

# *Performance of Alberta Students on National and International Assessments*

Assessment	Group	Alberta Relative to Overall Results	Countries/Provinces With Results Significantly Higher Than Alberta's
Third International Mathematics and Science Study (TIMSS) 1995	Mathematics, Grade 4 Science, Grade 4 Mathematics, Grade 8 Science, Grade 8 Math Literacy, Grade 12 Science Literacy, Grade 12 Physics, Grade 12 Advanced Math, Grade 12	+ + + + = + = +	4 (Korea, Singapore, Japan, and Hong Kong) 1 (Korea) 6 (Singapore, Japan, Korea, Hong Kong, Belgium, and Czech Republic) 1 (Singapore) 1 (Netherlands) 0 4 (Norway, Sweden, Denmark, and Russia) 1 (France)
School Achievement Indicators Program (SAIP) 1996	Science, Age 13 (Level 2+) Science, Age 16 (Level 3+)	+ +	0 0
SAIP 1997	Math Content, Age 13 Math Content, Age 16 Math Problem Solving, Age 13 Math Problem Solving, Age 16	= = + +	1 (Quebec – French) 3 (Quebec – French, Quebec – English, and Nova Scotia – French) 1 (Quebec – French) 1 (Quebec – French)
SAIP 1998	Reading, Age 13 (Level 2+) Reading, Age 16 (Level 3+) Writing, Age 13 (Level 2+) Writing, Age 16 (Level 3+)	= = = =	1 (Quebec – French) 1 (Quebec – French) 0 2 (Nova Scotia-English and Newfoundland)
TIMSS 1999	Mathematics, Grade 8 Science, Grade 8	+ +	7 (Singapore, Korea, Taiwan, Hong Kong, Japan, Quebec, and Belgium) 0
SAIP 1999	Science, Age 13 (Level 2+) Science, Age 16 (Level 3+)	+ +	0 0
Programme for International Student Assessment (PISA) 2000	Reading, Age 15 Mathematics, Age 15 Science, Age 15	+ + +	0 0 0
SAIP 2001	Math Content, Age 13 Math Content, Age 16 Math Problem Solving, Age 13 Math Problem Solving, Age 16	+ + + +	0 0 0 0
SAIP 2002	Writing, Age 13 (Level 2+) Writing, Age 16 (Level 3+)	= =	1 (Quebec – French) 2 (Quebec – French and Quebec – English)
PISA 2003	Mathematics, Age 15 Reading, Age 15 Science, Age 15 Problem Solving, Age 15	+ + + +	0 0 0 0
SAIP 2004	Science, Age 13 (Level 2+) Science, Age 16 (Level 3+)	+ +	0 0

NB    +    Alberta results significantly higher than overall national or international results  
       =    Alberta results not significantly different than overall national or international results  
       -    Alberta results significantly lower than overall national or international results