



Student Achievement

Board of Education

January 17, 2024

Evidence of Student Learning



Our Focus

Literacy & Numeracy

Provincial Assessments

- FSA
- Graduation Assessments

Assessment Results

- Current
- Trends Over Time

International Assessments

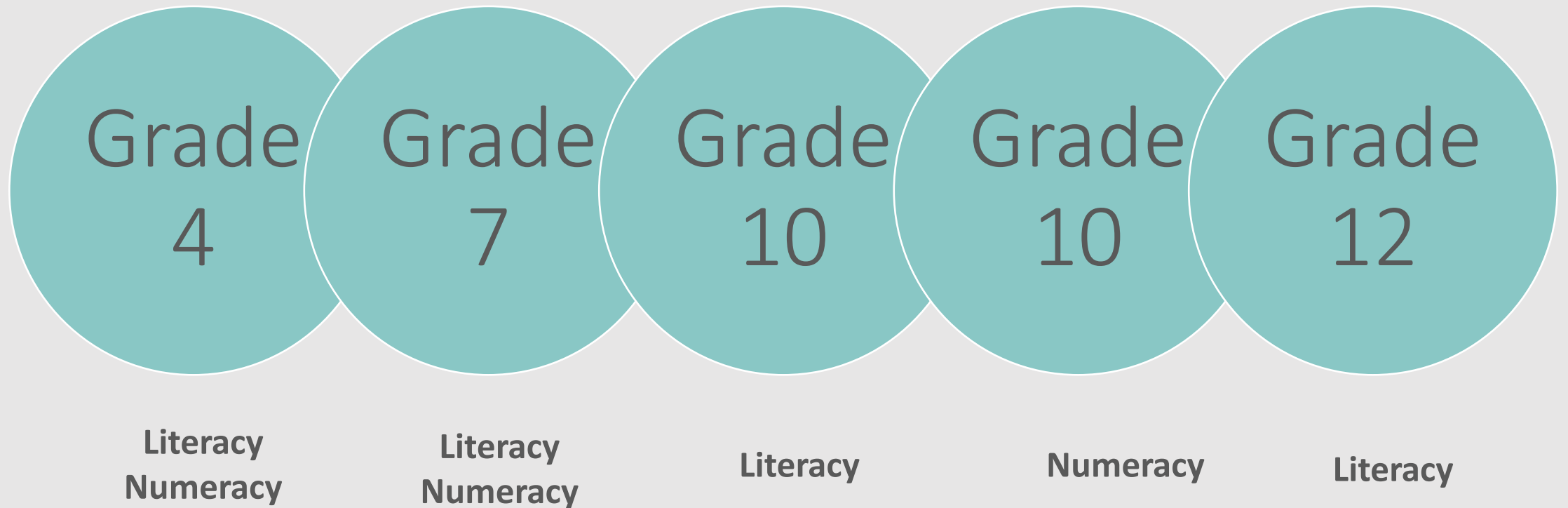
- PISA

Our District's Response

- Professional Learning



Provincial Assessments



Provincial Assessments Grades 4 - 12

Reading	Writing	Numeracy
<p>Comprehending</p> <ul style="list-style-type: none">○ Understands text○ Elaborates with detail○ Sequences information○ Makes logical inferences <p>Connecting</p> <ul style="list-style-type: none">○ Integrates ideas across texts○ Offers opinions and reactions○ Makes connections	<ul style="list-style-type: none">○ Understands purpose (the goal or aim of the writing task)○ Ideas are organized○ Writing is focused○ Details and explanations are provided○ Writing conveys "voice" (the writer's personality, attitude & character)○ Language is clear and varied	<p>Reasoning & Analyzing</p> <ul style="list-style-type: none">○ Explains reasoning○ Supports a solution by showing work <p>Understanding & Solving</p> <ul style="list-style-type: none">○ Understands math concepts○ Chooses appropriate strategies to solve problems <p>Communicating & Representing</p> <ul style="list-style-type: none">○ Explains a solution○ Organizes math ideas clearly

A young girl with dark hair in a bun, wearing a pearl earring and a light pink shirt, is sitting at a desk in a classroom. She is holding an orange pencil and writing in a notebook. In the background, other students are also working at their desks. The scene is brightly lit, suggesting a sunny day.

Foundation Skills Assessment

The First Two
of Five Provincial
Assessments

FSA Participation Rates



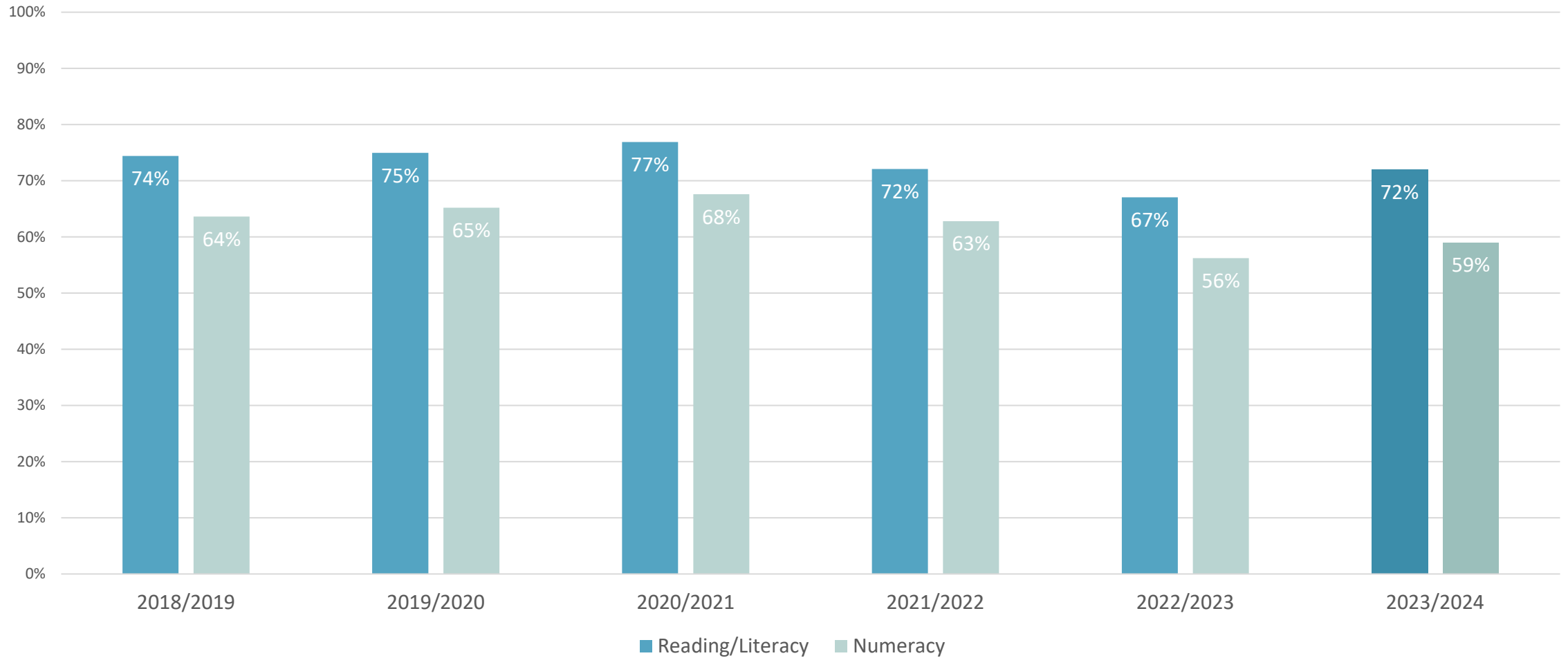
FSA Student Count

Literacy and Numeracy (Grades 4 & 7)

School Year	Total Number of Participating Students	Percentage
2018/2019	6,832	62%
2019/2020	6,590	59%
2020/2021	4,578	40%
2021/2022	4,976	44%
2022/2023	5,040	44%
2023/2024	9,246	79%

Grade 4 & 7 Participating Students

On Track and Extending – Over Time

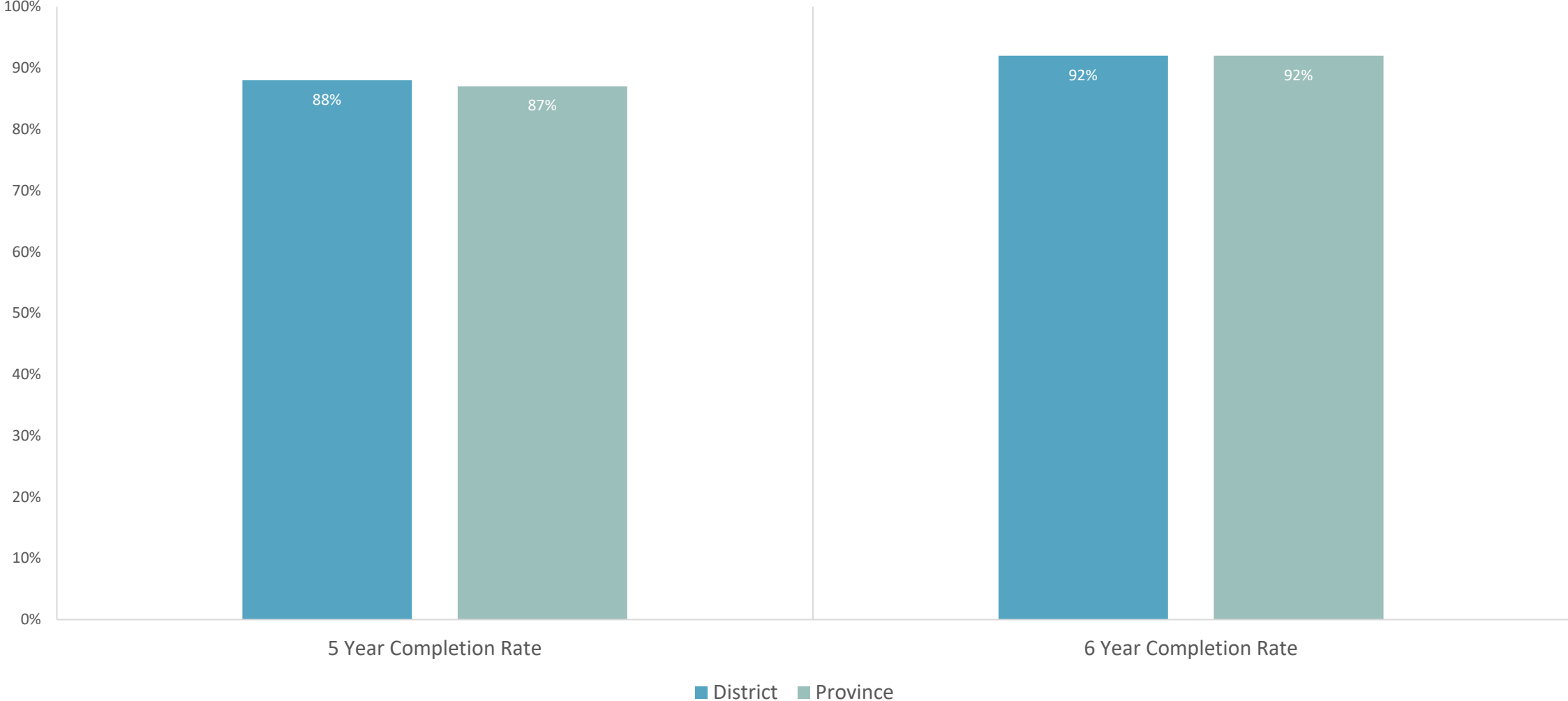




Graduation Assessments

Measuring the Application of
Numeracy and Literacy Skills in
Real World Situations

Graduation Completion Rates



Graduation Assessment Requirements

Literacy Assessment 10	Numeracy Assessment 10	Literacy Assessment 12
<ul style="list-style-type: none">○ Can students critically analyze and make meaning from diverse texts?<ul style="list-style-type: none">• Newspaper articles, online opinion blogs, social media feeds, websites, maps, charts, graphs, tables, infographics○ Can students demonstrate their understanding of "big ideas" from a range of disciplines and perspectives?<ul style="list-style-type: none">• Language Arts, Science, Social Studies, and Math	<p>Based on mathematical concepts learned from Kindergarten to Grade 10 (with emphasis on K – 9), can students solve problems by using 5 numeracy processes in various real-world contexts?</p> <ul style="list-style-type: none">○ Interpreting○ Applying○ Solving○ Analyzing○ Communicating	<p>Critically Thinking about Texts</p> <ul style="list-style-type: none">○ Can students analyze and make meaning from texts about a key issue?○ Can students communicate their understanding in a graphic organizer and multi-paragraph response? <p>Going Beyond the Texts</p> <ul style="list-style-type: none">○ Can students apply their literacy skills to a different key issue and communicate their personal interpretation and insights in an extended written response?

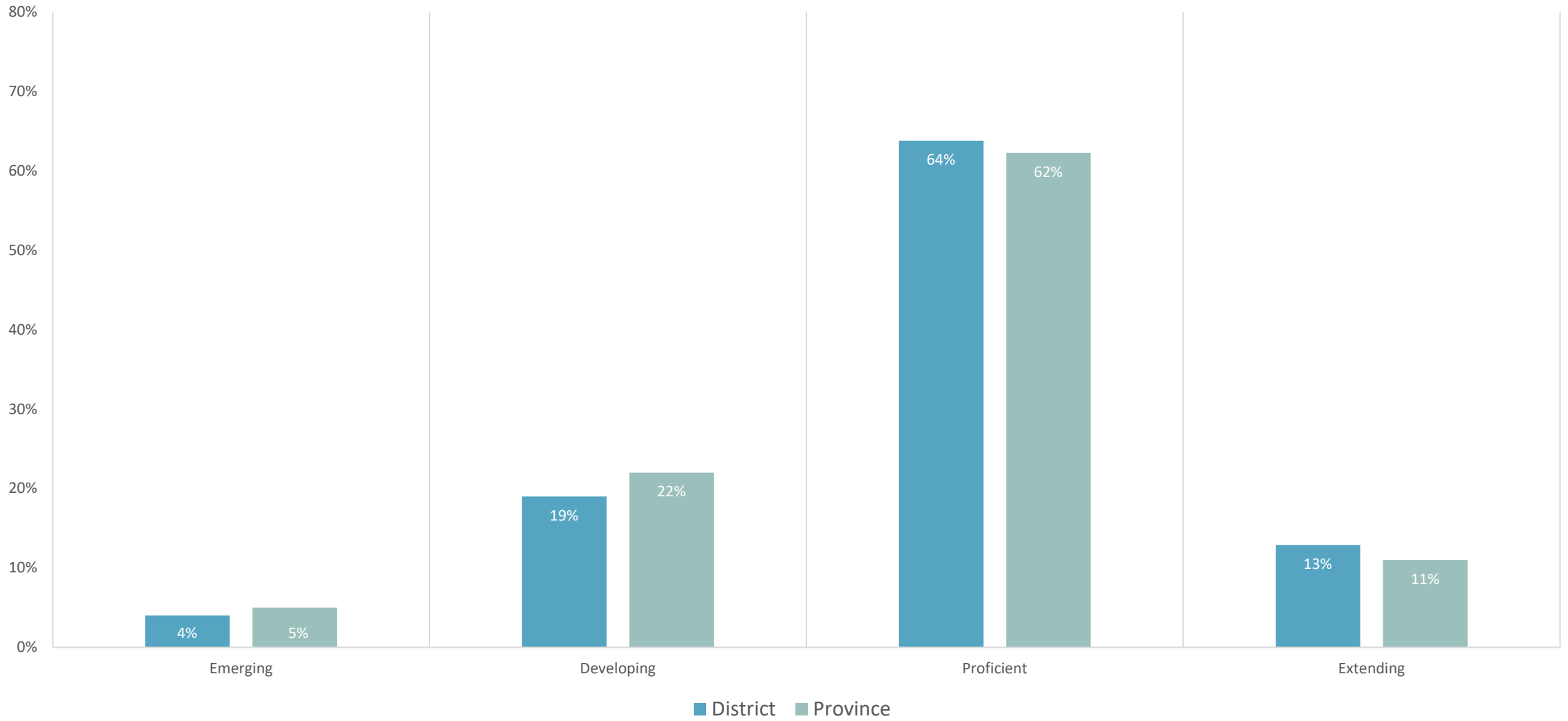


Literacy & Numeracy Results

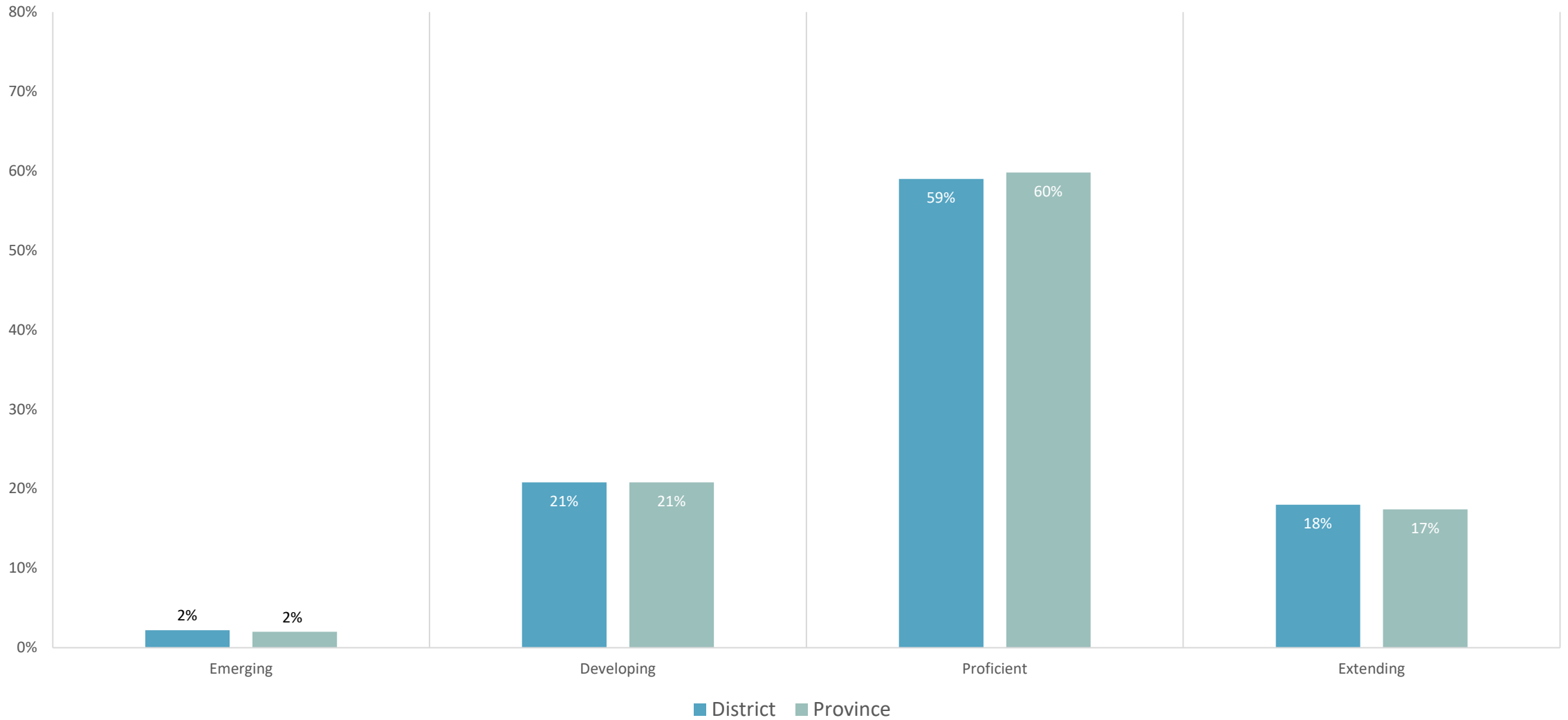
2022/23



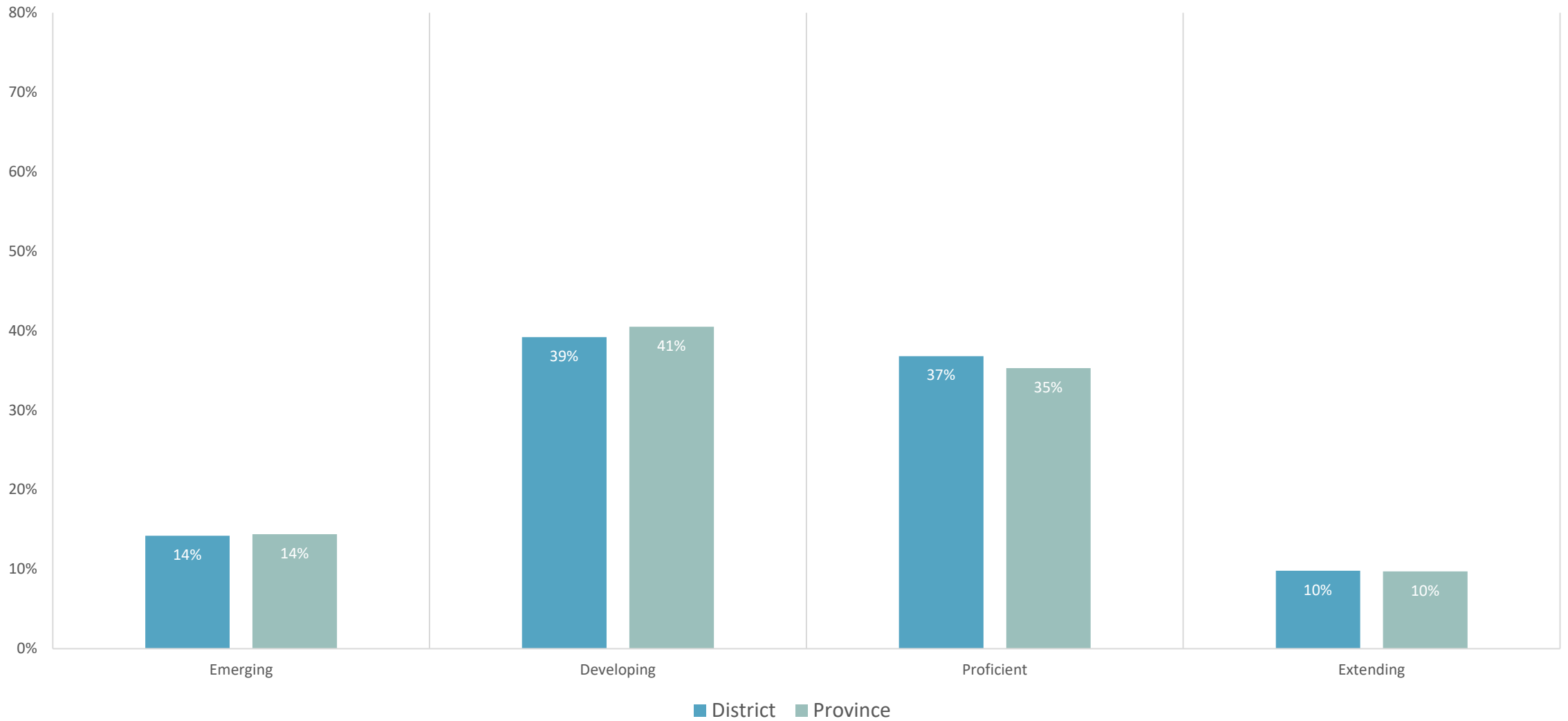
2022/2023 Grade 10 Literacy Proficiency Rate



2022/2023 Grade 12 Literacy Proficiency Rate



2022/2023 Grade 10 Numeracy Proficiency Rate

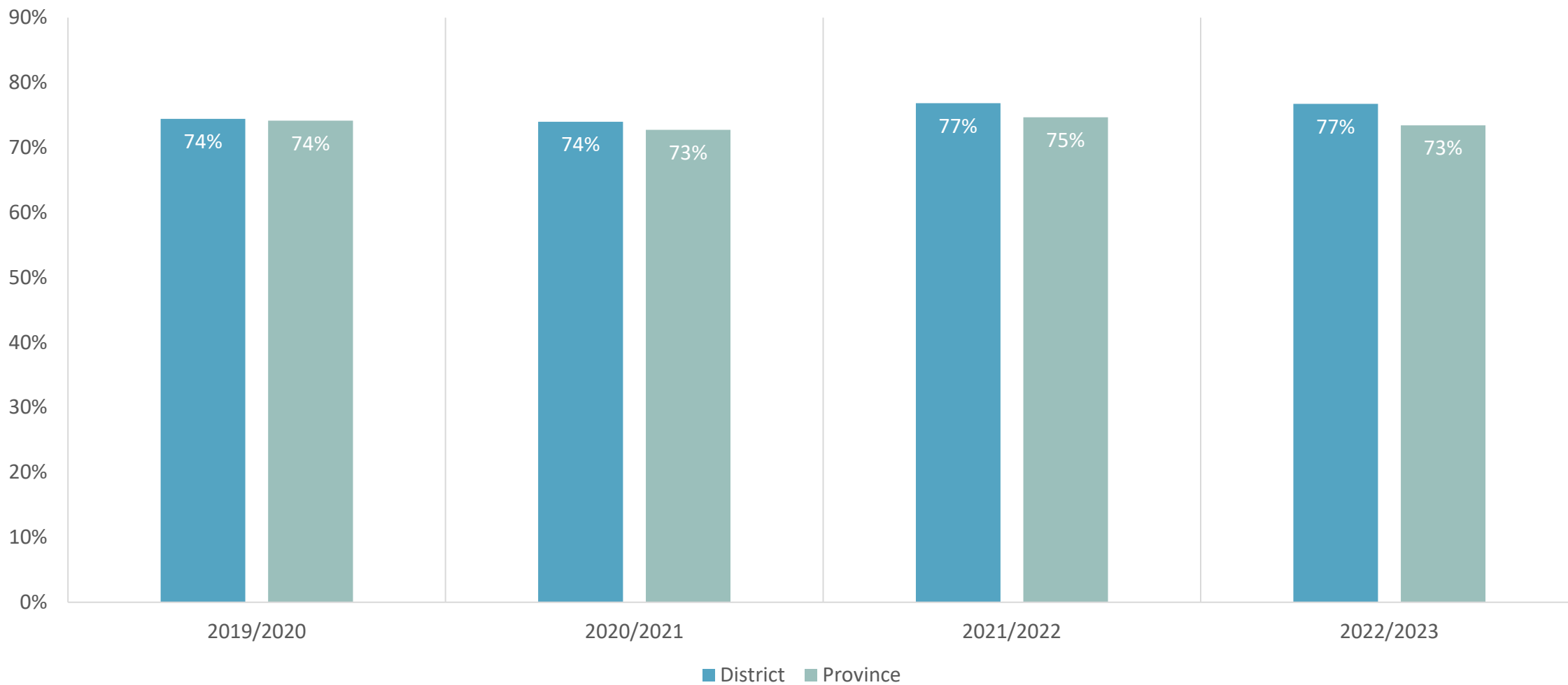




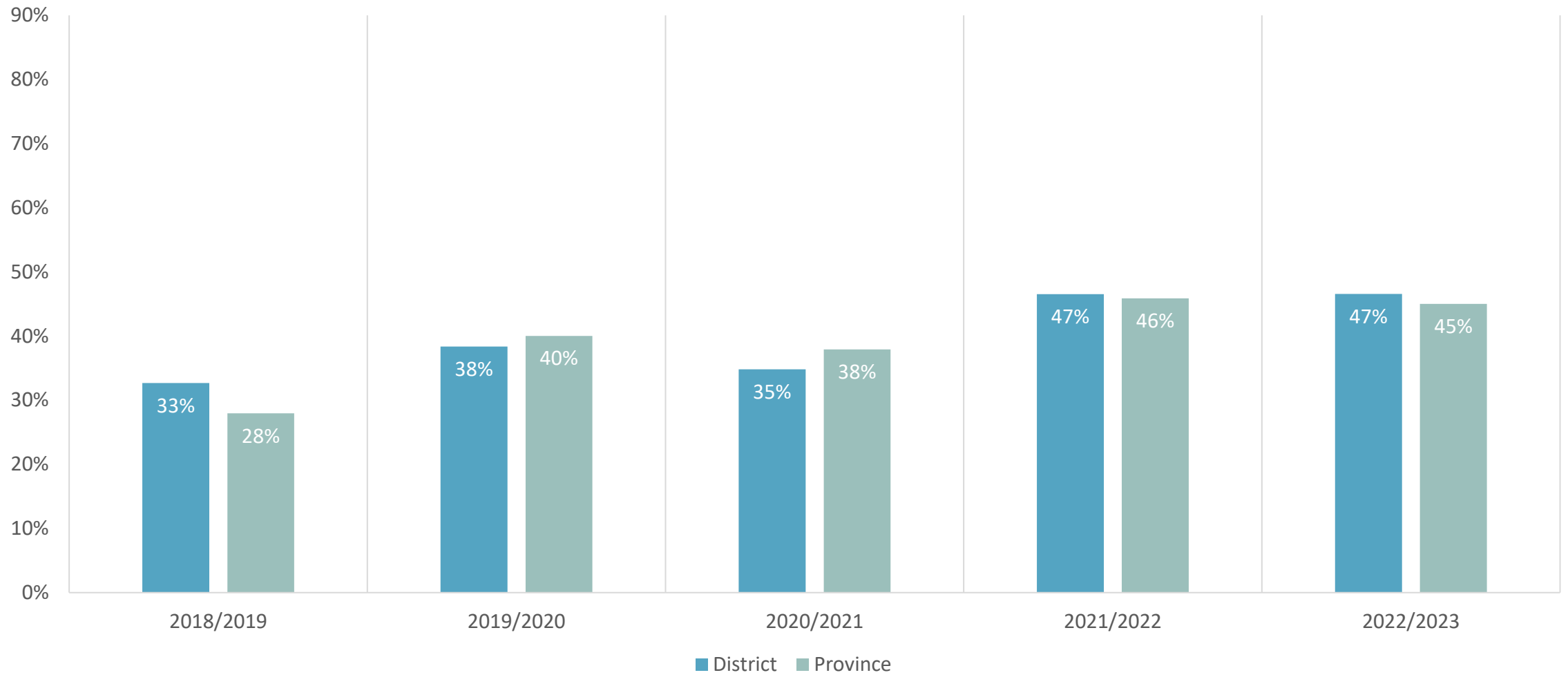
Literacy & Numeracy Trends Over Time



Grade 10 Literacy On Track and Extending Proficiency Rates (%)

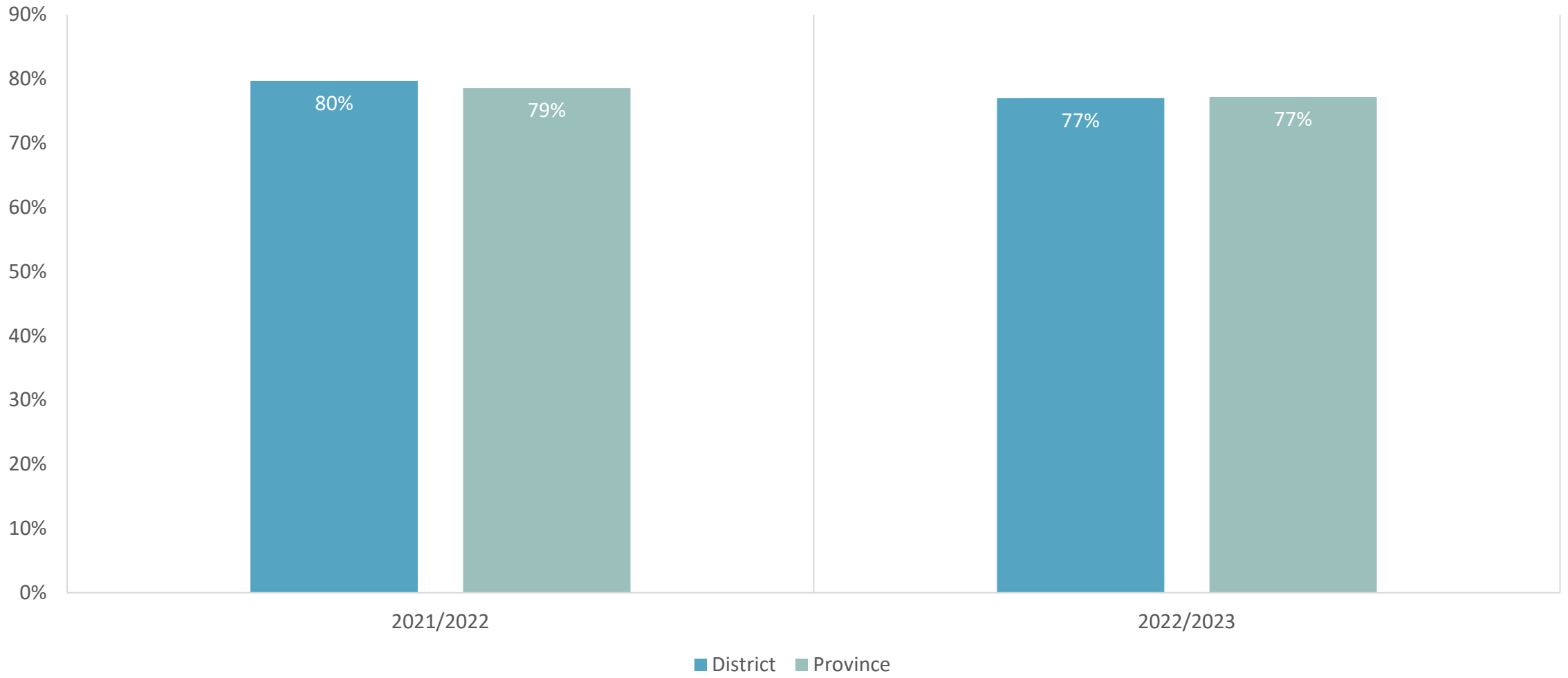


Grade 10 Numeracy On Track and Extending Proficiency Rates (%)



Grade 12 Literacy

On Track and Extending Proficiency Rates (%)



PISA

Programme for International Student Assessment

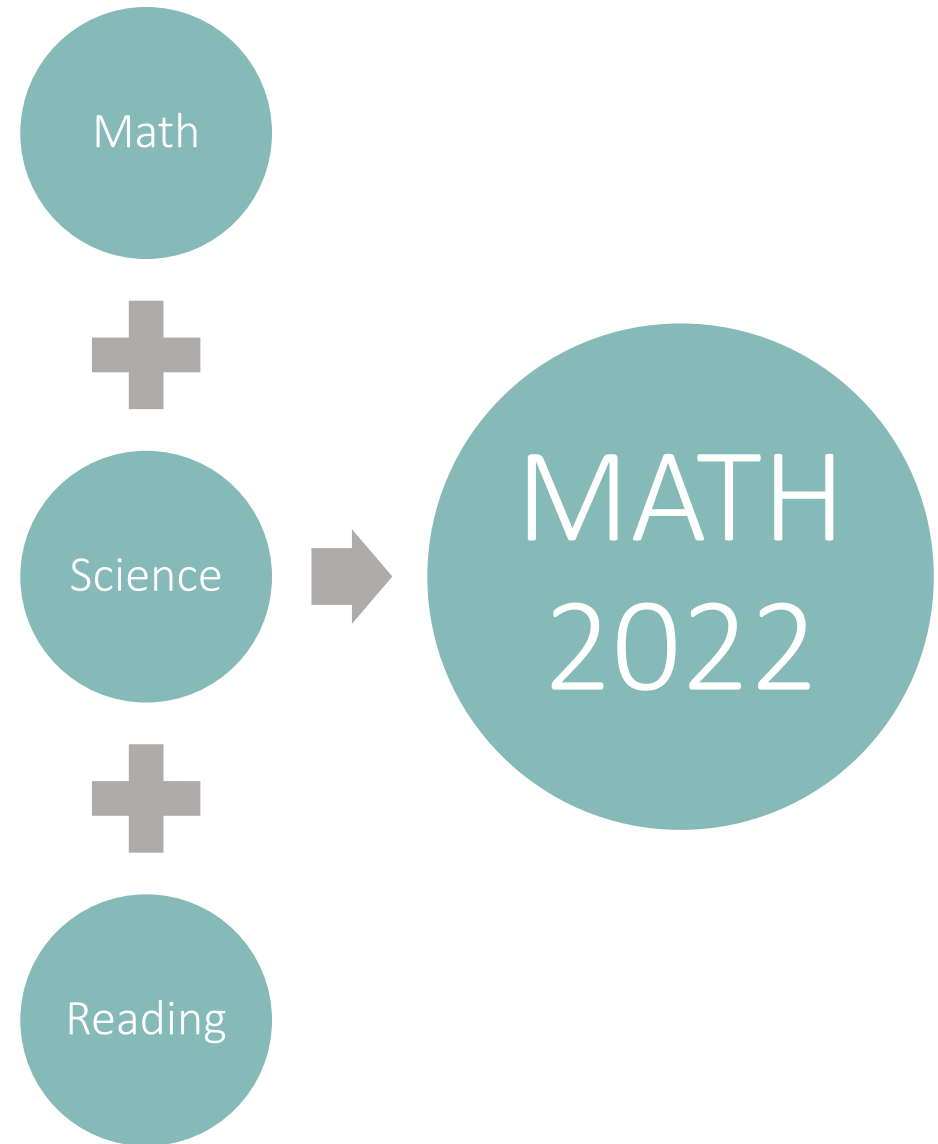


PISA

81 countries

690,000 students
(15 years old)

Every 3 years



Like BC's grad assessments, PISA assesses not just students' ability to reproduce learning material, but also their capacity to ...

- Apply knowledge creatively in novel scenarios
- Think critically across disciplines
- Demonstrate use of effective learning strategies.



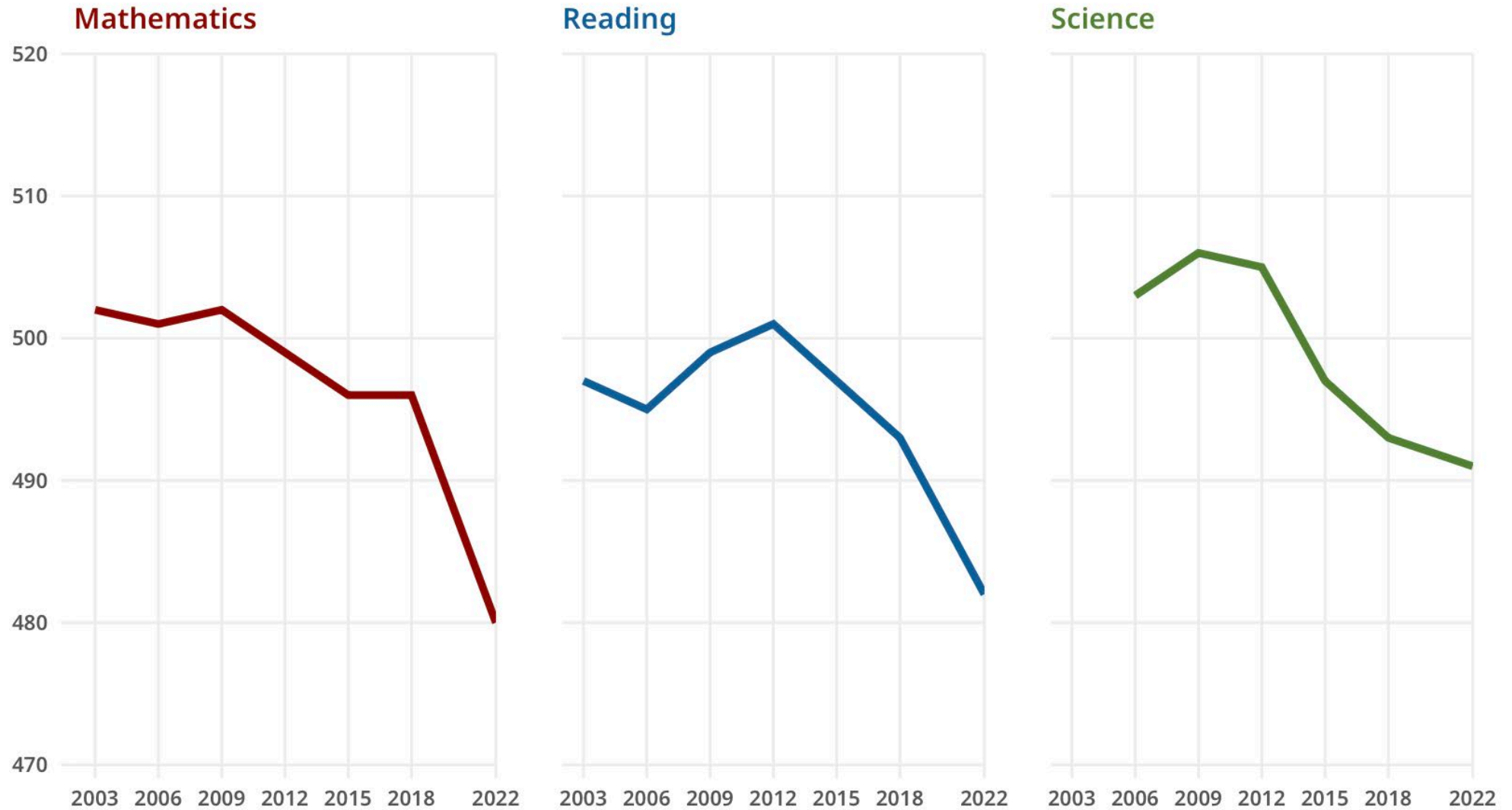
Global Trend

- Unprecedented decline in 2022
- 25% of 15-year-olds in OECD countries are estimated to be low performers in math, reading and science



Trends in mathematics, reading and science performance

PISA test scores, OECD average



Top 10

Above the OECD Average

Mathematics	Reading	Science
Singapore	Singapore	Singapore
Macao (China)	Ireland	Japan
Chinese Taipei	Japan	Macao (China)
Hong Kong (China)	Korea	Chinese Taipei
Japan	Chinese Taipei	Korea
Korea	Estonia	Estonia
Estonia	Macao (China)	Hong Kong (China)
Switzerland	Canada	Canada
Canada	United States	Finland
Netherland	New Zealand	Australia



District Supports

Professional Learning

- Critical Thinking and Problem Solving
- Explicit Instruction of Reading Comprehension Strategies
- Mathematical Reasoning
- Literacy Across Subjects
- Interdisciplinary Connections
- Designing Authentic Assessments

Evidence-Informed Decision Making

- Implementing systems that focus on identifying students' areas of need and adjusting instruction accordingly

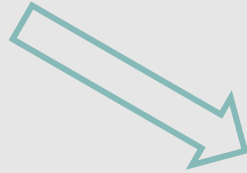
Technology Integration

- Surrey Schools ONE - Leveraging technology to enhance literacy and numeracy instruction
- Digital Learning Resources

Professional Learning Opportunities

2023 – 24

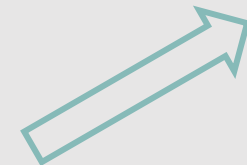
Literacy



Numeracy



Student Well-Being





Thank
You!