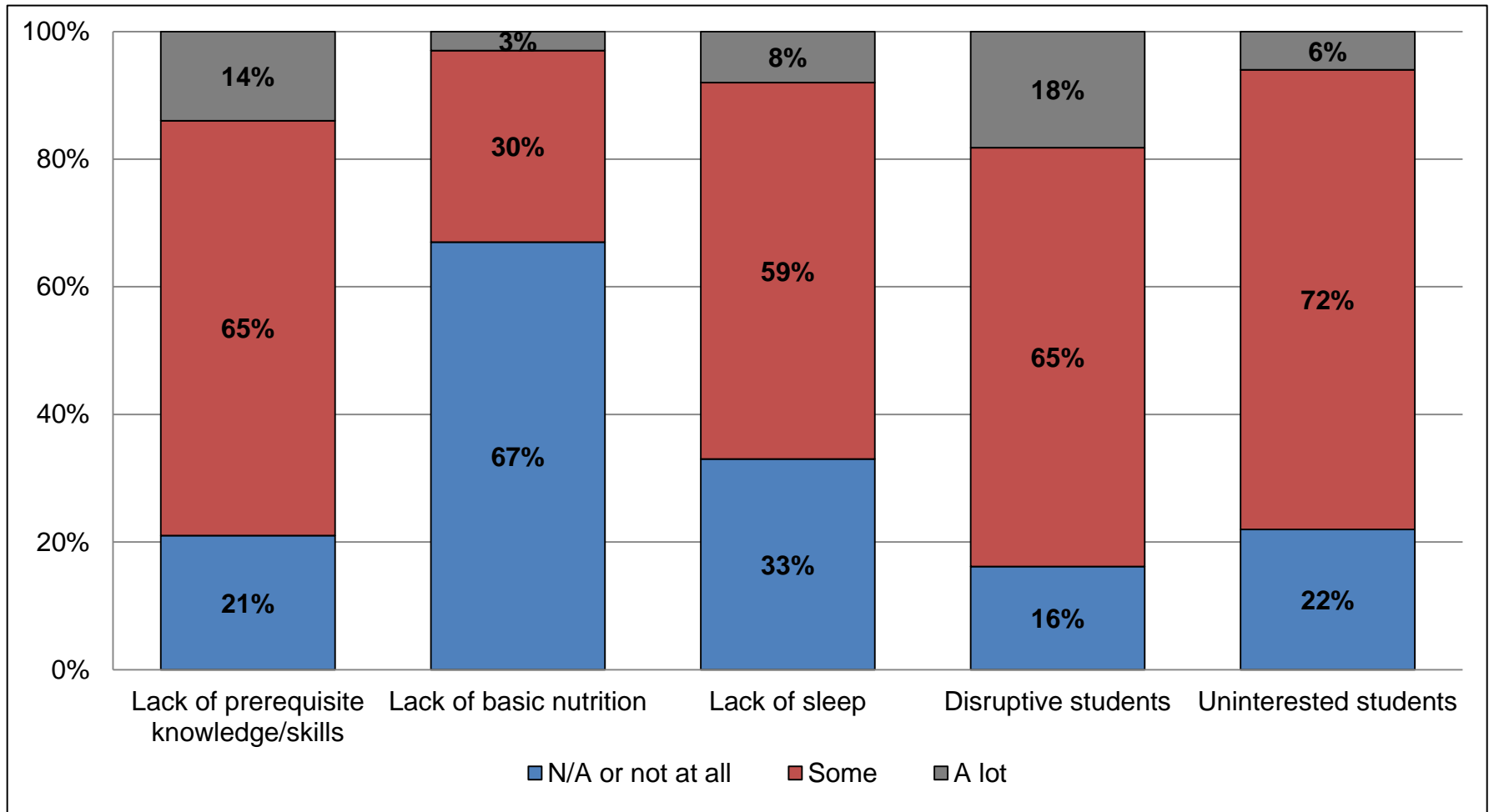
Reading achievement scores by student reading enjoyment level



Student-related factors limiting instruction

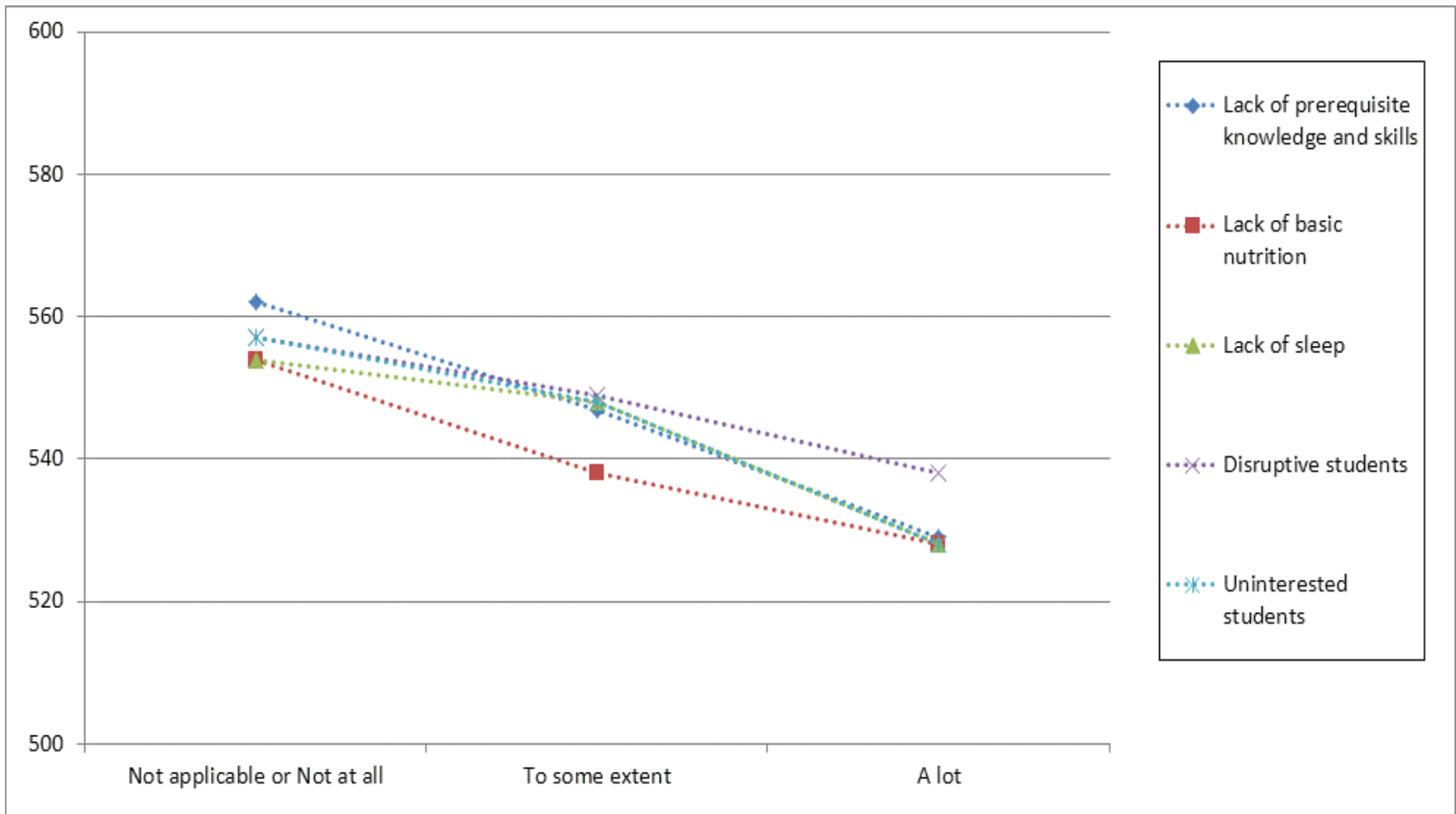


Proportion of students in classrooms where teachers felt that instruction was limited by a number of student-related factors



Student-related factors limiting instruction (continued)

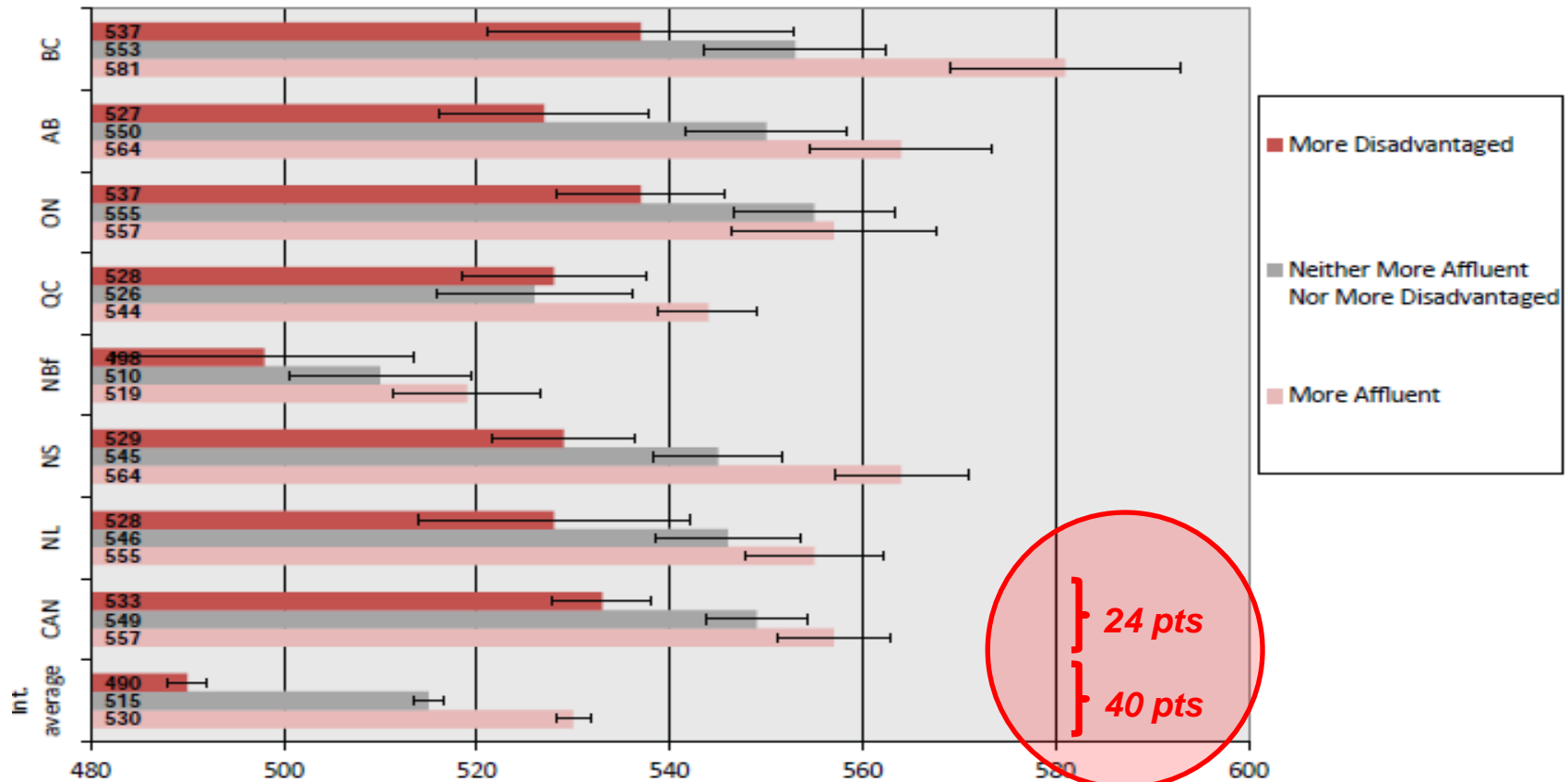
Reading achievement scores by impact of student-related factors



Students in more affluent schools do better...

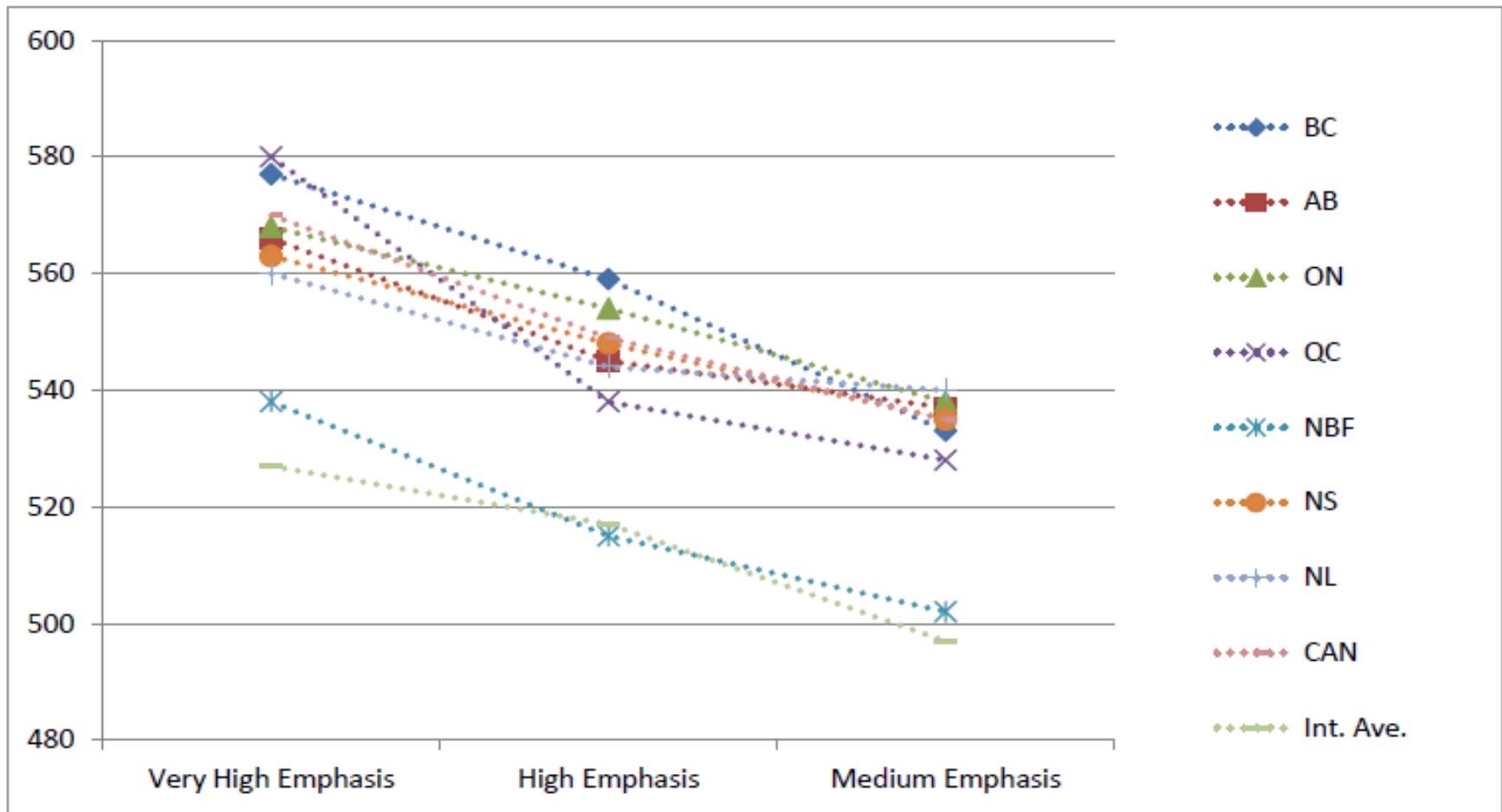
but socioeconomic background has less impact in Canada.

Reading achievement scores by impact of student-related factors



When the school promotes a culture of success ...

Reading achievement scores by School Emphasis on Academic Success scale



Canadian schools are safe...



Proportion of students by Safe and Orderly School scale

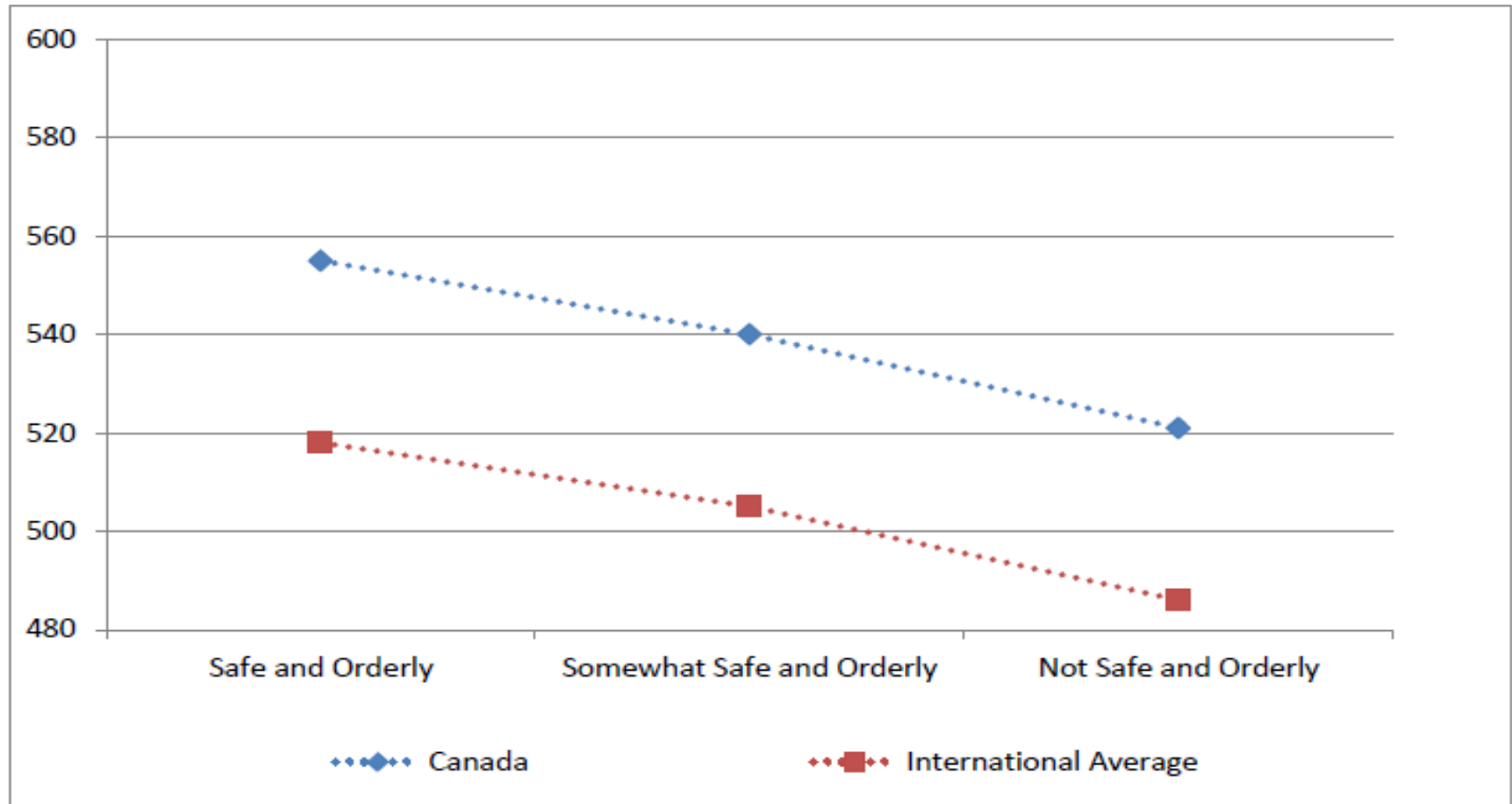
	Safe and orderly	Somewhat safe and orderly	Not safe and orderly
BC	75%	22%	2%
AB	72%	27%	1%
ON	60%	34%	6%
QC	45%	51%	5%
NBf	60%	39%	1%
NS	79%	21%	0%
NL	83%	17%	0%
CAN	62%	34%	4%
INT	55%	41%	4%

Canadian schools are safe...



and children in safe schools do better.

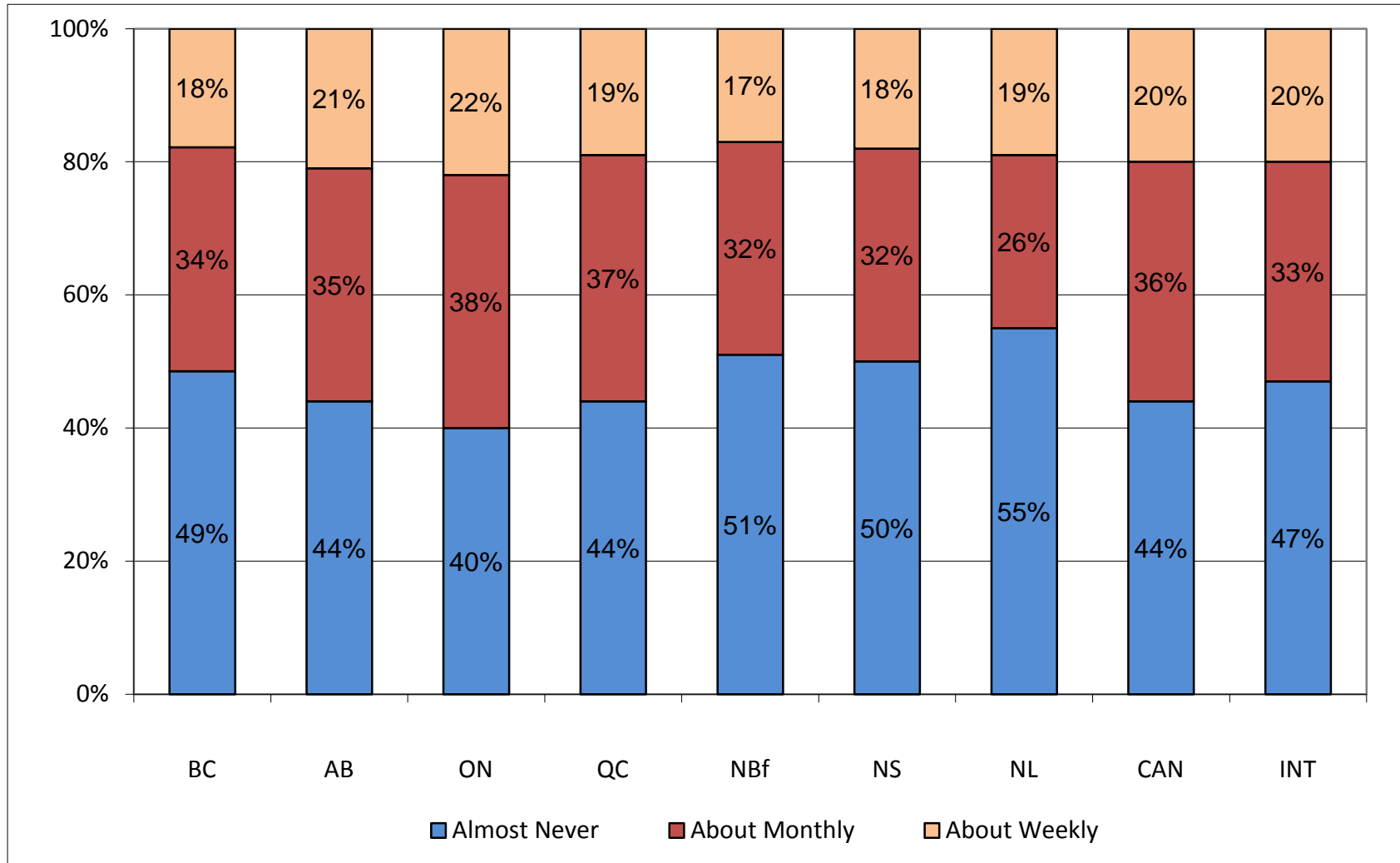
Reading achievement scores by Safe and Orderly School scale



Bullying in schools is a problem...



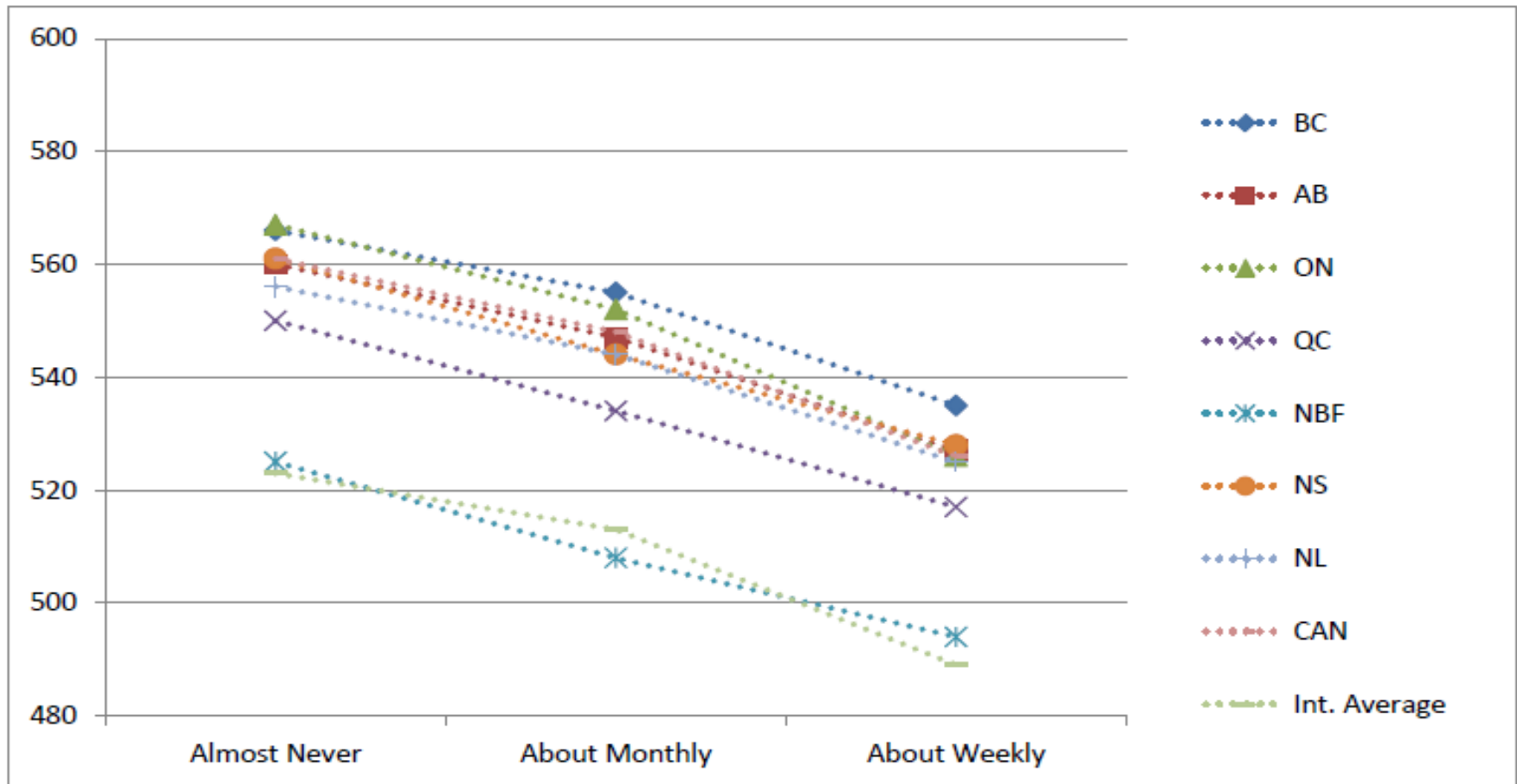
Proportion of students by Bullied at School scale



Bullying in schools is a problem...

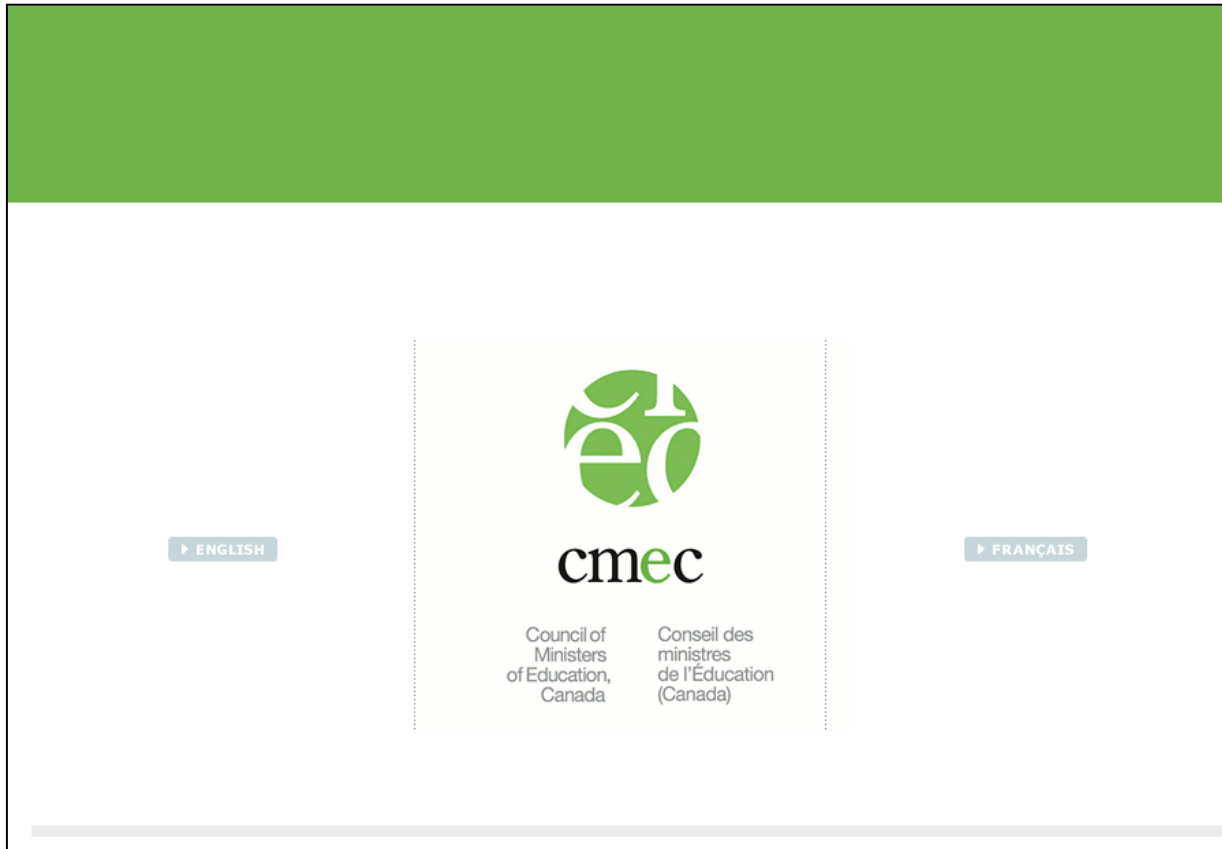
and it affects achievement.

Reading achievement scores by Bullied at School scale



- **Grade 4 students in Canada perform well in reading in a global context.**
- **There are differences in achievement by gender, by language, and by province.**
- **Canadian parents provide a positive environment for reading... and Canadian children like to read...but not all students come to school as ready to learn as they could be.**
- **The socioeconomic environment of the school has less impact on achievement in Canada than elsewhere.**
- **Canadian schools are safe ... but bullying must be addressed.**

For more information



www.cmec.ca