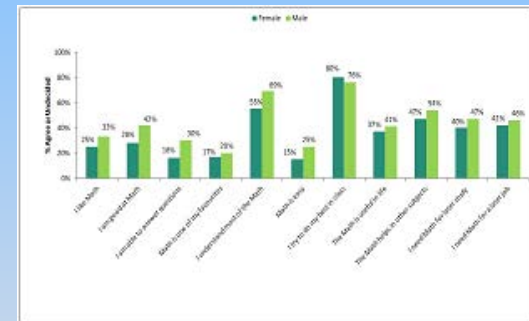


EQAO Assessment of Mathematics Upper Grand DSB Intermediate Results

2011-2012



Paul Costa

Grade 9 Assessment of Mathematics

- Assessment administered in two 50-minute blocks
- Booklets contain both field-test and operational items
- Different booklets for academic and applied students
- Schools may decide to include the results of the assessment in a student's mathematics mark

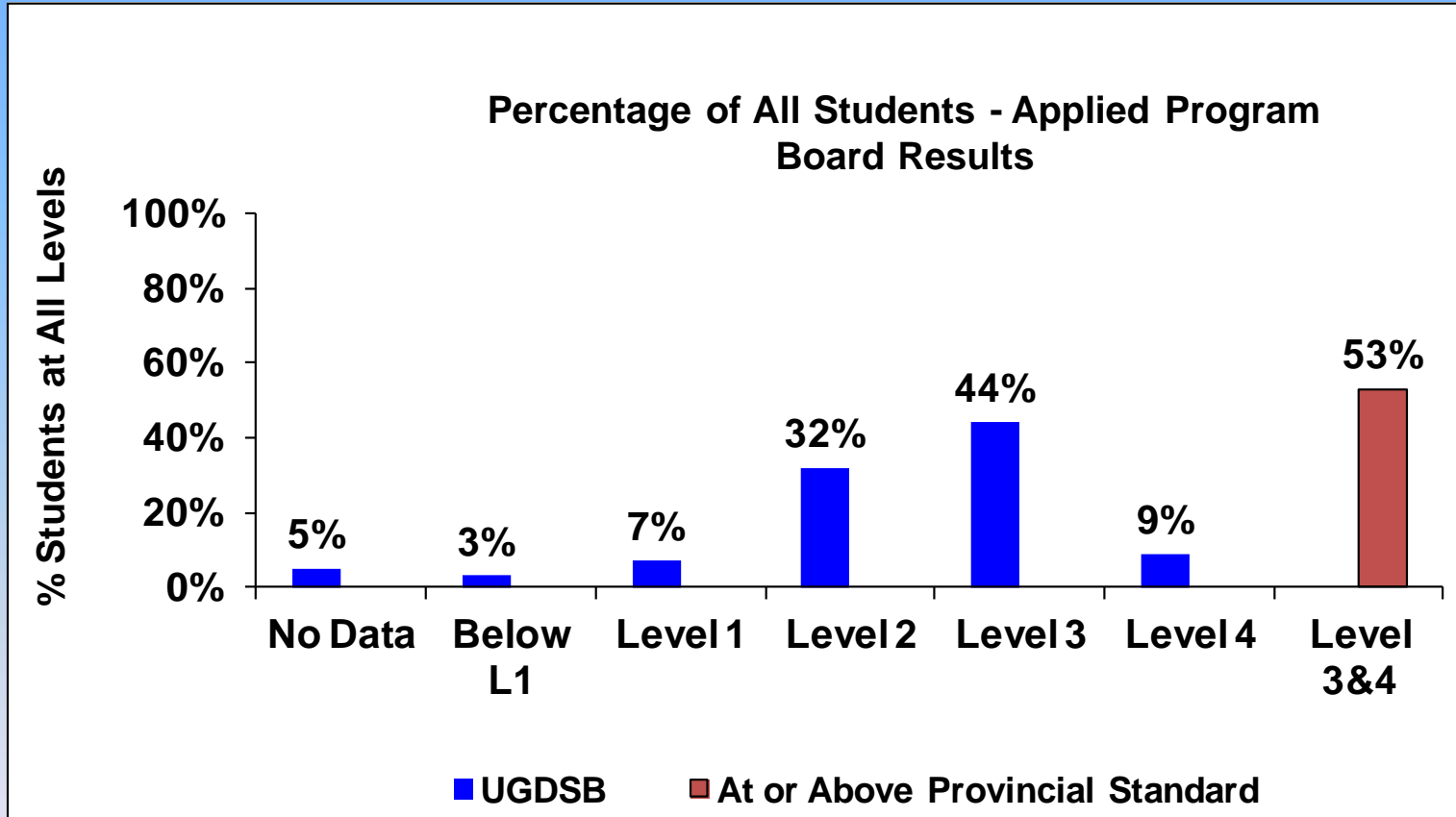
Contextual Information

	Applied	Academic
Number of Students	810	1669
Participated	95%	99%
No Data	5%	1%
Female	42%	54%
Male	58%	46%
English Language Learners	1%	<1%
Special Needs (excluding gifted)	30%	5%
Accommodations	18%	3%
Special Provisions	1%	<1%

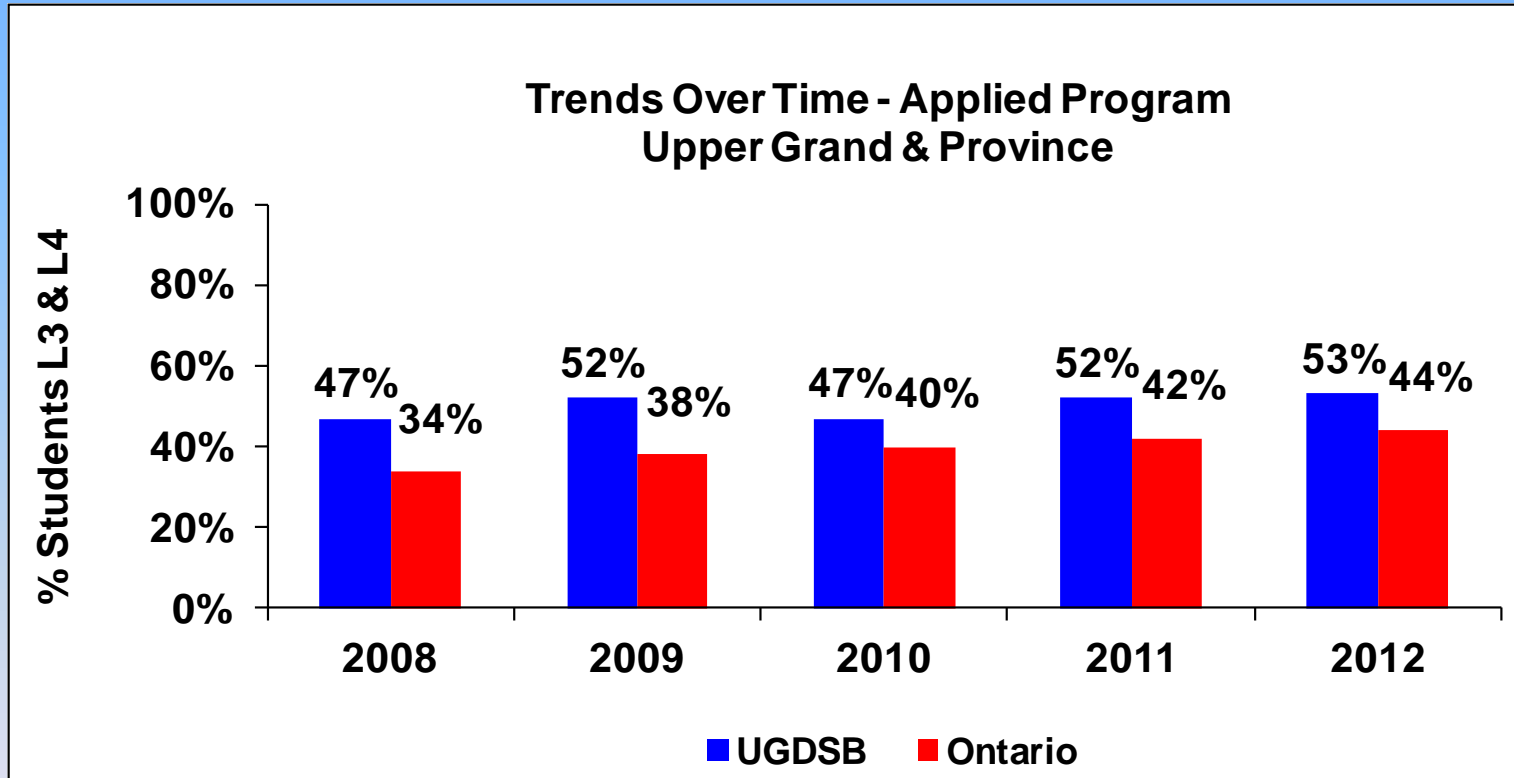
Results by Program of Study

Applied

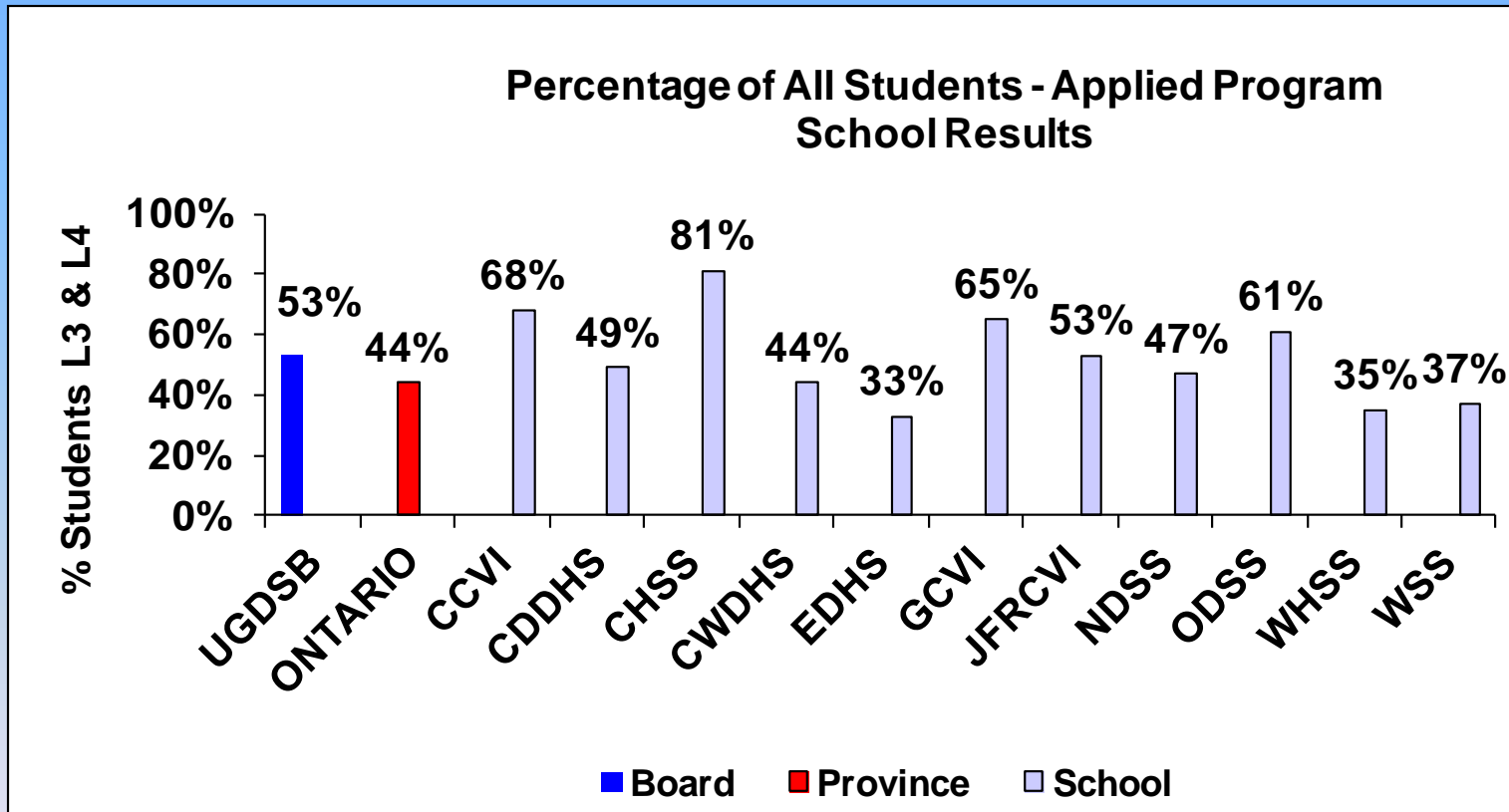
Results by Program of Study – Applied



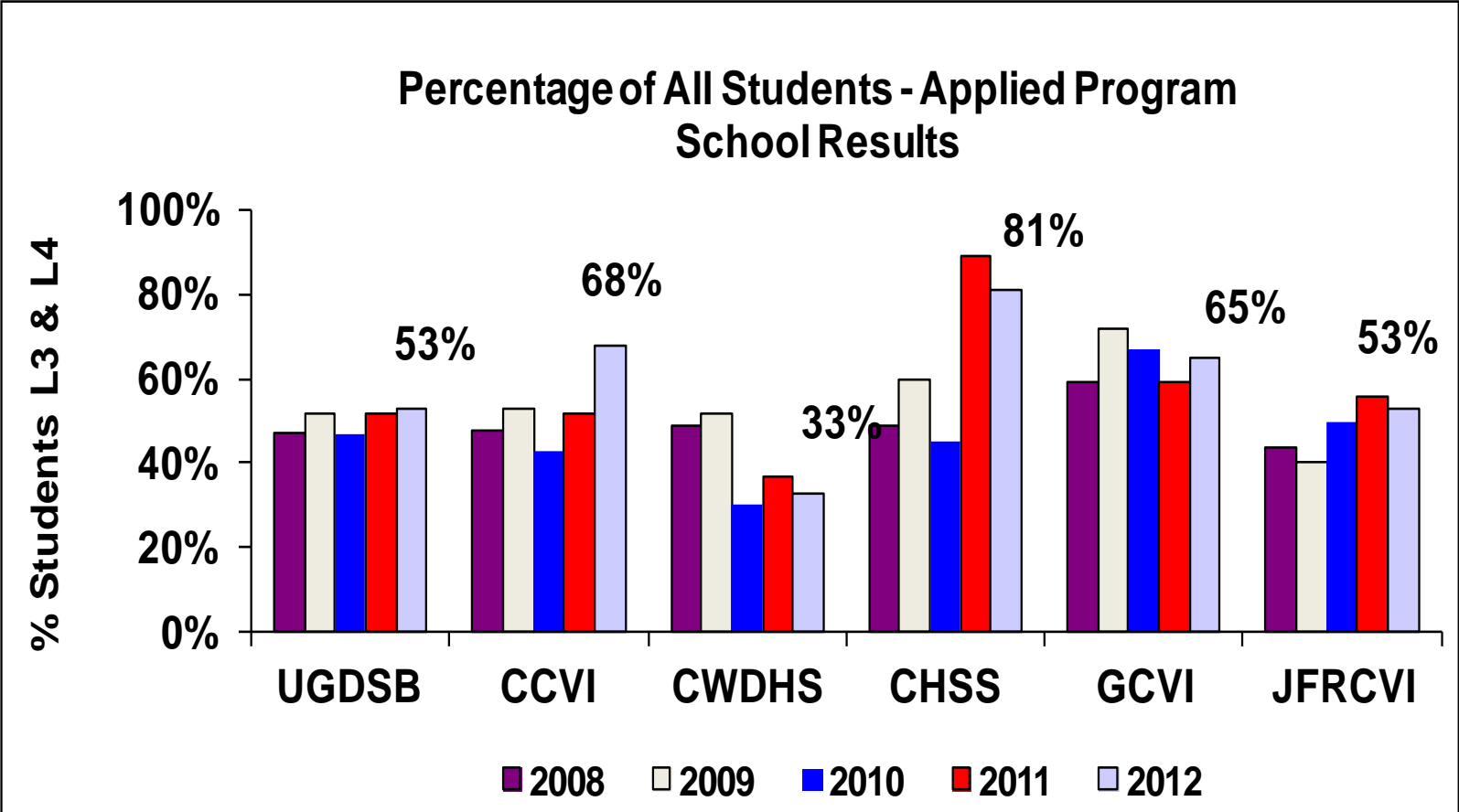
Results Over Time – Applied



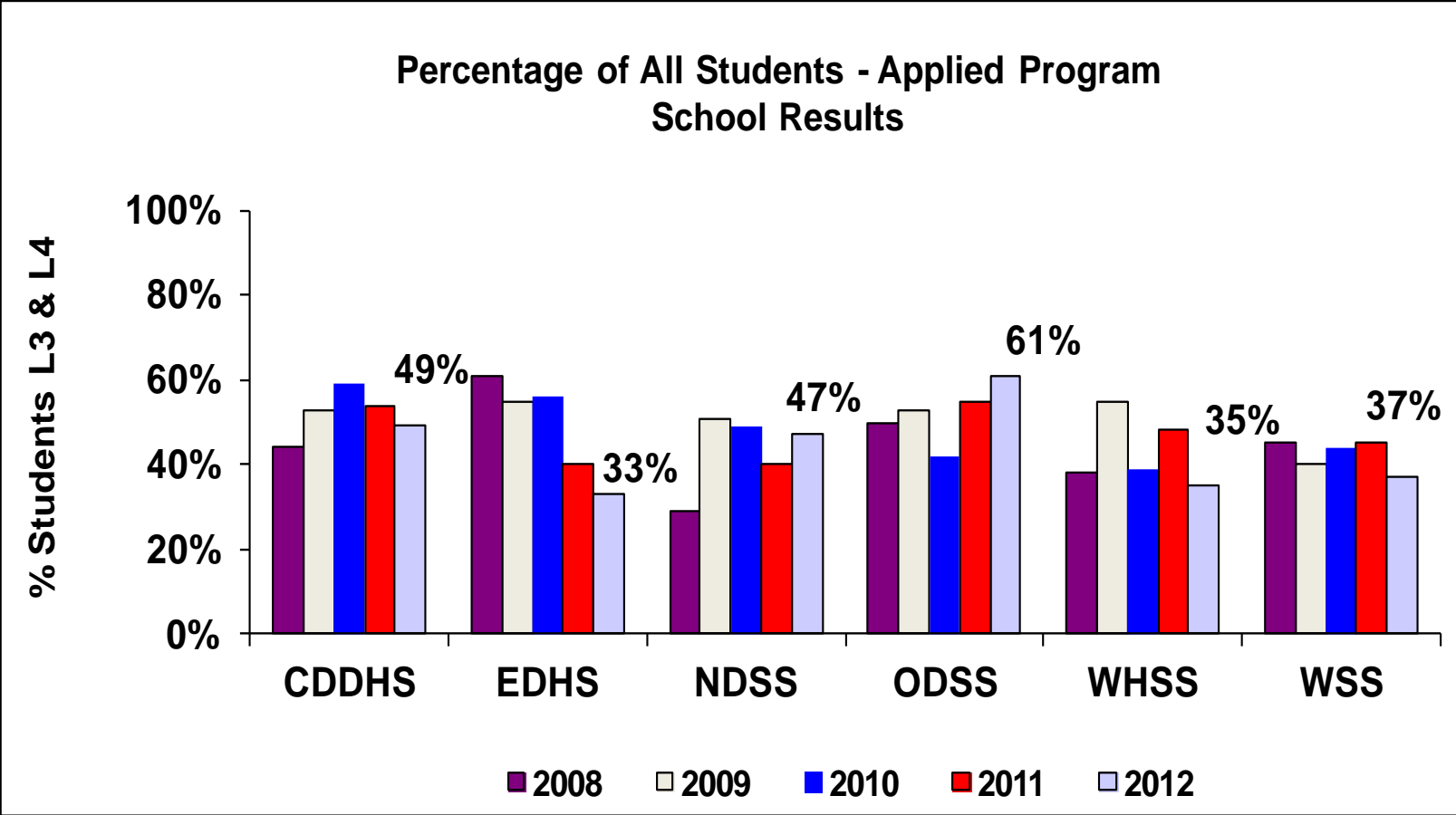
Results by School – Applied



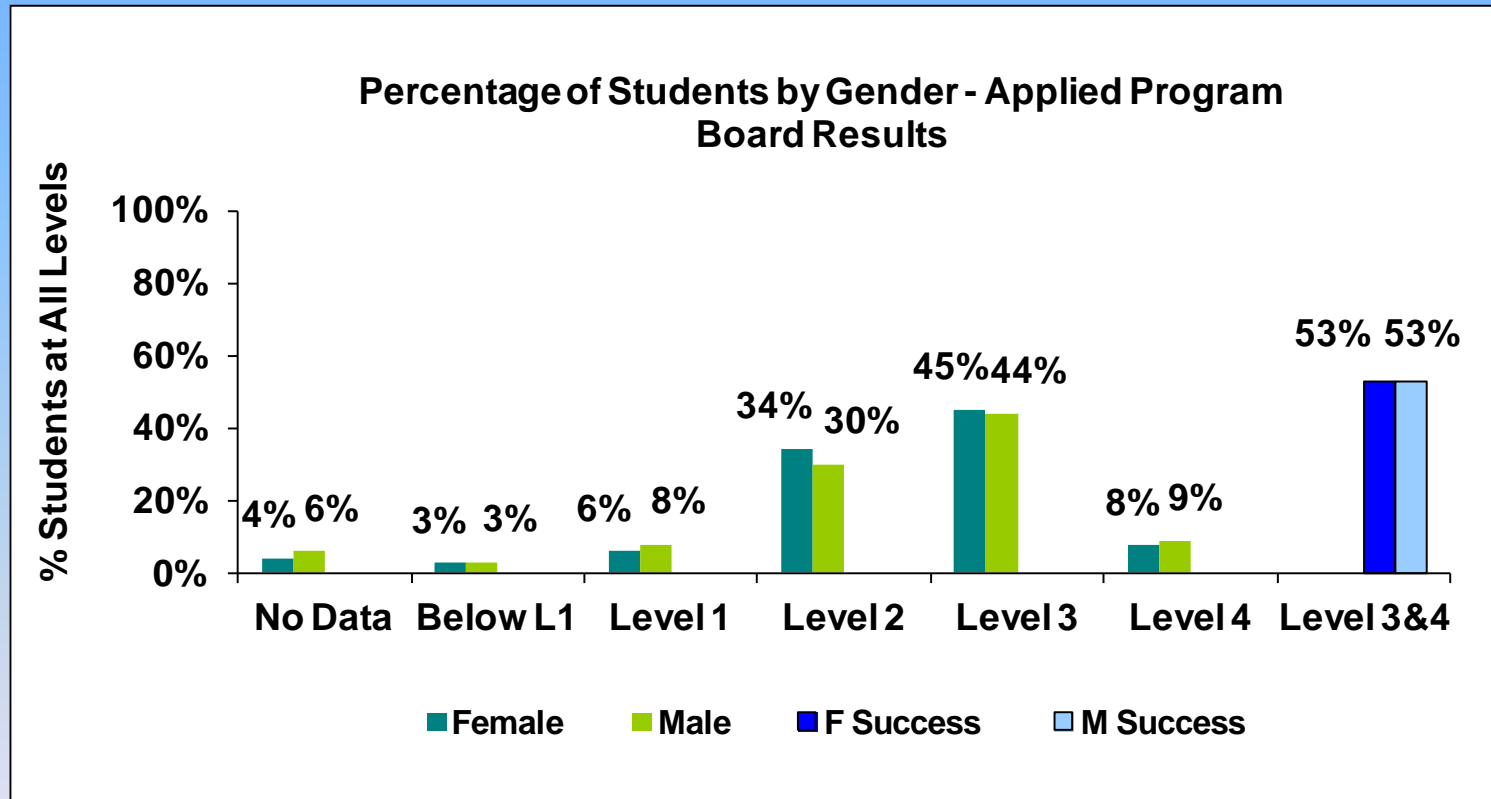
School Results Over Time – Applied



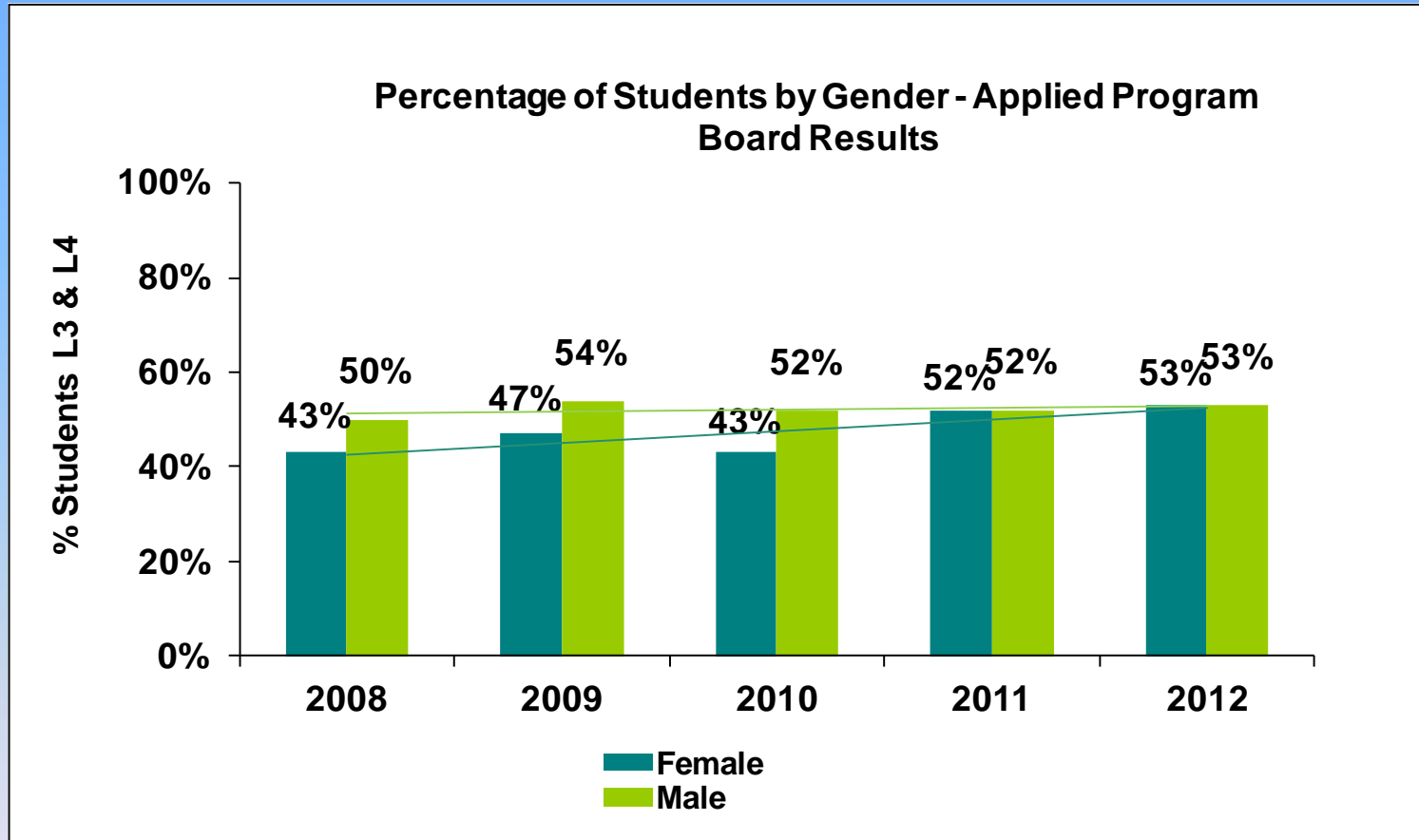
School Results Over Time – Applied



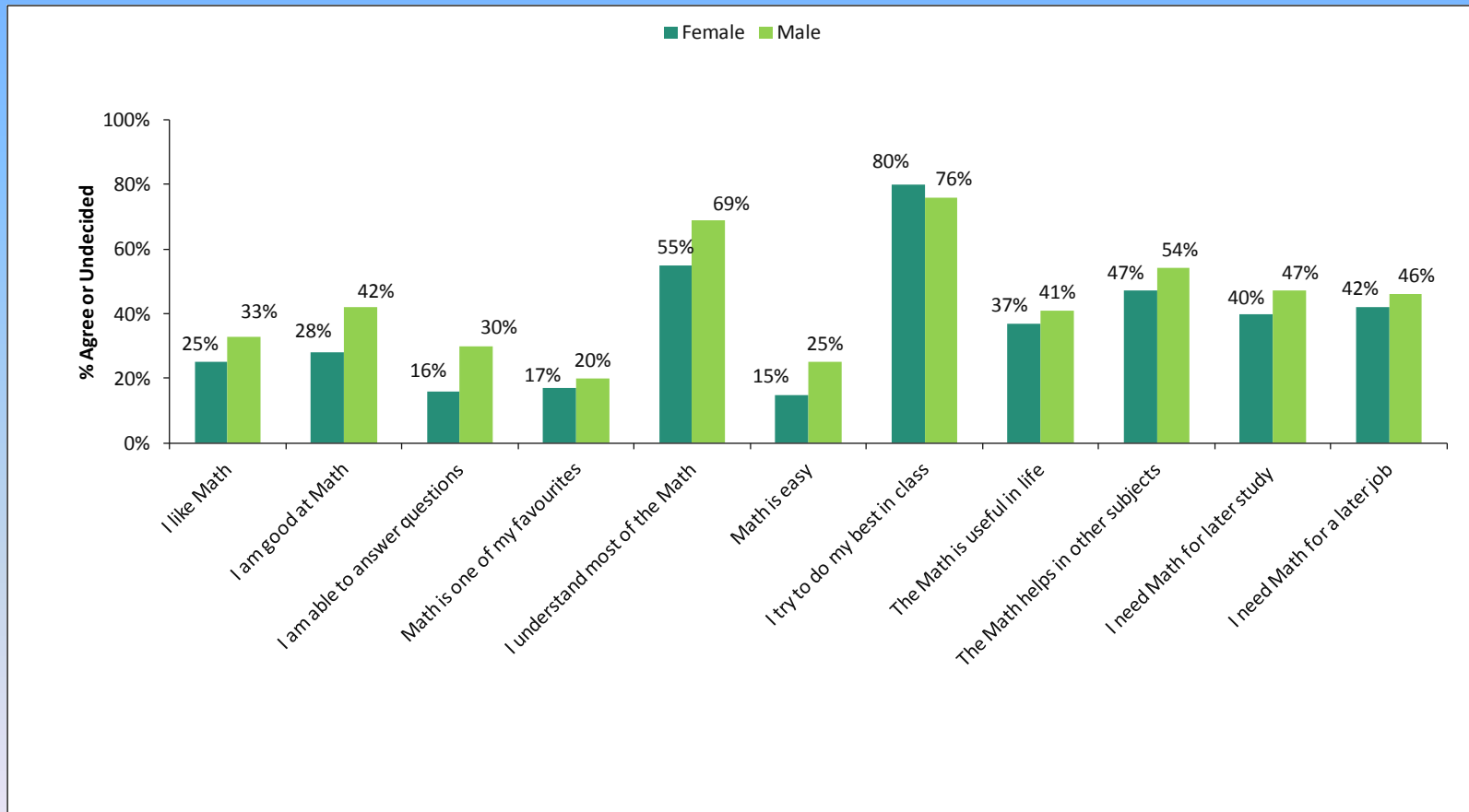
Results by Gender – Applied



Gender Results Over Time – Applied

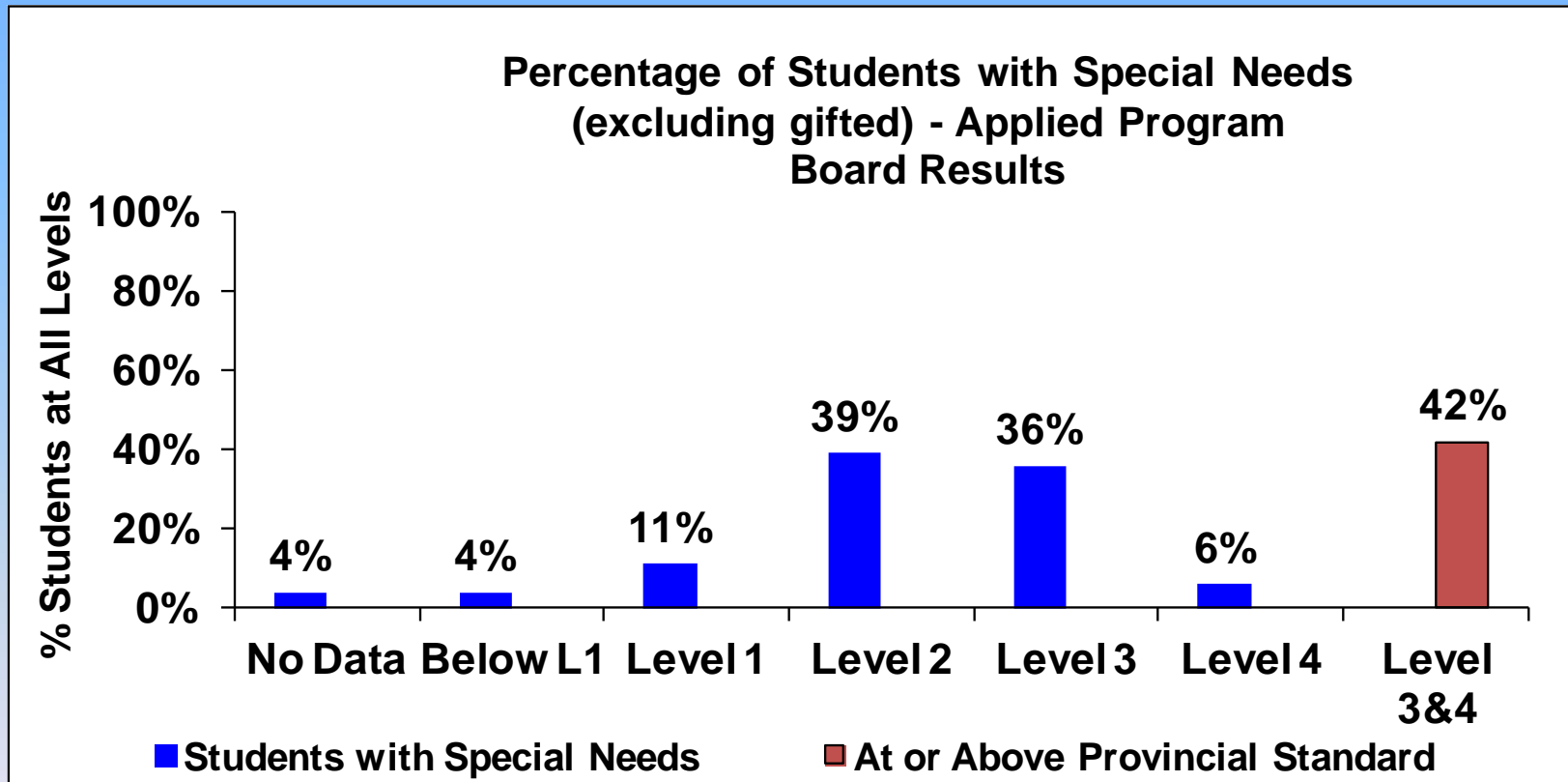


Gender Profile Student Questionnaire – Applied



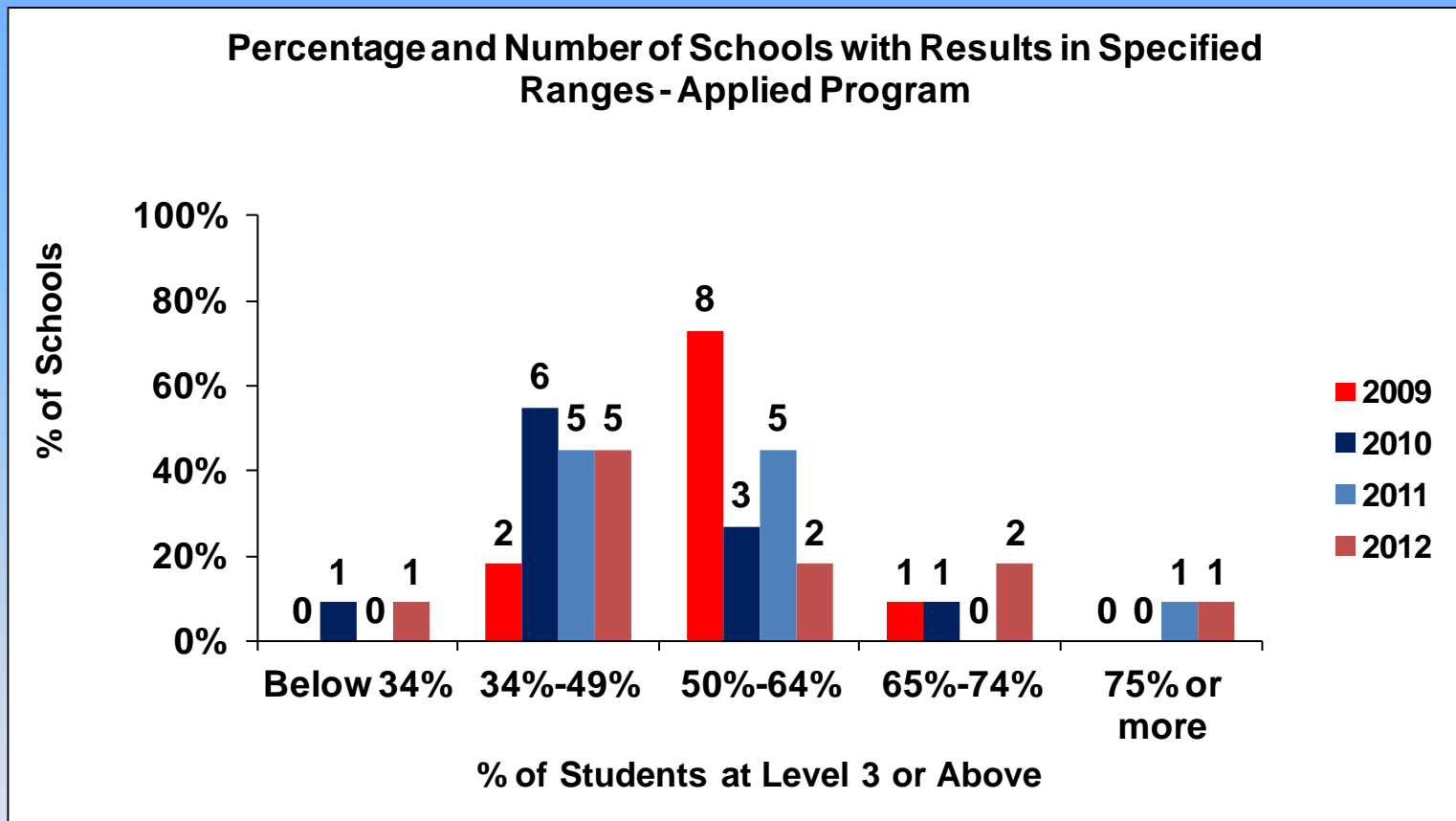
Special Needs Results – Applied

(Excluding Gifted)



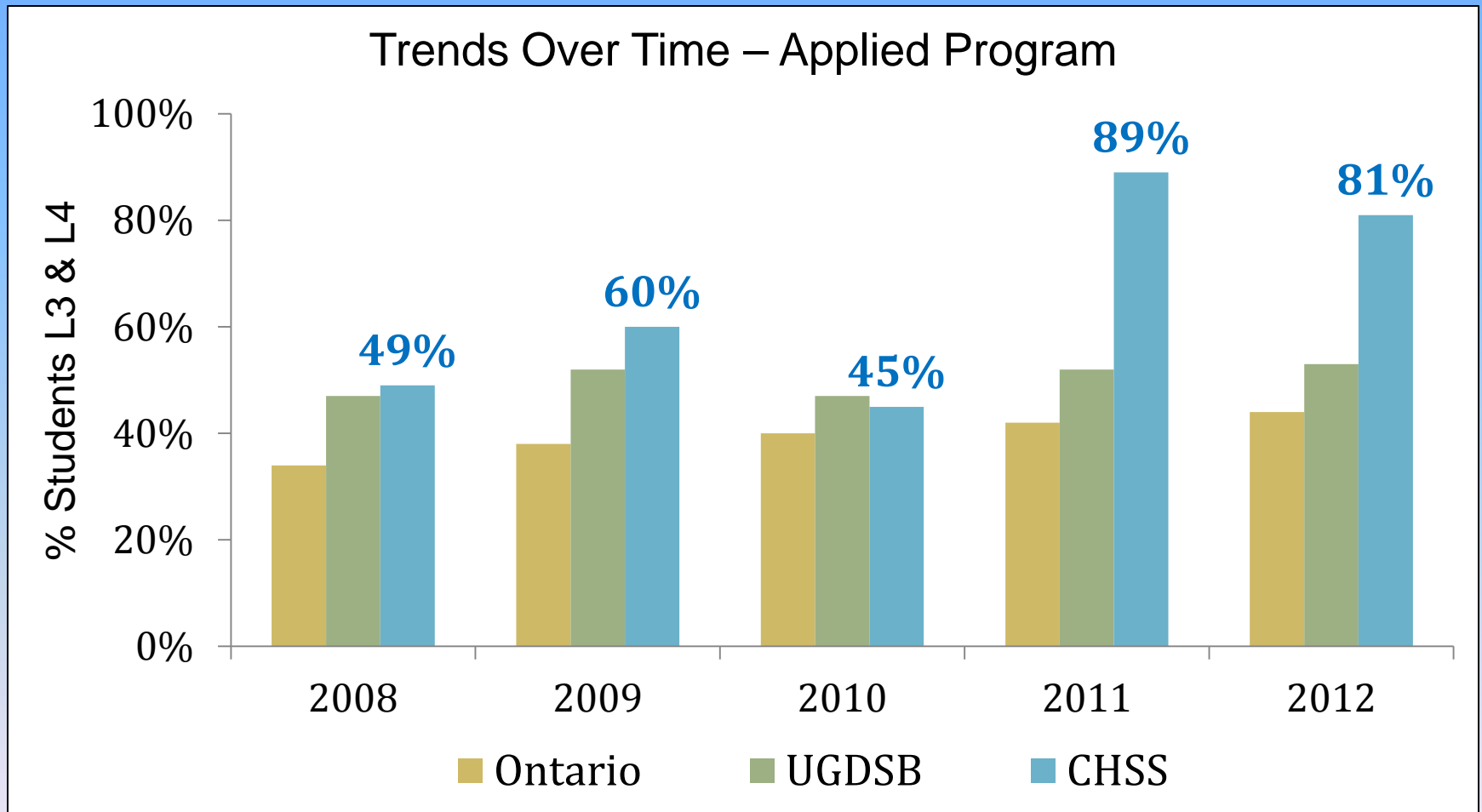
Distribution of School Results Over Time

Applied

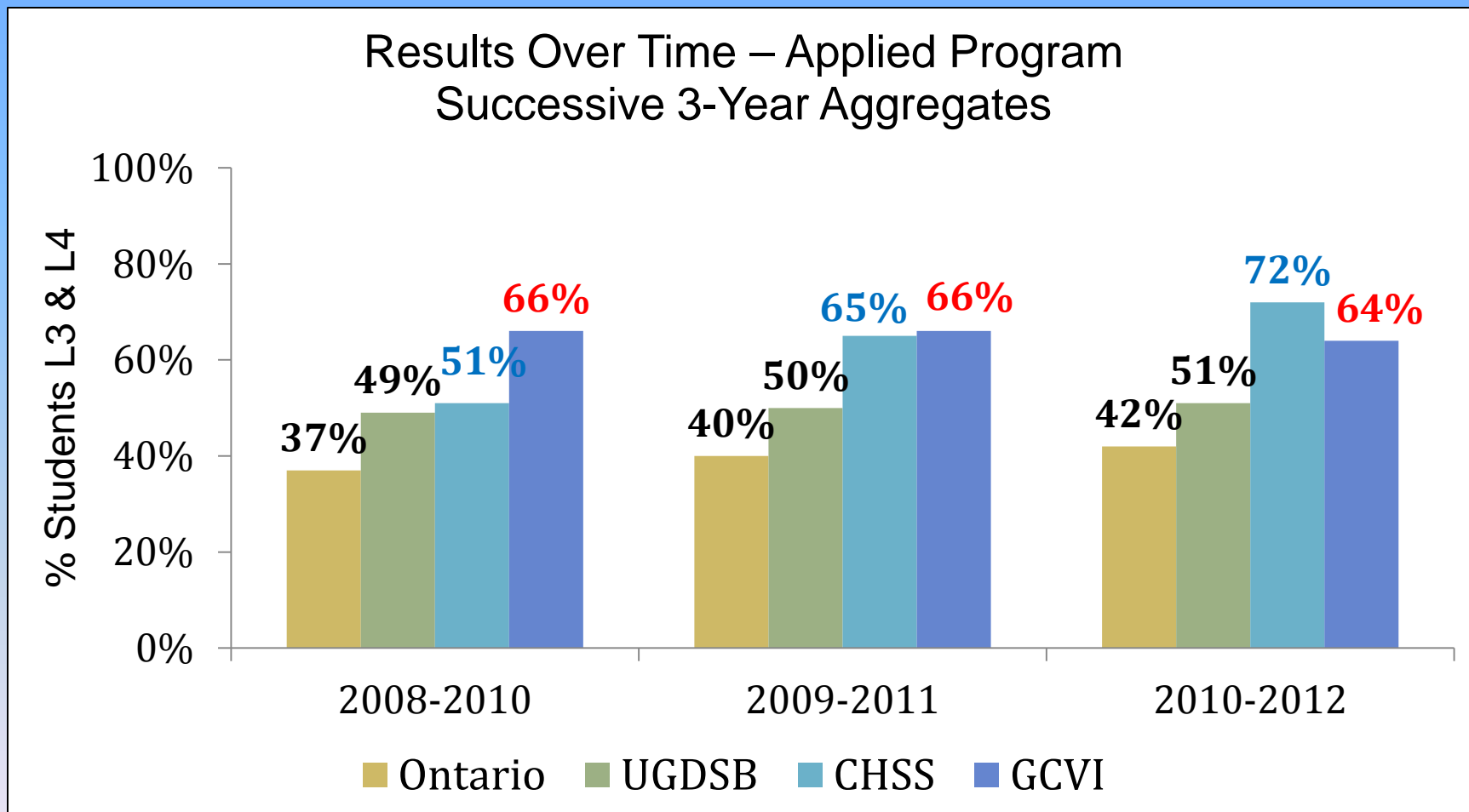


Trends Over Time – CHSS

Applied Program



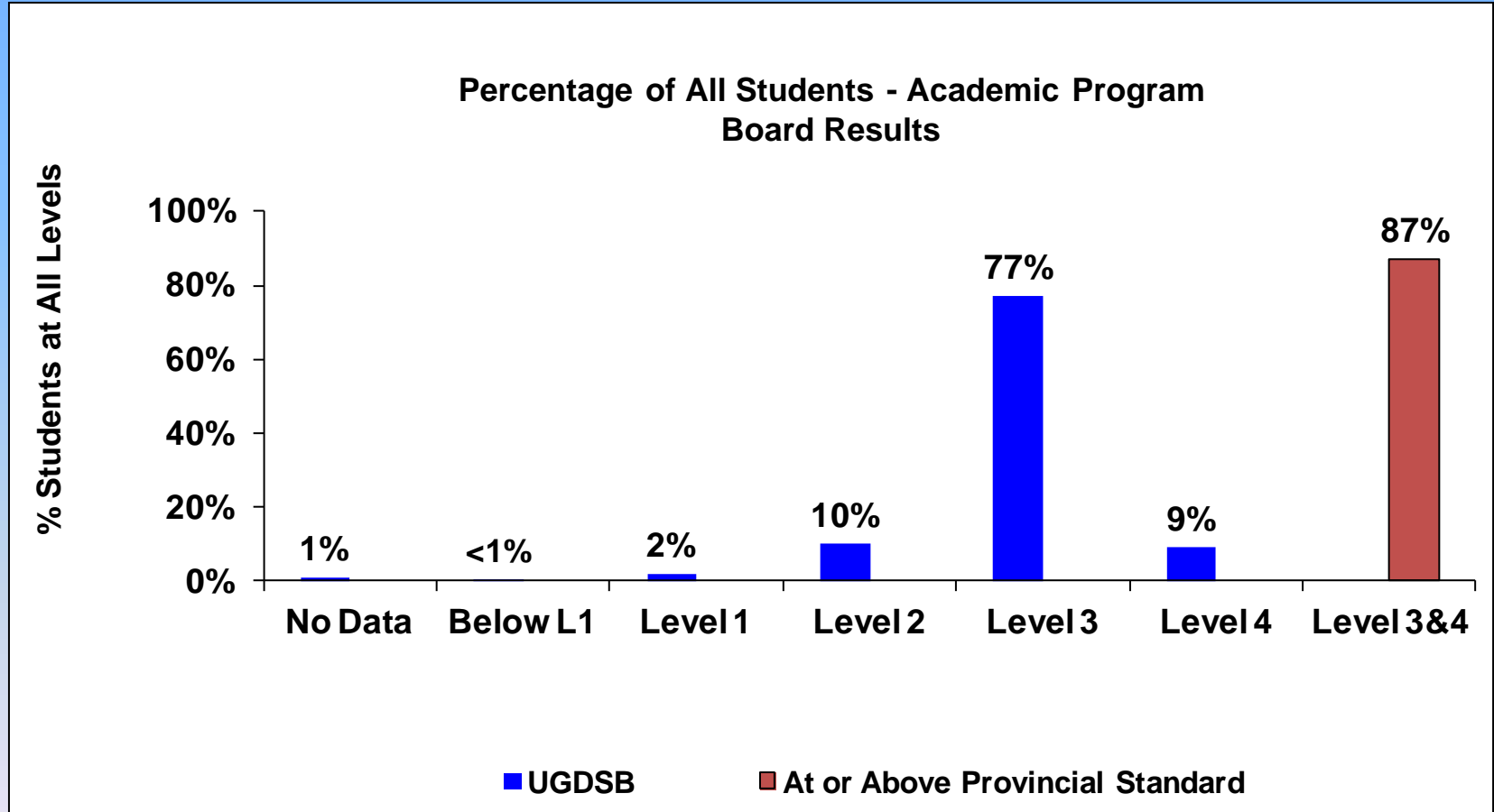
Trends Over Time: 3-Year Aggregates – Applied



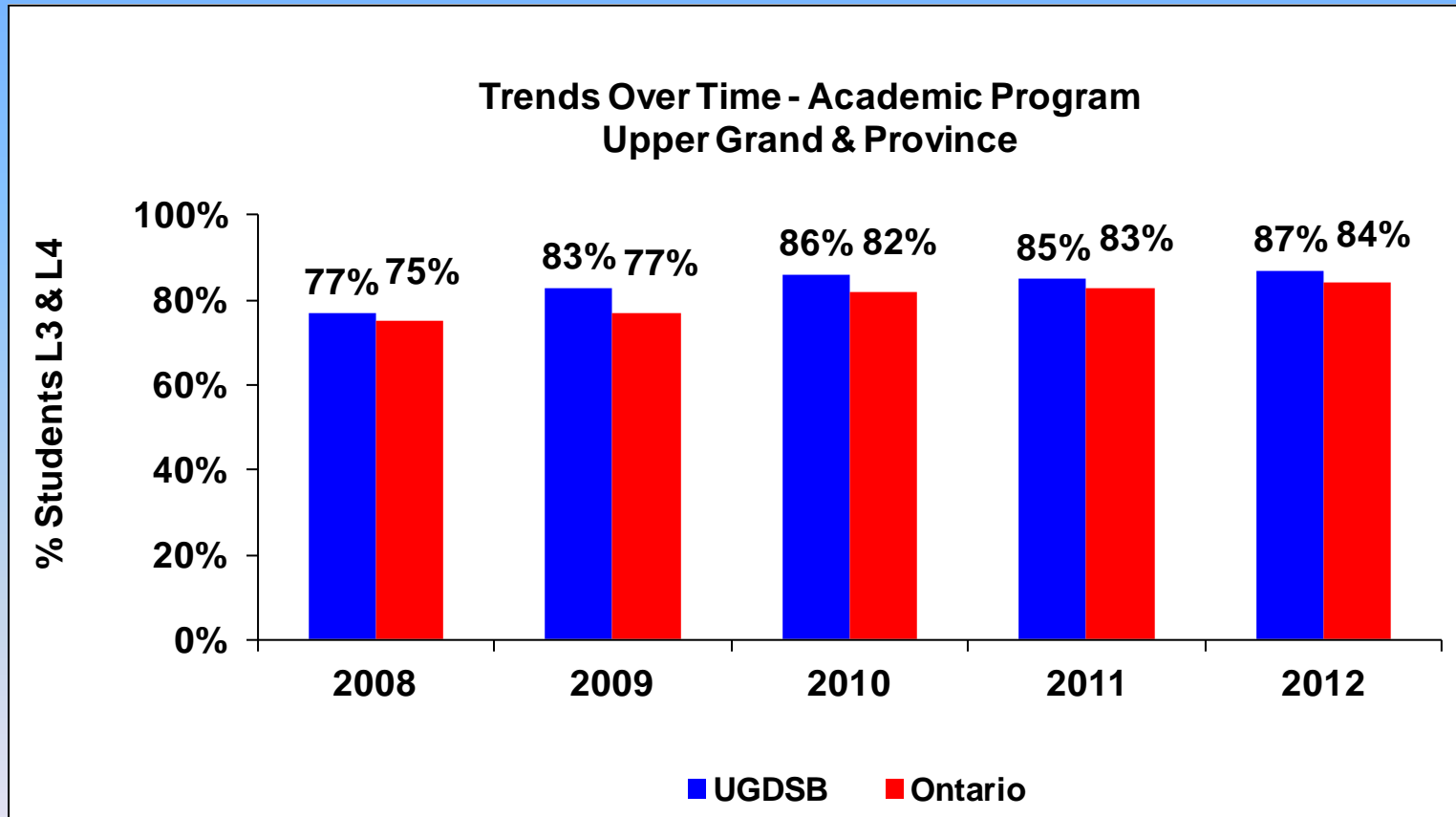
Results by Program of Study

Academic

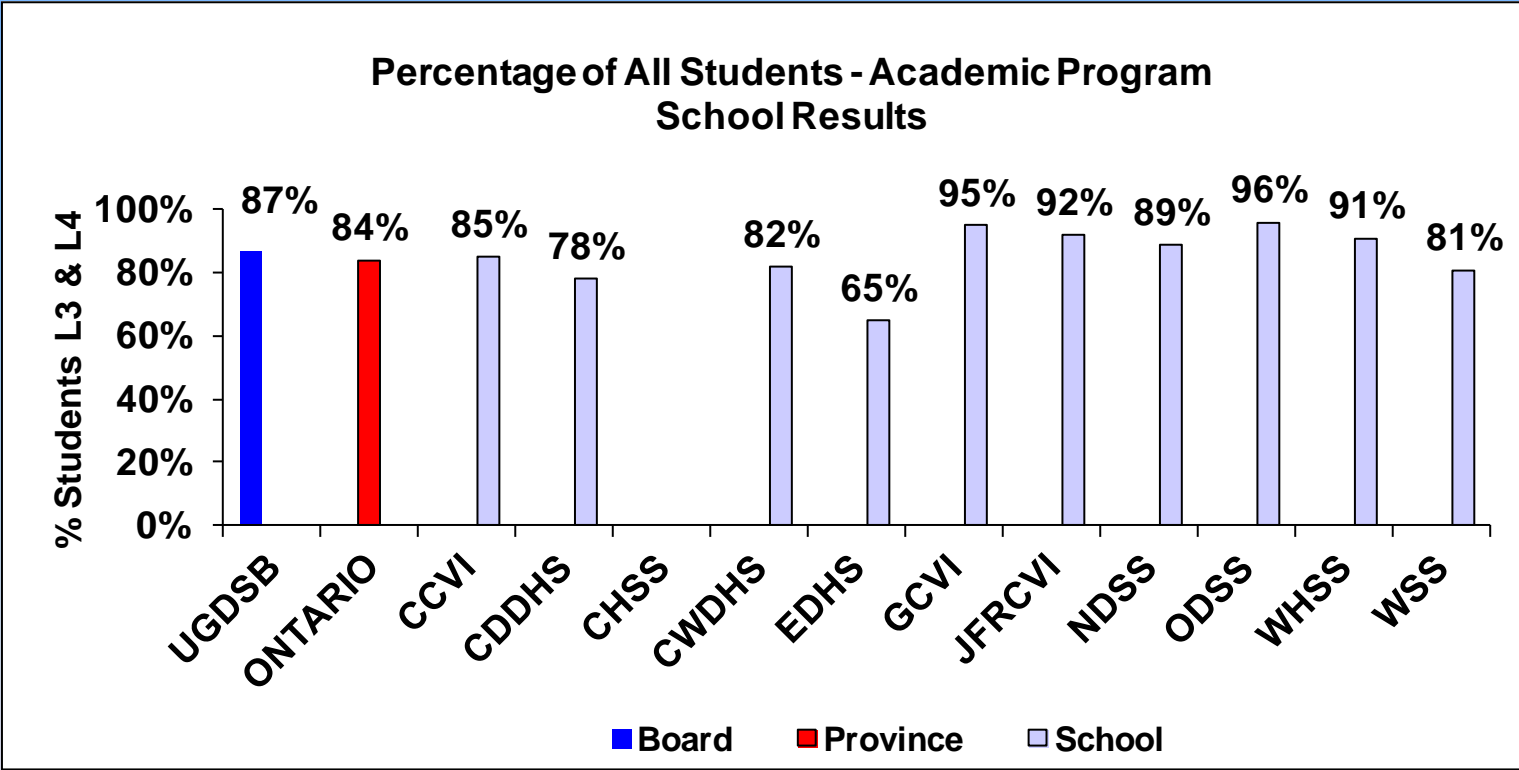
Results by Program of Study – Academic



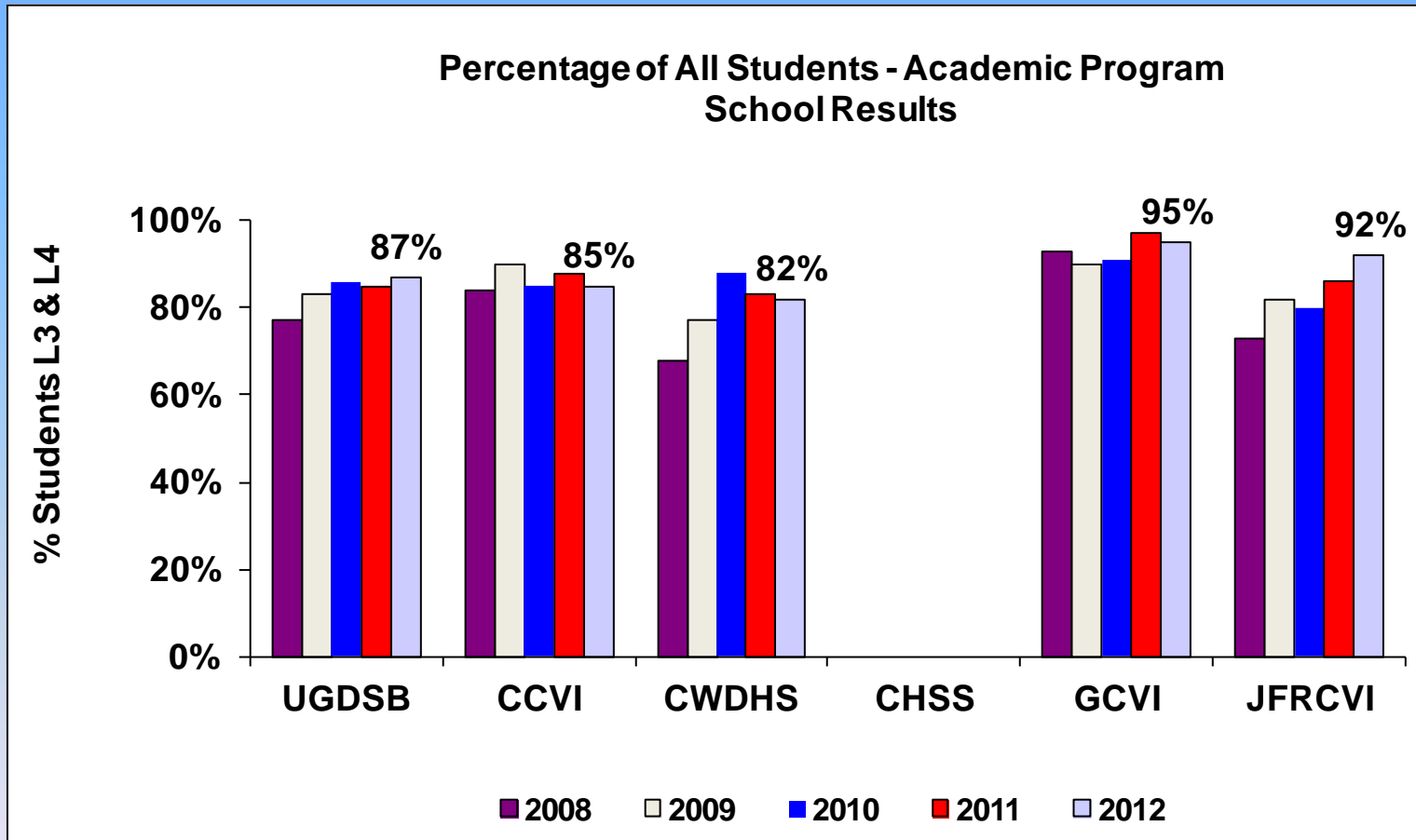
Results Over Time – Academic



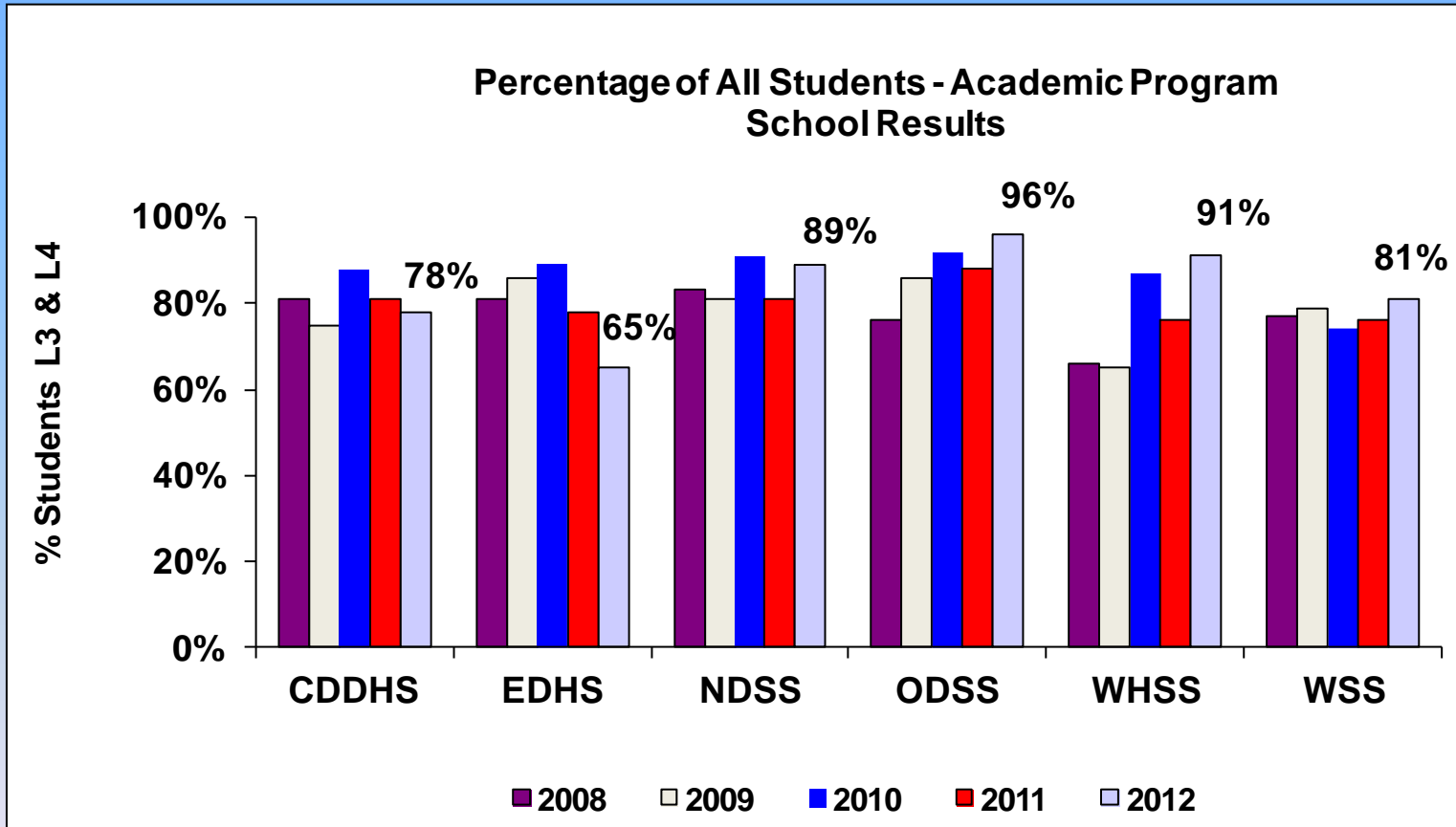
Results by School – Academic



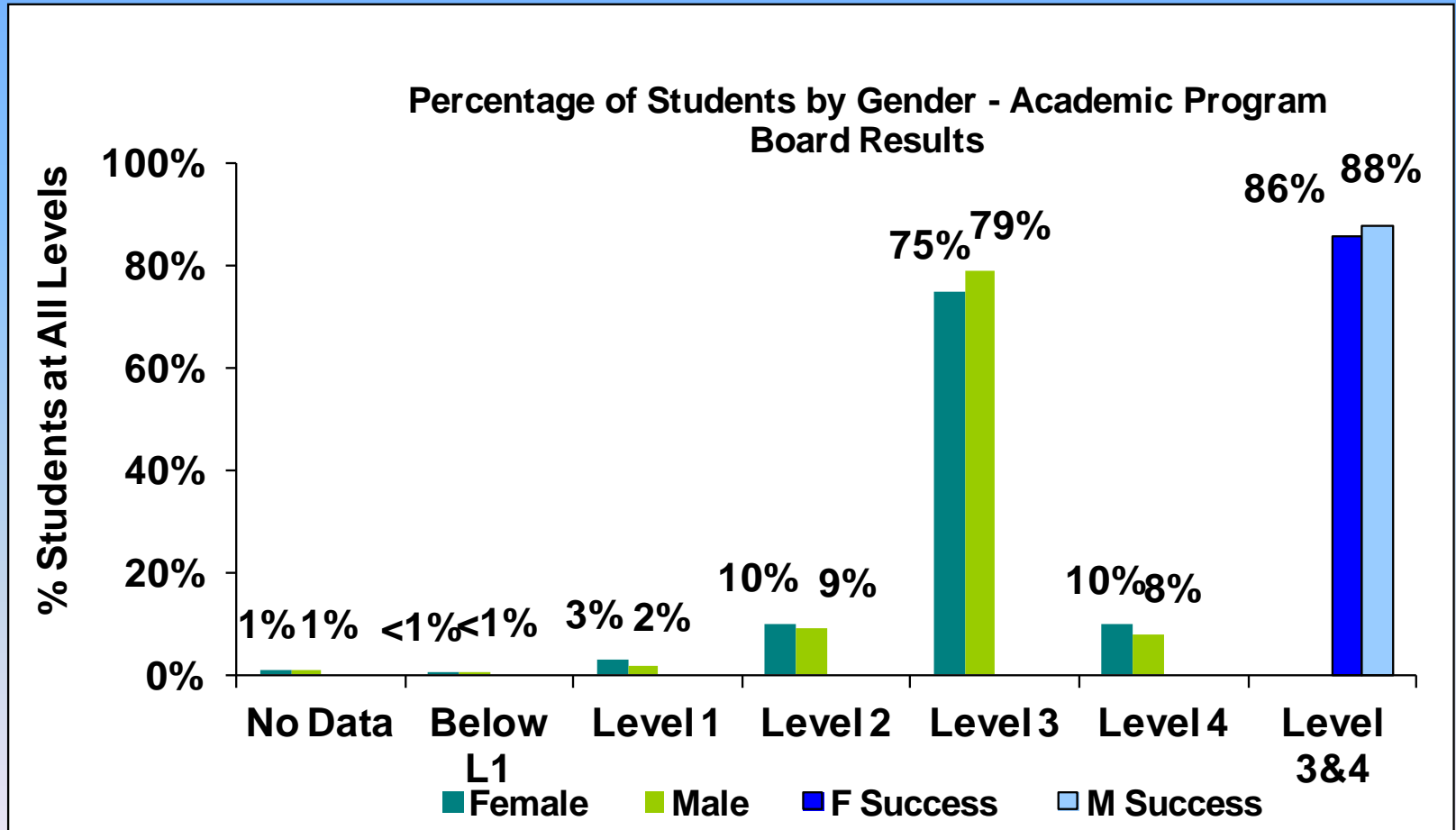
School Results Over Time – Academic



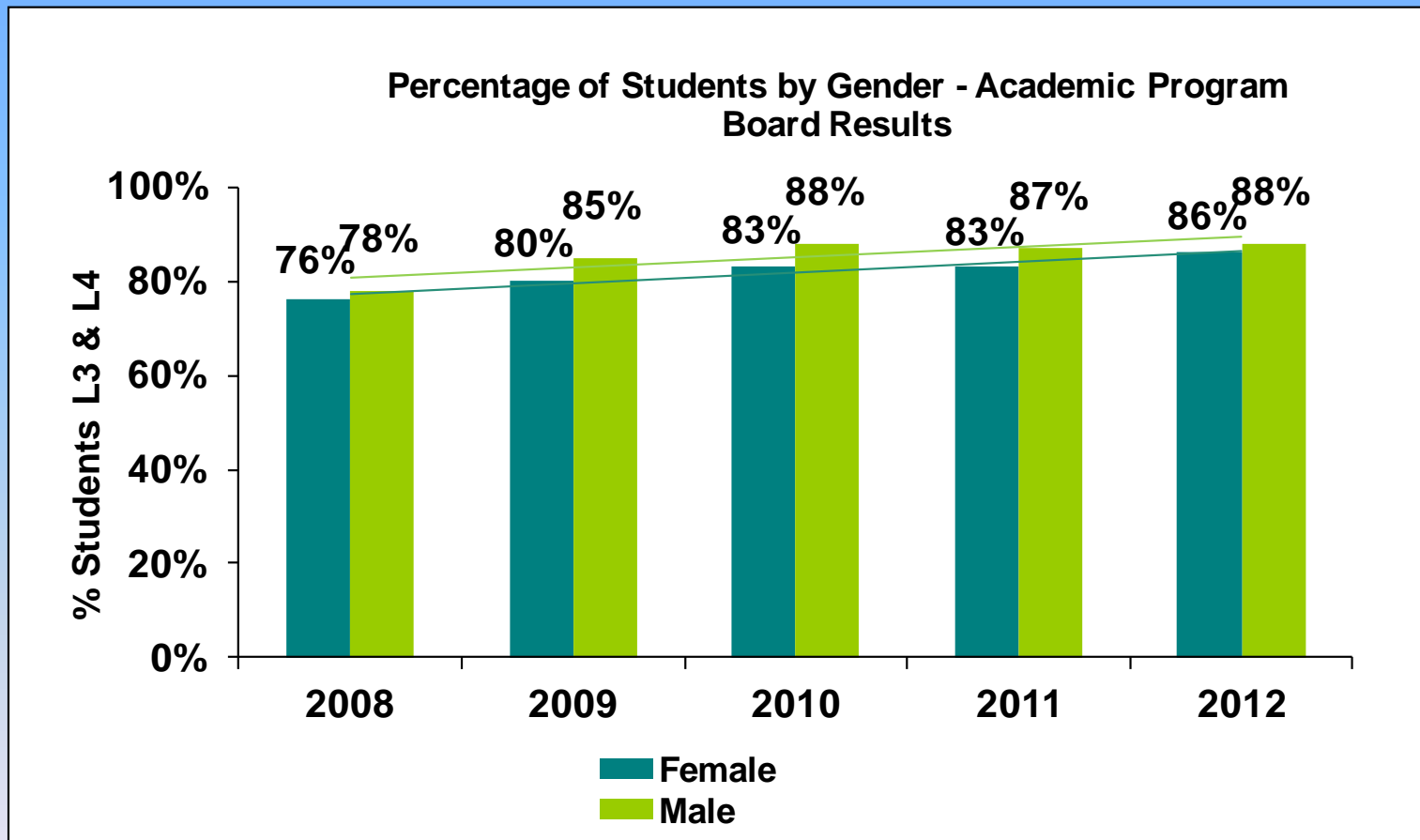
School Results Over Time – Academic



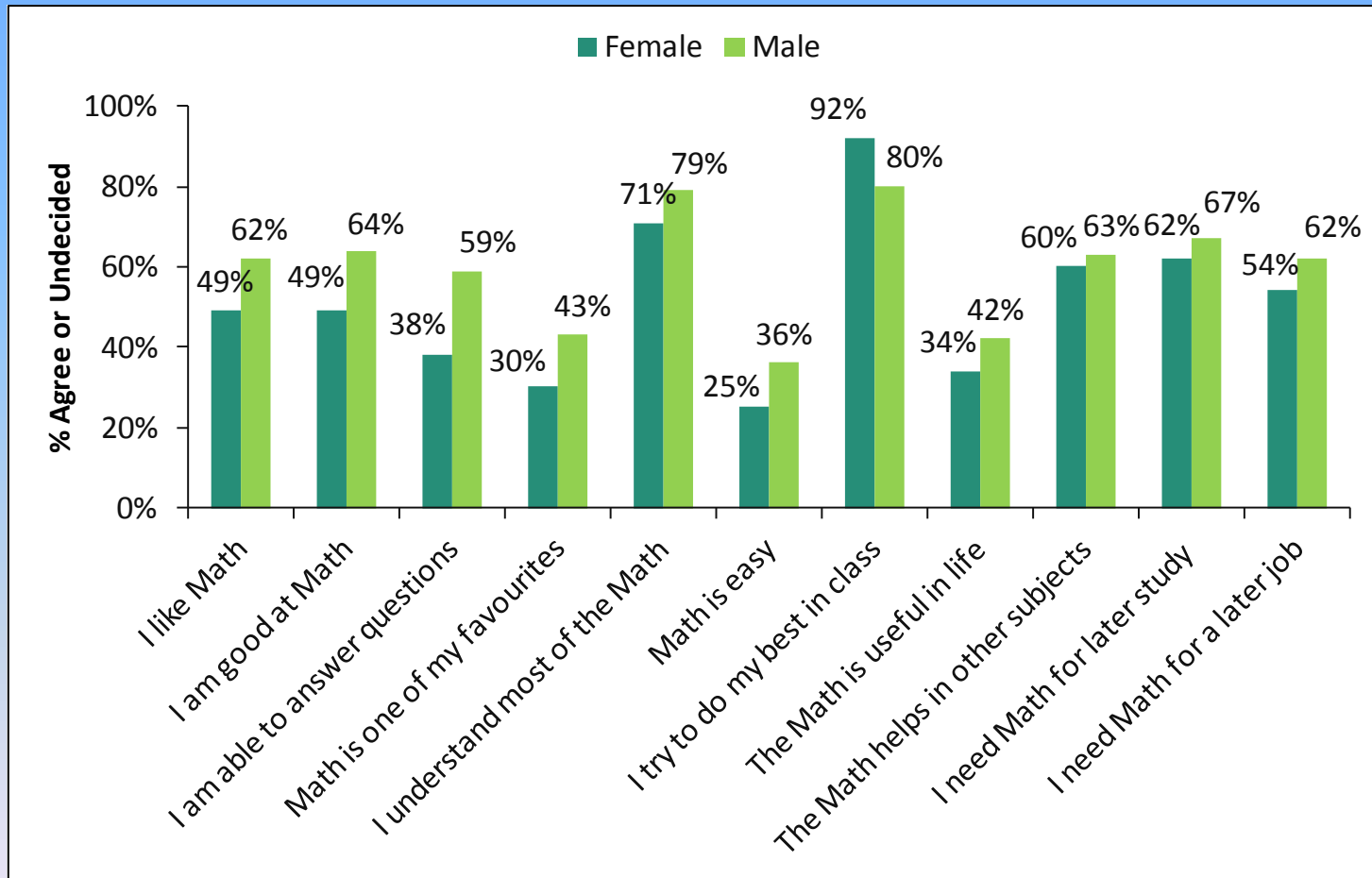
Results by Gender – Academic



Gender Results Over Time – Academic

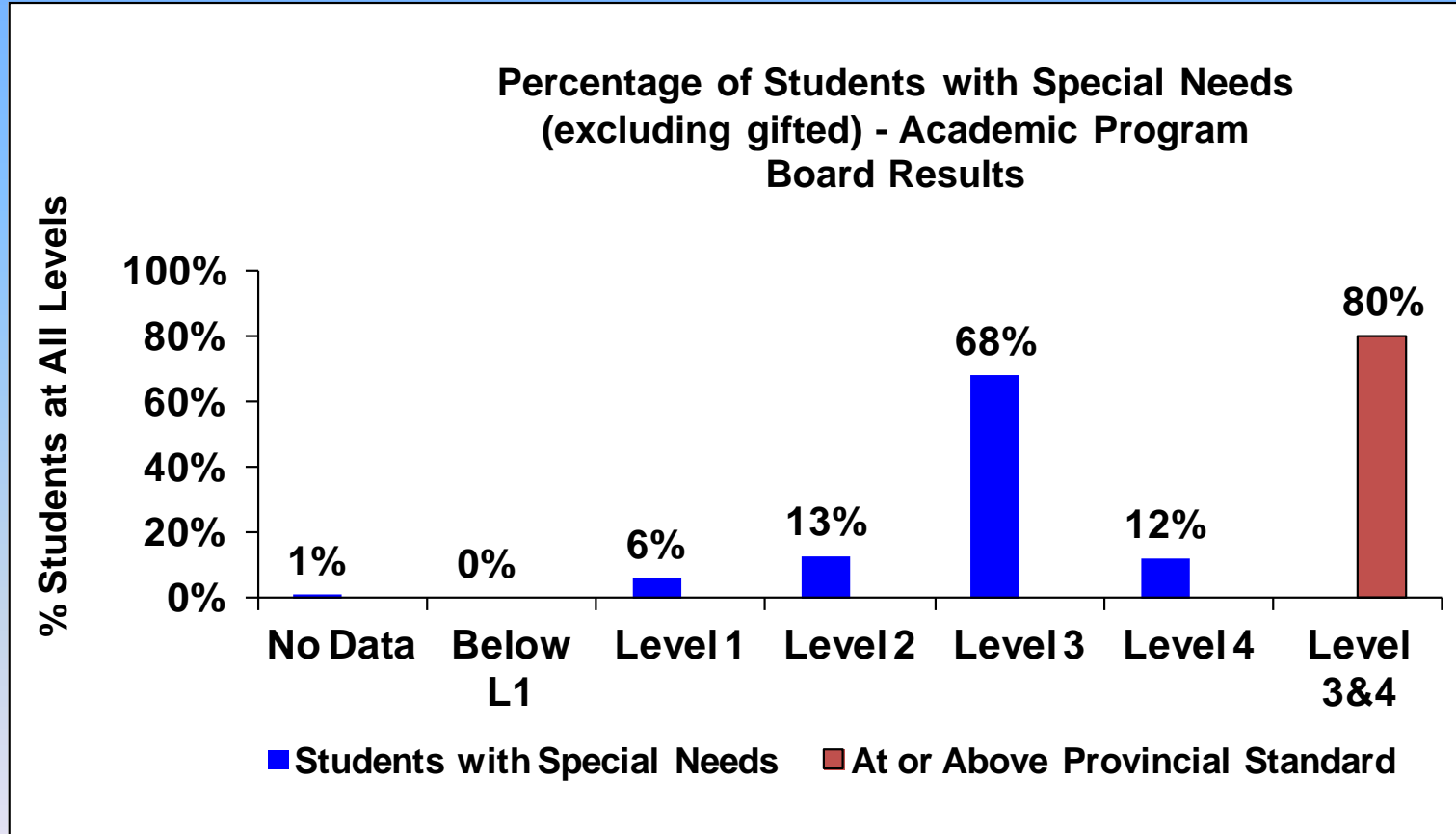


Gender Profile Student Questionnaire – Academic



Special Needs Results – Academic

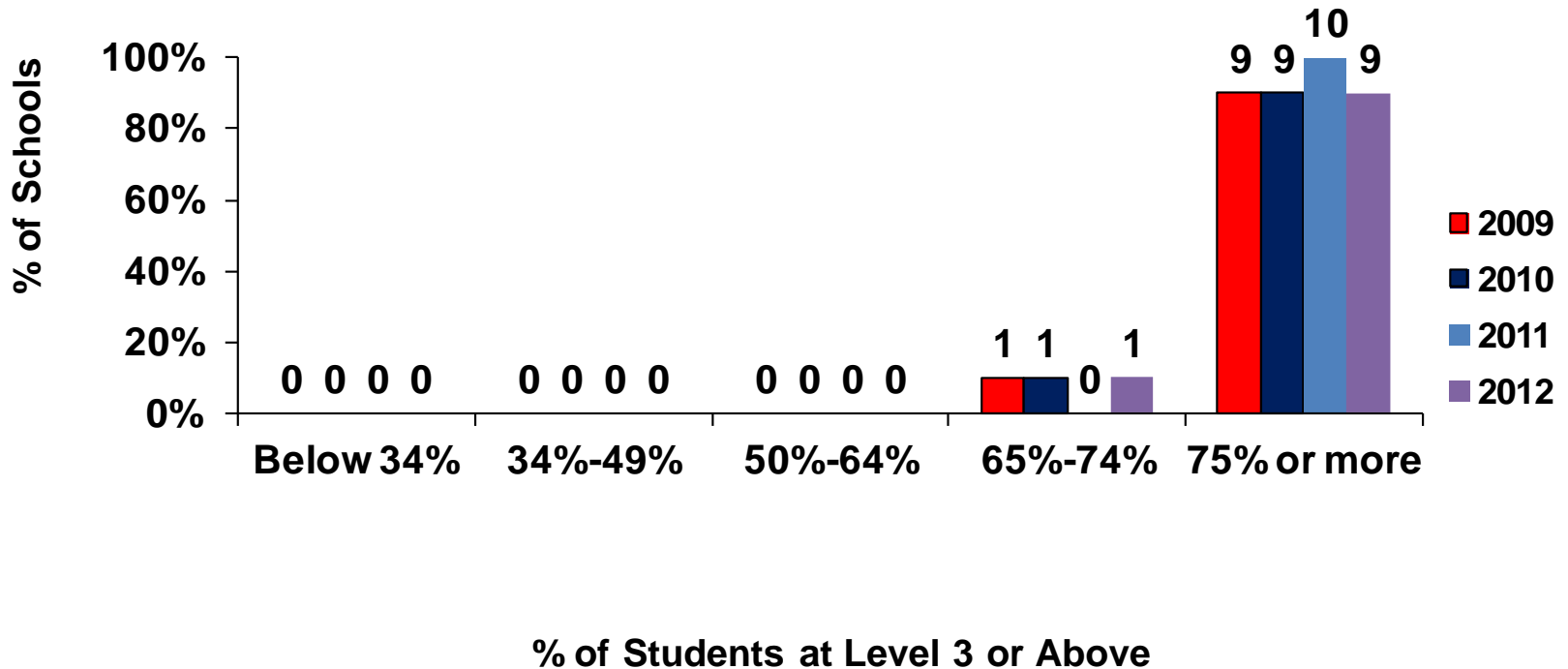
(Excluding Gifted)



Distribution of School Results Over Time

Academic

Percentage and Number of Schools with Results in Specified Ranges - Academic Program

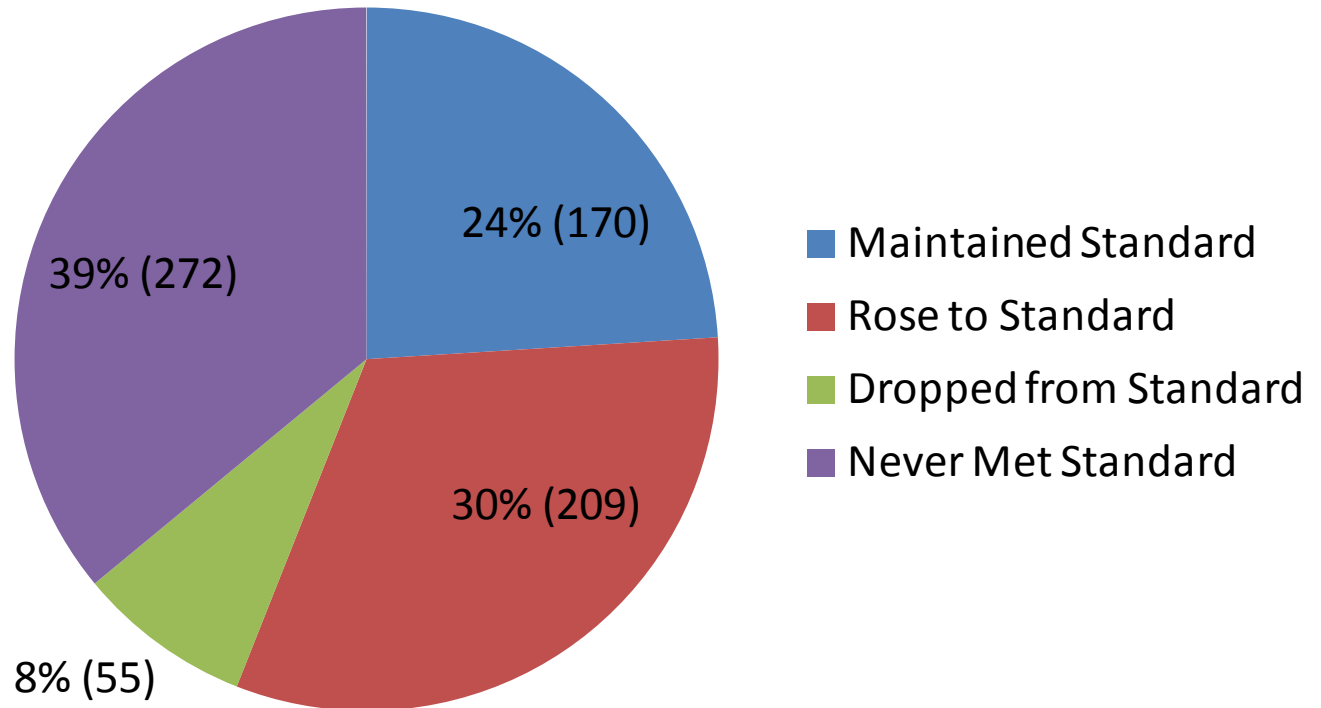


Intermediate Cohort Analysis

EQAO 2011-2012

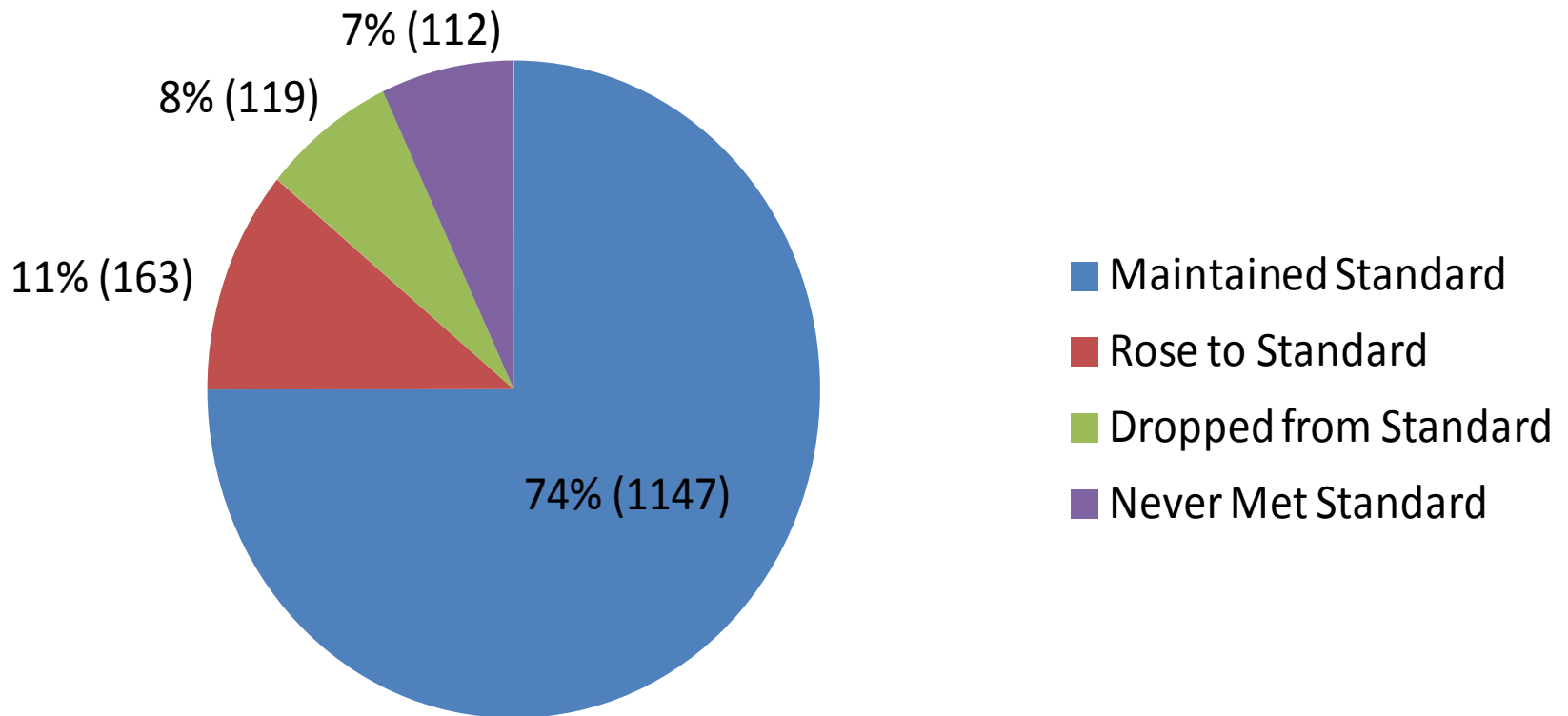
Mathematics: Applied Level Cohort From Grade 6 in 2009 to Grade 9 in 2012

% Students Achievement from Grade 6 to Grade 9



Mathematics: Academic Level Cohort From Grade 6 in 2009 to Grade 9 in 2012

% Students Achievement from Grade 6 to Grade 9



Approaching Provincial Standard & Above

Percentage of students scoring at least Level 2:

	2008	2009	2010	2011	2012
Applied	81%	83%	84%	85%	85%
Academic	93%	95%	97%	96%	97%

Steps to Success

- Leading Student Achievement (LSA) projects and the Teaching-Learning Critical Pathway (TLCP) process for improving instructional practice in mathematics
- Targeted Implementation and Planning Supports (TIPS) student math binders
- Homework Help and Gap Closing Resources
- Professional Learning Communities (PLC) of teachers focused on data analysis and the use of response devices to prompt discussion
- Math Coaching and Collaborative Learning in Classrooms (CLiC) focusing on teaching through problem solving

Next Steps

- Continue to encourage and support the use of TIPS student binders (grades 9-10)
- Continue to support students through Homework Help and Gap Closing
- Continue to use Interactive Whiteboards, Response units and document cameras to create a comfort level for students writing assessments
- Focus on teaching through problem solving with new Math Coaching and CLiC projects
- Forge links between teachers of secondary schools and feeder elementary schools through transition initiatives – data sharing, EQAO prep, CLiC.

Questions?