

## **HALIFAX REGIONAL SCHOOL BOARD**

### **Release of Provincial Assessment Results**

**PURPOSE:** To provide the Governing Board with an overview of the recently released provincial assessment results in Mathematics and Literacy.

**BACKGROUND:** Nova Scotia Assessments are administered in the fall for elementary schools and in the spring for junior high schools. Nova Scotia Examinations (NSE) at grade 10 are administered at the end of the semester or at the end of the school year, depending on the examination.

Program assessments are developed and administered to determine the effectiveness of curriculum delivery and to assist students in achieving the outcomes. They provide government and school boards with student achievement information for education decision making and, at the same time, help teachers to understand assessment principles and practices.

Nova Scotia teachers worked with the Department of Education and Early Childhood Development to build these assessments, and to set the assessment expectations; which is what students should know and be able to do on their own at key stages.

**CONTENT:** The following provincial assessment results will be shared:

- Reading and Writing in Grade 3
- Mathematics in Grade 4
- Reading, Writing and Mathematics in Grade 6
- Reading and Mathematics in Grade 8
- NSE English 10
- NSE Mathematics 10 and Mathematics 10 at Work

In terms of the grades 3, 4 and 6 results Halifax Regional School Board (HRSB) has performed at or above the provincial results for 2015-16. In relation to trends over time, most of the board's results have stayed consistently above the provincial result over three years.

In relation to the grade 8 results Reading and Mathematics has performed at or above the provincial results for 2014-15. In relation to trends over time, the mathematics and reading results for HRSB in grade 8 have stayed consistently above the provincial result over three years.

The Nova Scotia examination results in grade 10 were released for the first time this year (from the 2014-15 school year). HRSB performed above the provincial results in English 10 and Mathematics 10, however came under the provincial result in Mathematics at Work 10.

Board members can expect staff to report a deeper analysis and presentation of this data at a future board meeting this school year. This report will include, where possible, the results disaggregated by ancestry. The HRSB has been presenting provincial assessment results for students who self-identified as African Descent since 2013-14 and for students who self-identified as Aboriginal Identity since the 2014-15 school year. How the HRSB has responded to these results will also be included in the upcoming report.

**COST:** N/A

**FUNDING:** N/A

**TIMELINE:** On-going

**APPENDIX A:** Provincial Assessment Results in Literacy and Mathematics

**RECOMMENDATION:** It is recommended that the Governing Board receive the Release of the Provincial Assessment Results for information.

**COMMUNICATIONS:**

AUDIENCE	RESPONSIBLE	TIMELINE
Governing Board	Alison King	Jan 27, 2016

**From:** Heather Syms, Coordinator, Program [hsyms@hrsb.ca](mailto:hsyms@hrsb.ca)  
Alison King, Director, Program [aking@hrsb.ca](mailto:aking@hrsb.ca)

**To:** Governing Board - January 27, 2016

**APPENDIX A:  
PROVINCIAL ASSESSMENT RESULTS  
IN LITERACY AND MATHEMATICS**

2014-15 Grade 8 & Grade 10 Results  
2015-16 Grade 3, Grade 4 & Grade 6 Results

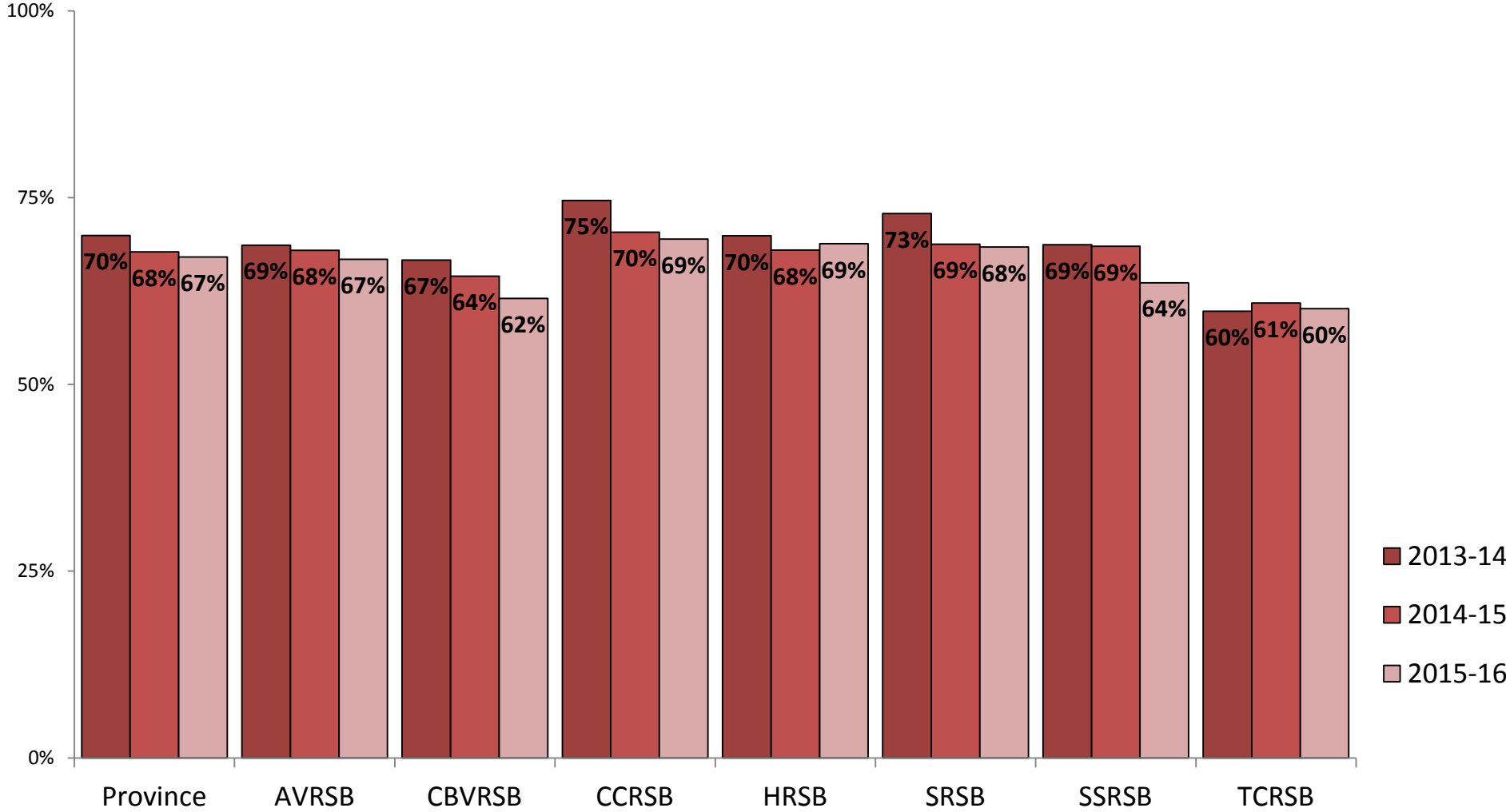
January 27, 2016

2015-2016 Nova Scotia Assessment:

# **READING & WRITING IN GRADE 3**

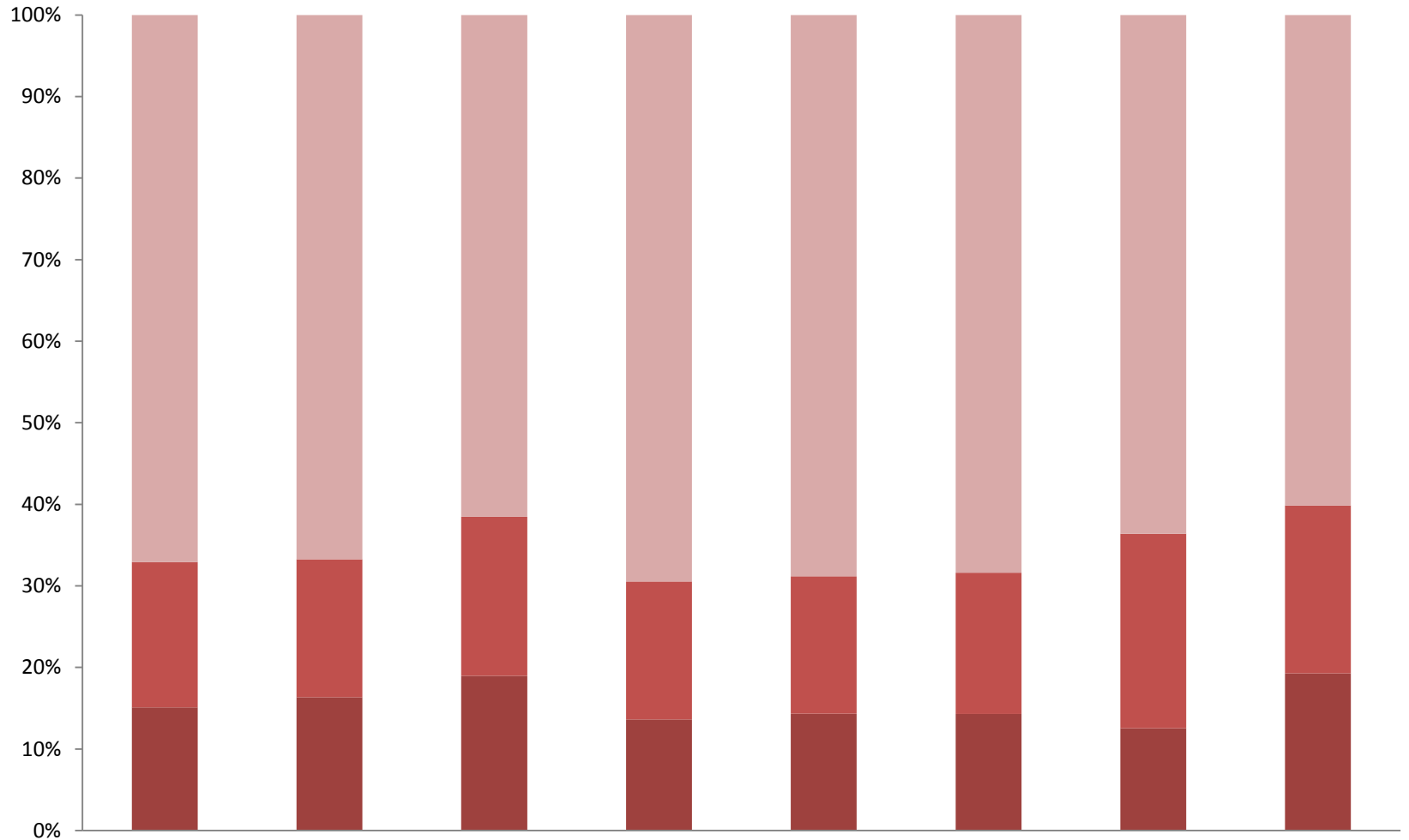
# 2015-16 Nova Scotia Assessment: READING in Grade 3

## Percentage of students at expectation



# 2015-16 Nova Scotia Assessment: READING in Grade 3

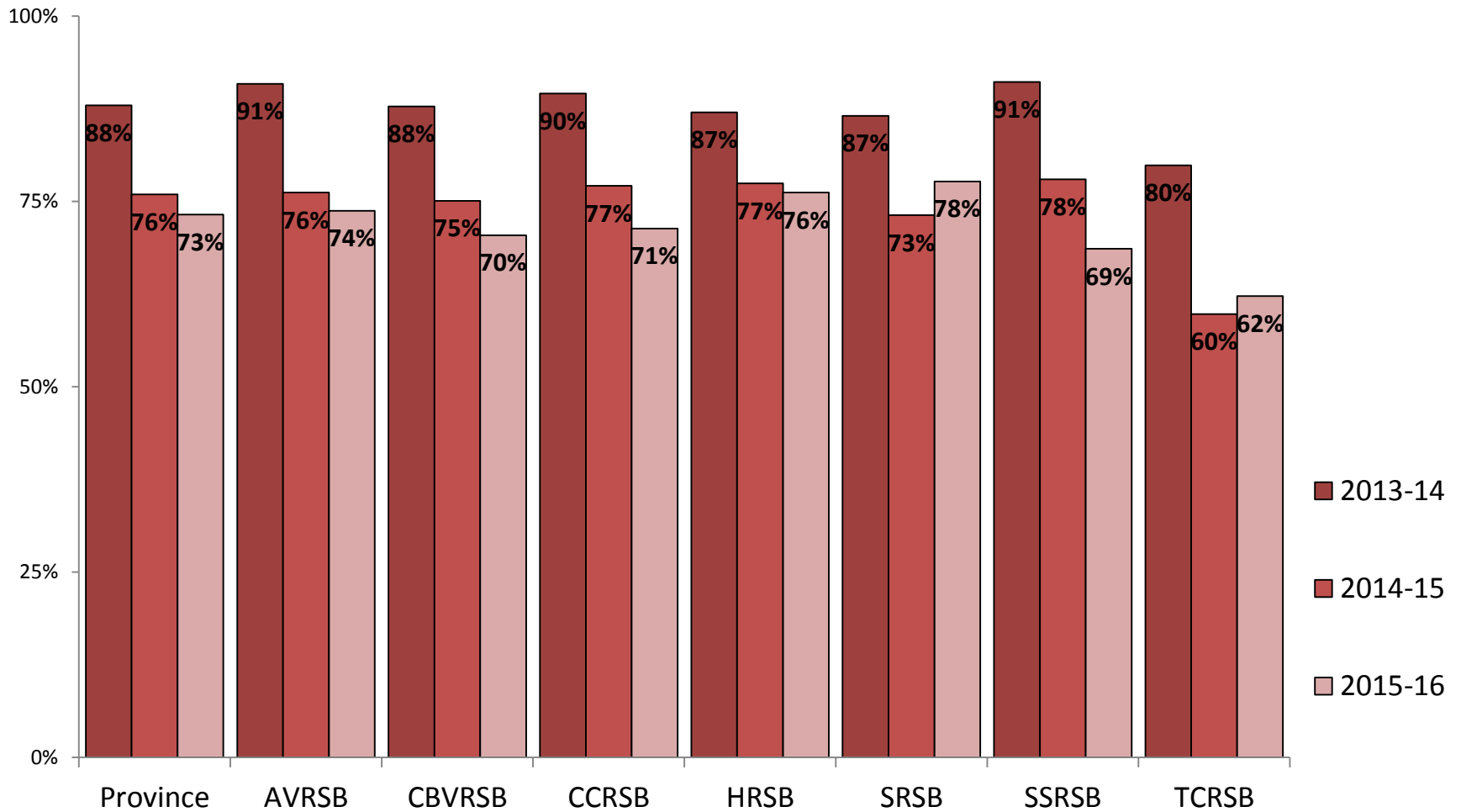
## Percentage of students at each performance level



At Expectation	67%	67%	62%	69%	69%	68%	64%	60%
Approaching	18%	17%	20%	17%	17%	17%	24%	21%
Below	15%	16%	19%	14%	14%	14%	13%	19%

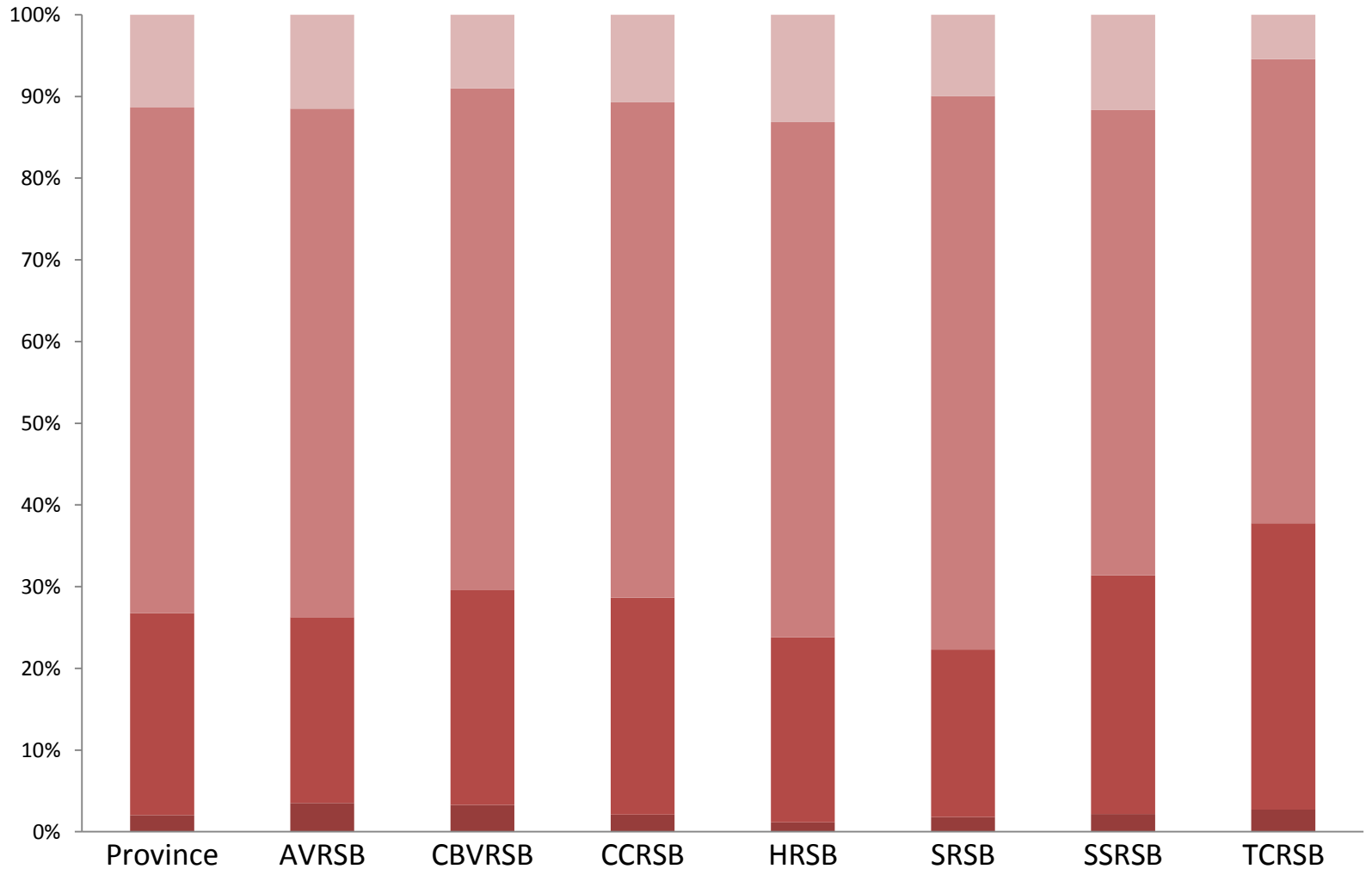
# 2015-16 Nova Scotia Assessment: Writing - IDEAS in Grade 3

## Percentage of students at or above the assessment expectation



# 2015-16 Nova Scotia Assessment: Writing - IDEAS in Grade 3

## Percentage of students at each performance level

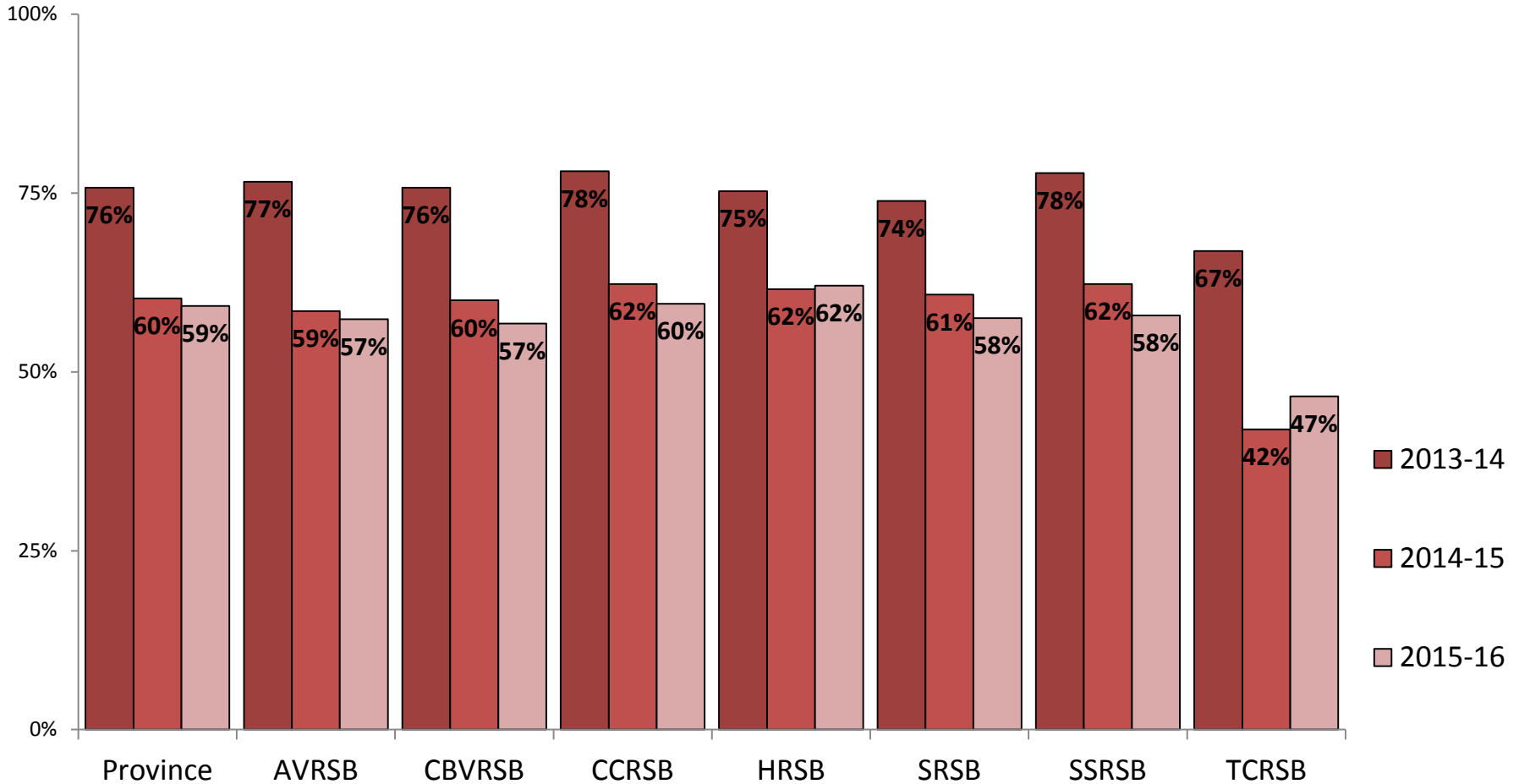


	Province	AVRSB	CBVRSB	CCRSB	HRSB	SRSB	SSRSB	TCRSB
Above Expectation	11%	12%	9%	11%	13%	10%	12%	5%
At Expectation	62%	62%	61%	61%	63%	68%	57%	57%
Approaching	25%	23%	26%	27%	23%	20%	29%	35%
Below	2%	4%	3%	2%	1%	2%	2%	3%



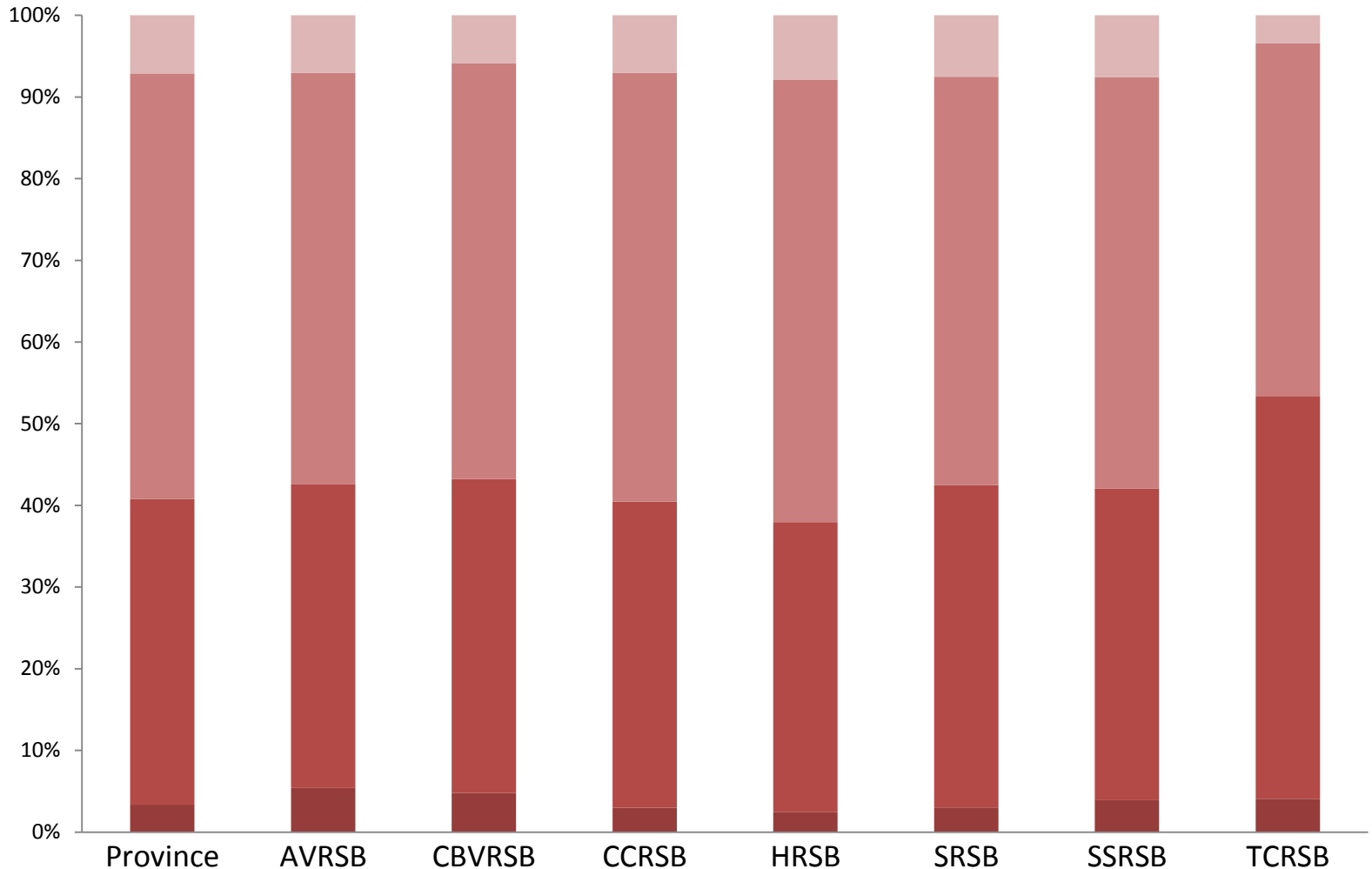
# 2015-16 Nova Scotia Assessment: Writing - ORGANIZATION in Grade 3

## Percentage of students at or above the assessment expectation



# 2015-16 Nova Scotia Assessment: Writing - ORGANIZATION in Grade 3

## Percentage of students at each performance level



■ Above Expectation

7%

7%

6%

7%

8%

8%

8%

3%

■ At Expectation

52%

50%

51%

53%

54%

50%

50%

43%

■ Approaching

37%

37%

38%

37%

35%

39%

38%

49%

■ Below

3%

5%

5%

3%

2%

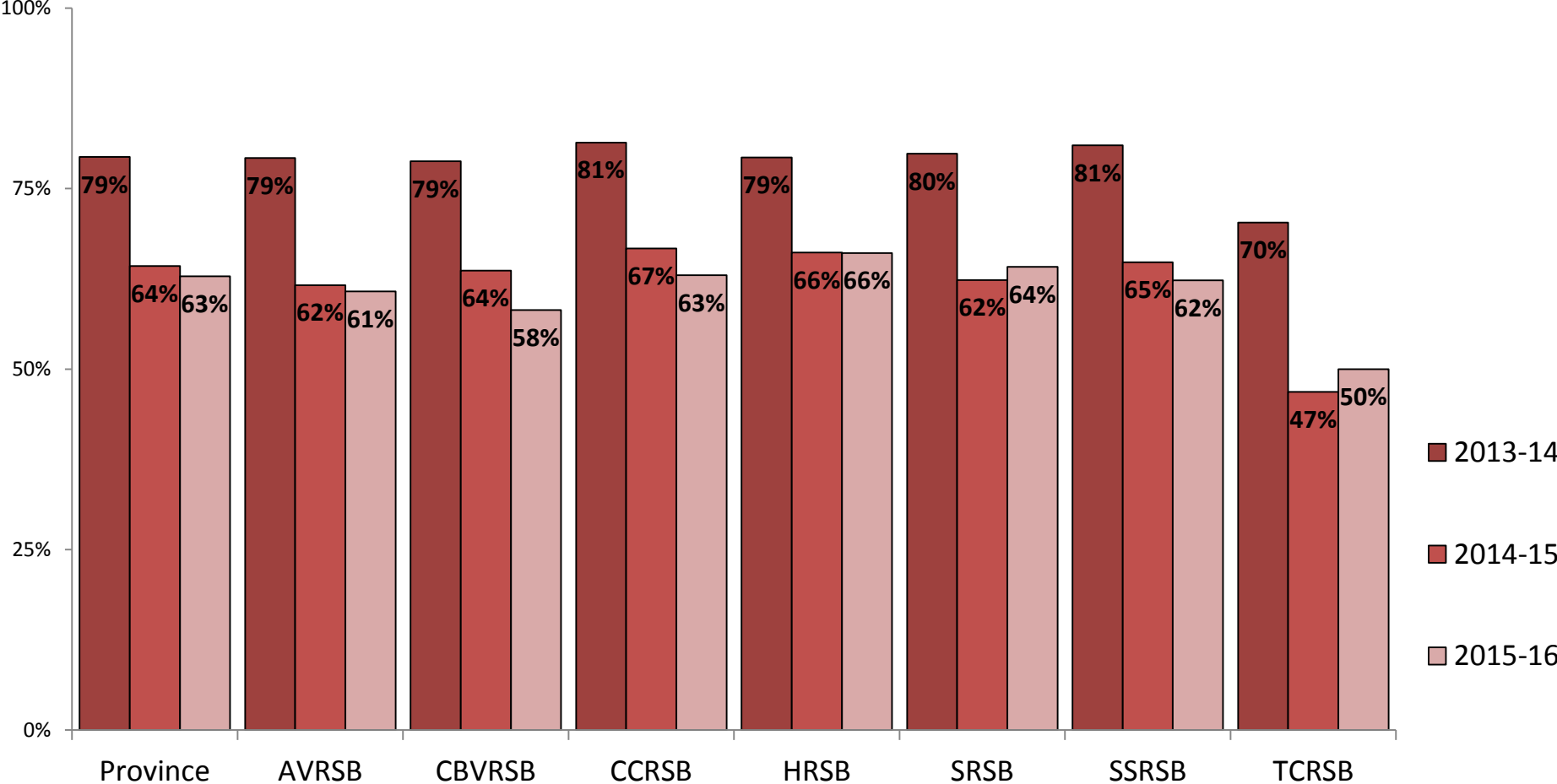
3%

4%

4%

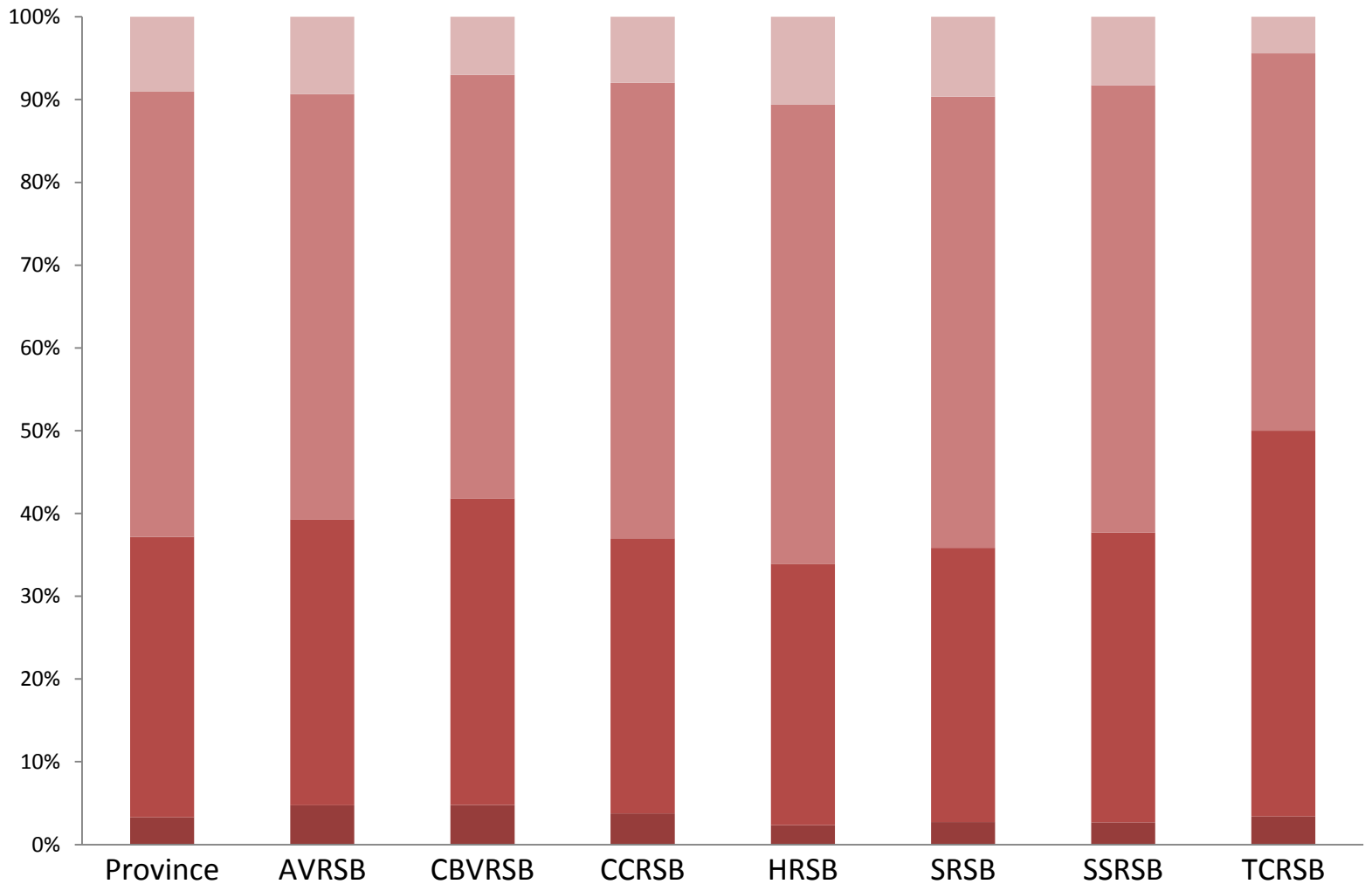
# 2015-16 Nova Scotia Assessment: Writing - LANGUAGE USE in Grade 3

## Percentage of students at or above the assessment expectation



# 2015-16 Nova Scotia Assessment: Writing - LANGUAGE USE in Grade 3

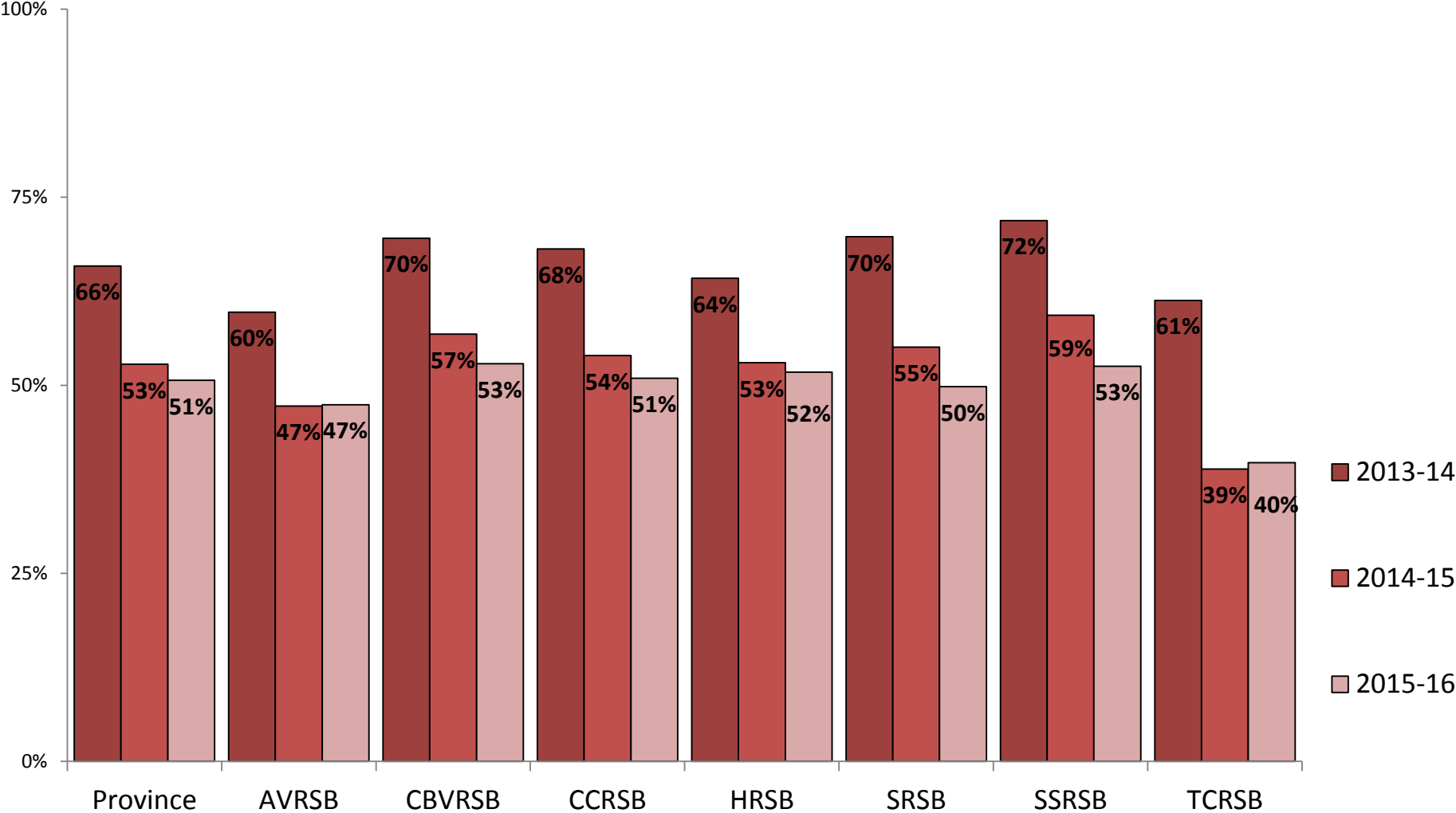
## Percentage of students at each performance level



■ Above Expectation	9%	9%	7%	8%	11%	10%	8%	4%
■ At Expectation	54%	51%	51%	55%	55%	55%	54%	46%
■ Approaching	34%	35%	37%	33%	32%	33%	35%	47%
■ Below	3%	5%	5%	4%	2%	3%	3%	3%

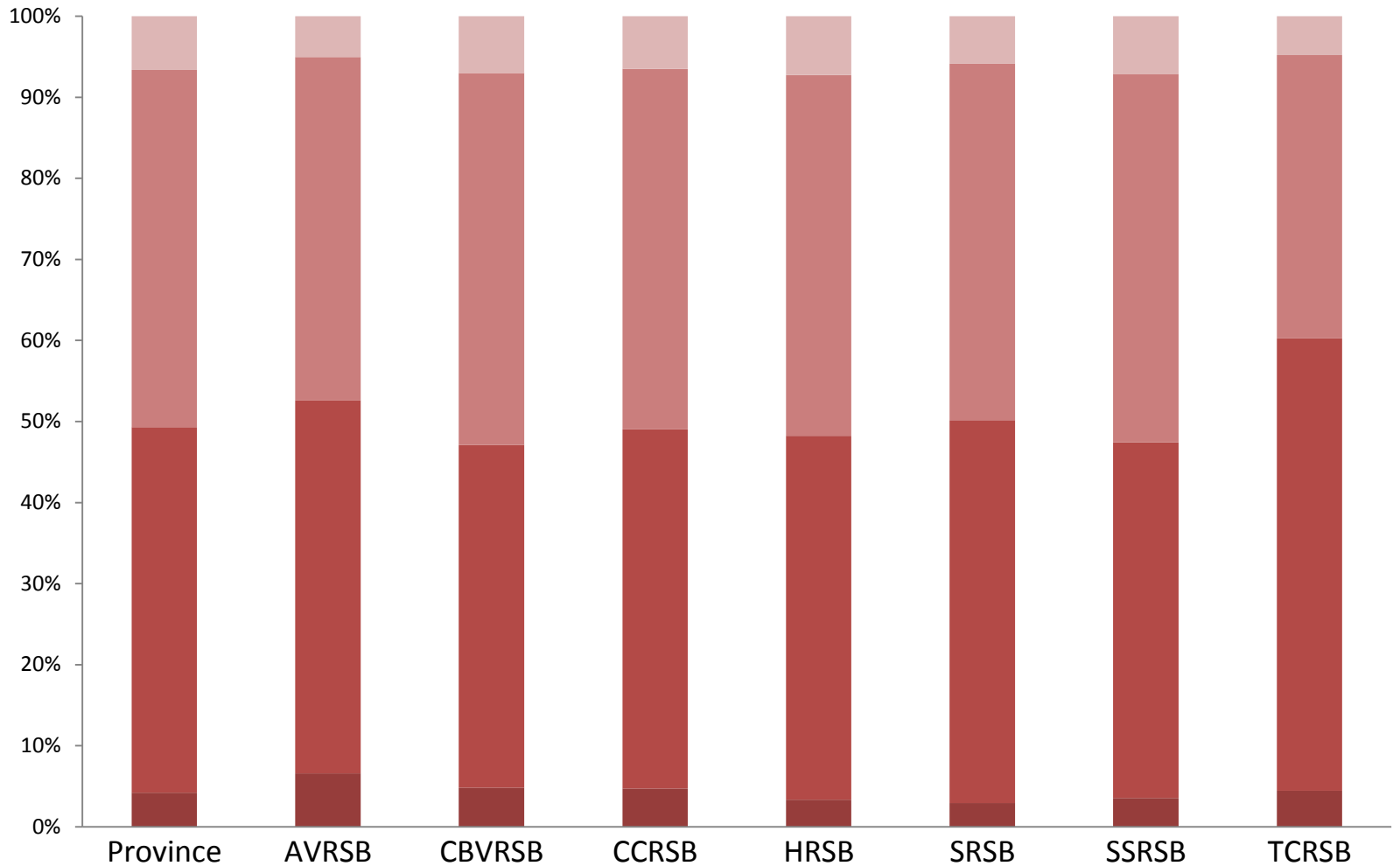
# 2015-16 Nova Scotia Assessment: Writing - CONVENTIONS in Grade 3

## Percentage of students at or above the assessment expectation



# 2015-16 Nova Scotia Assessment: Writing - CONVENTIONS in Grade 3

## Percentage of students at each performance level



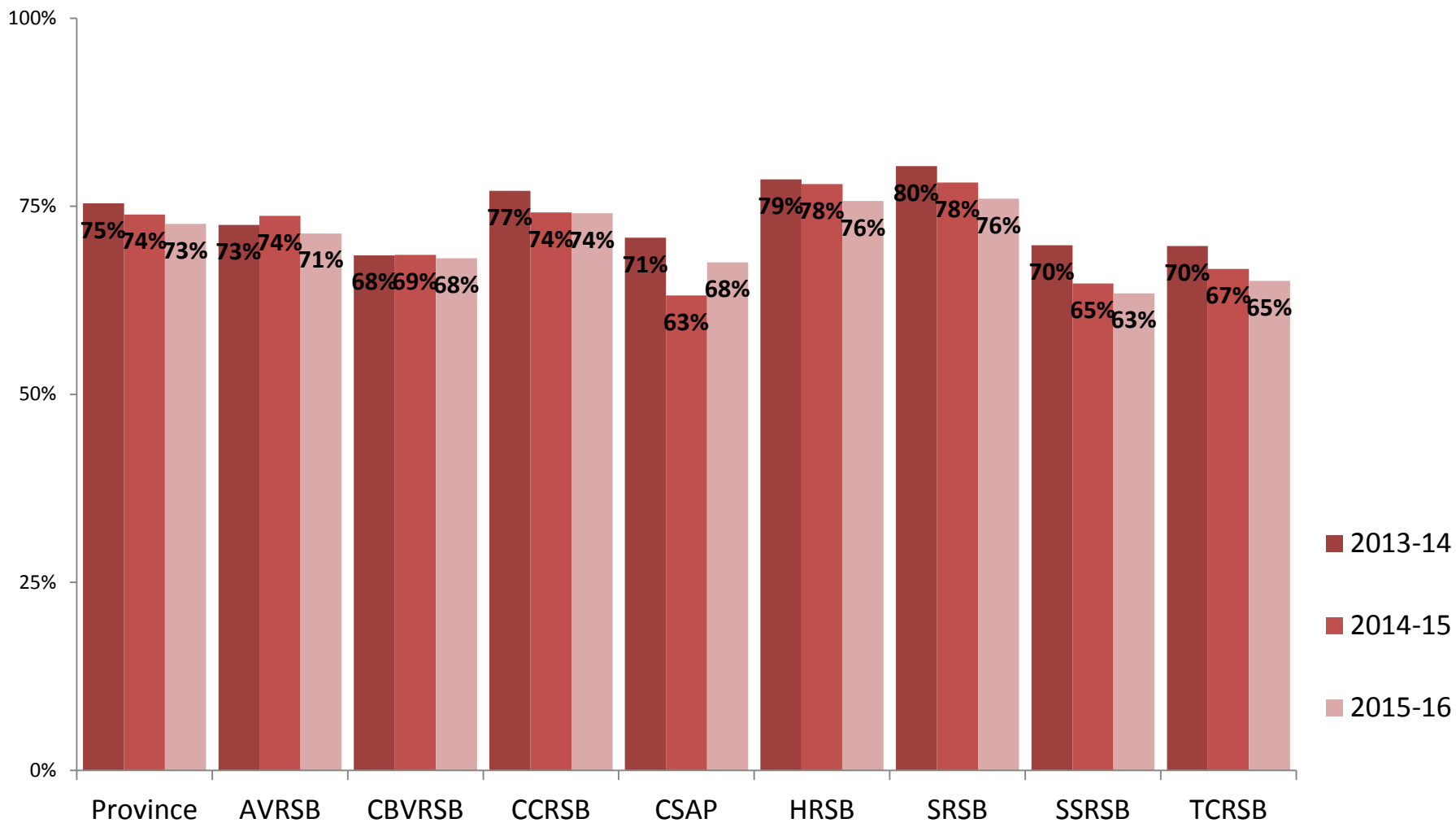
■ Above Expectation	7%	5%	7%	6%	7%	6%	7%	5%
■ At Expectation	44%	42%	46%	44%	45%	44%	45%	35%
■ Approaching	45%	46%	42%	44%	45%	47%	44%	56%
■ Below	4%	7%	5%	5%	3%	3%	4%	4%

2015-2016 Nova Scotia Assessment:

# **READING & WRITING IN GRADE 6**

# 2015-16 Nova Scotia Assessment: READING in Grade 6

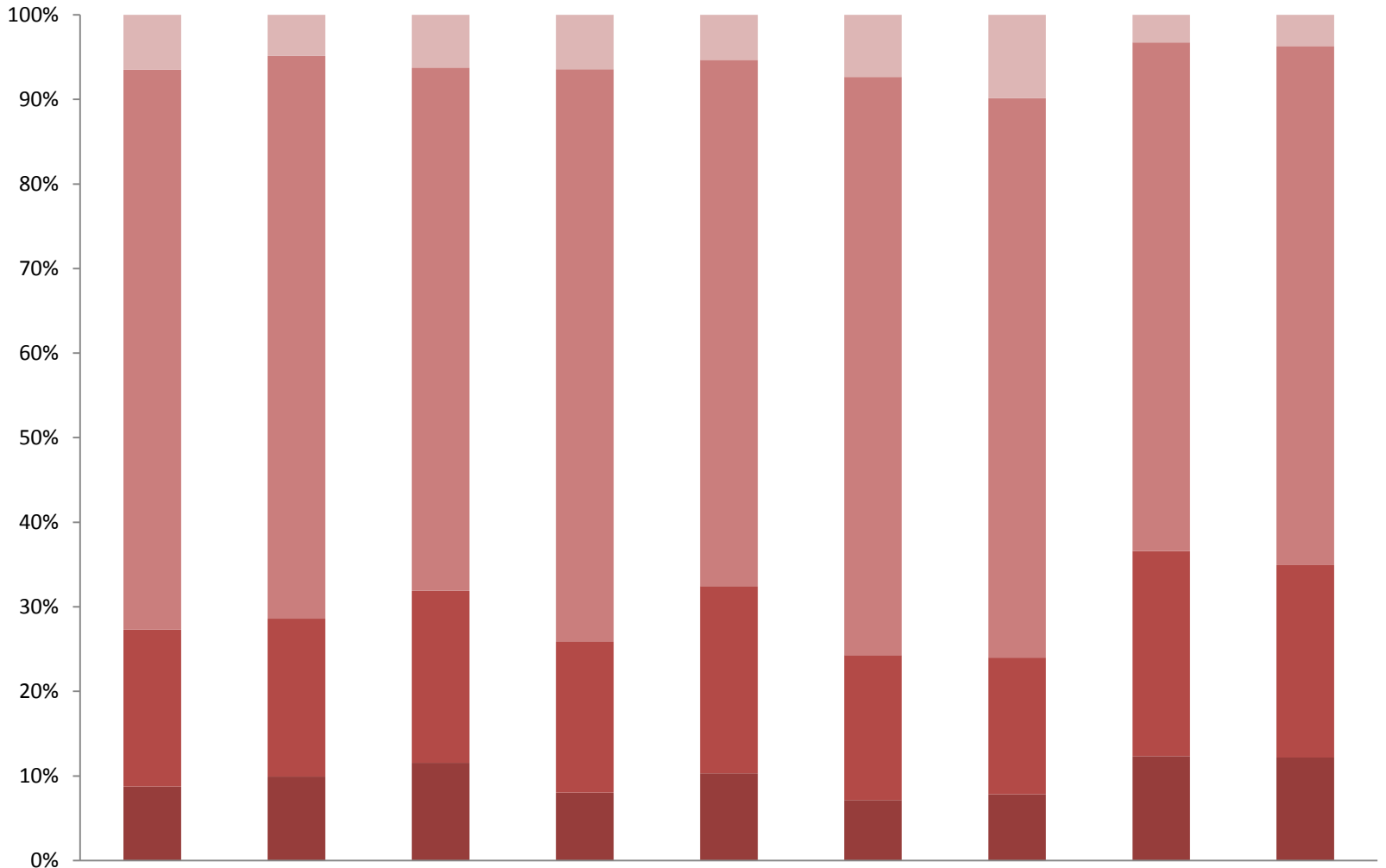
## Percentage of students at or above the assessment expectation





# 2015-16 Nova Scotia Assessment: READING in Grade 6

## Percentage of students at each performance level

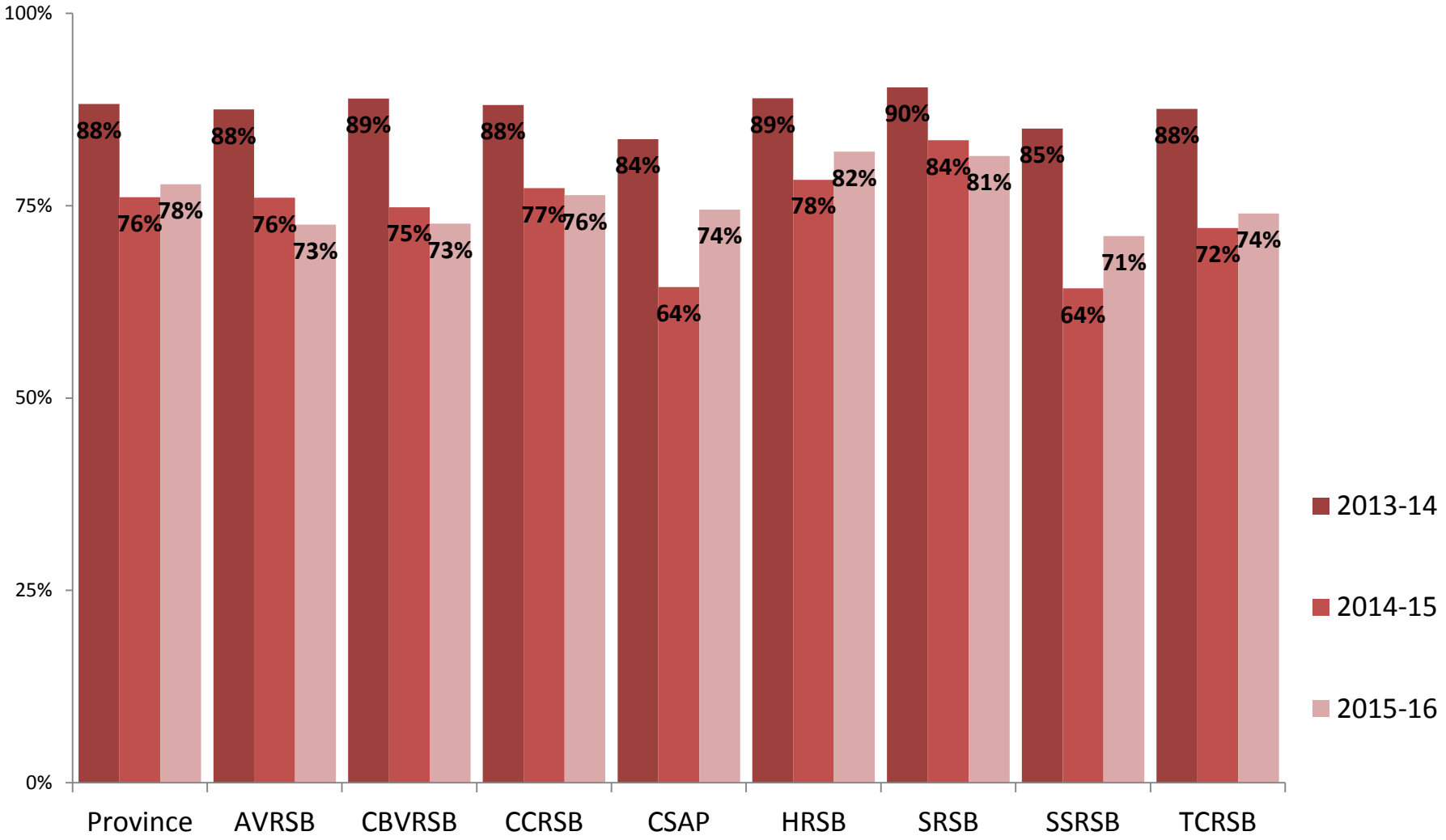


Above Expectation  
 At Expectation  
 Approaching  
 Below

	Province	AVRSB	CBVRSB	CCRSB	CSAP	HRSB	SRSB	SSRSB	TCRSB
Above Expectation	6%	5%	6%	6%	5%	7%	10%	3%	4%
At Expectation	66%	67%	62%	68%	62%	68%	66%	60%	61%
Approaching	19%	19%	20%	18%	22%	17%	16%	24%	23%
Below	9%	10%	12%	8%	10%	7%	8%	12%	12%

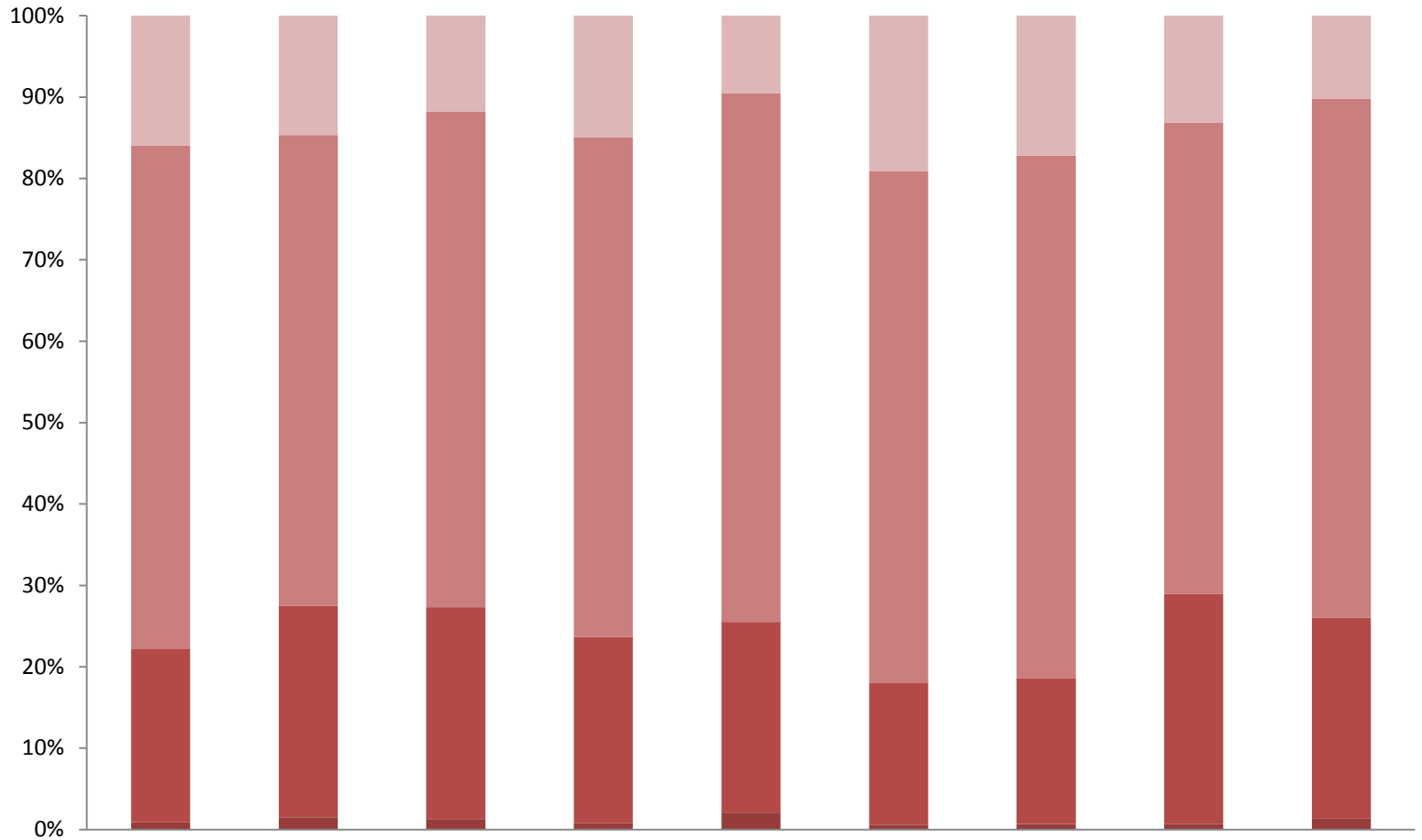
# 2015-16 Nova Scotia Assessment: Writing - IDEAS in Grade 6

## Percentage of students at or above the assessment expectation



## 2015-16 Nova Scotia Assessment: Writing - IDEAS in Grade 6

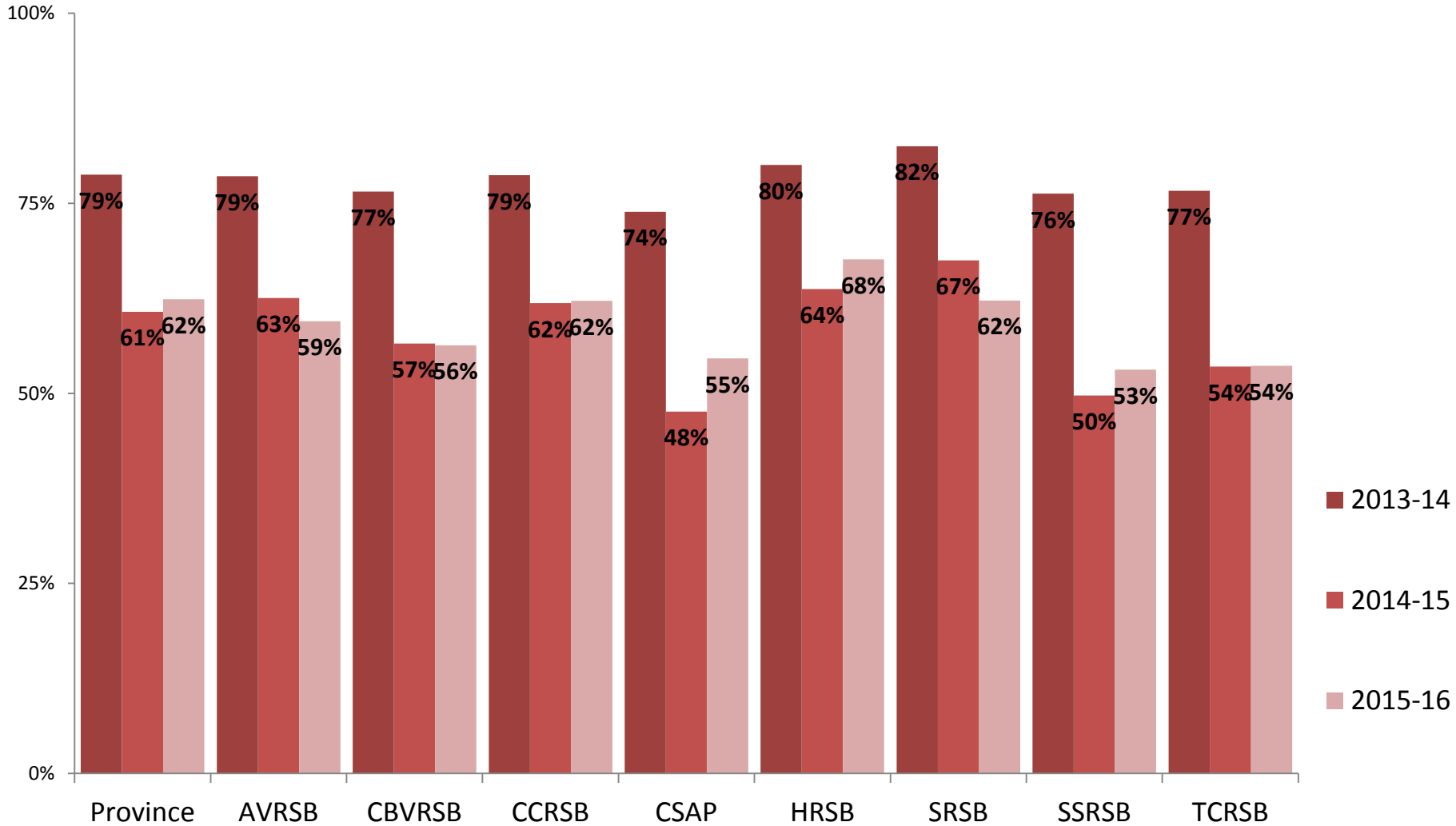
### Percentage of students at each performance level



	Province	AVRSB	CBVRSB	CCRSB	CSAP	HRSB	SRSB	SSRSB	TCRSB
Above Expectation	16%	15%	12%	15%	9%	19%	17%	13%	10%
At Expectation	62%	58%	61%	61%	65%	63%	64%	58%	64%
Approaching	21%	26%	26%	23%	23%	17%	18%	28%	25%
Below	1%	2%	1%	1%	2%	1%	1%	1%	1%

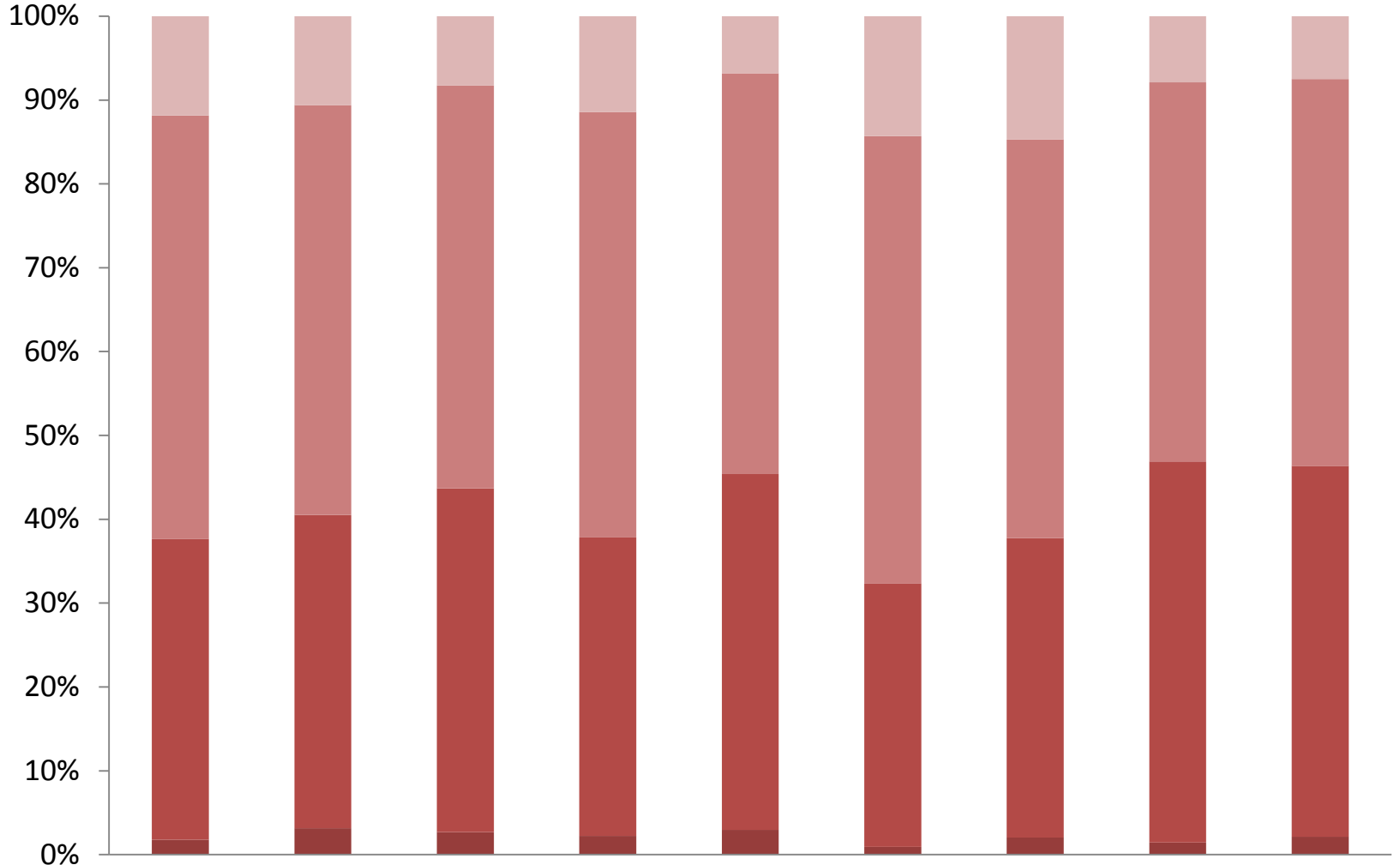
# 2015-16 Nova Scotia Assessment: Writing - ORGANIZATION in Grade 6

## Percentage of students at or above the assessment expectation



# 2015-16 Nova Scotia Assessment: Writing - ORGANIZATION in Grade 6

## Percentage of students at each performance level

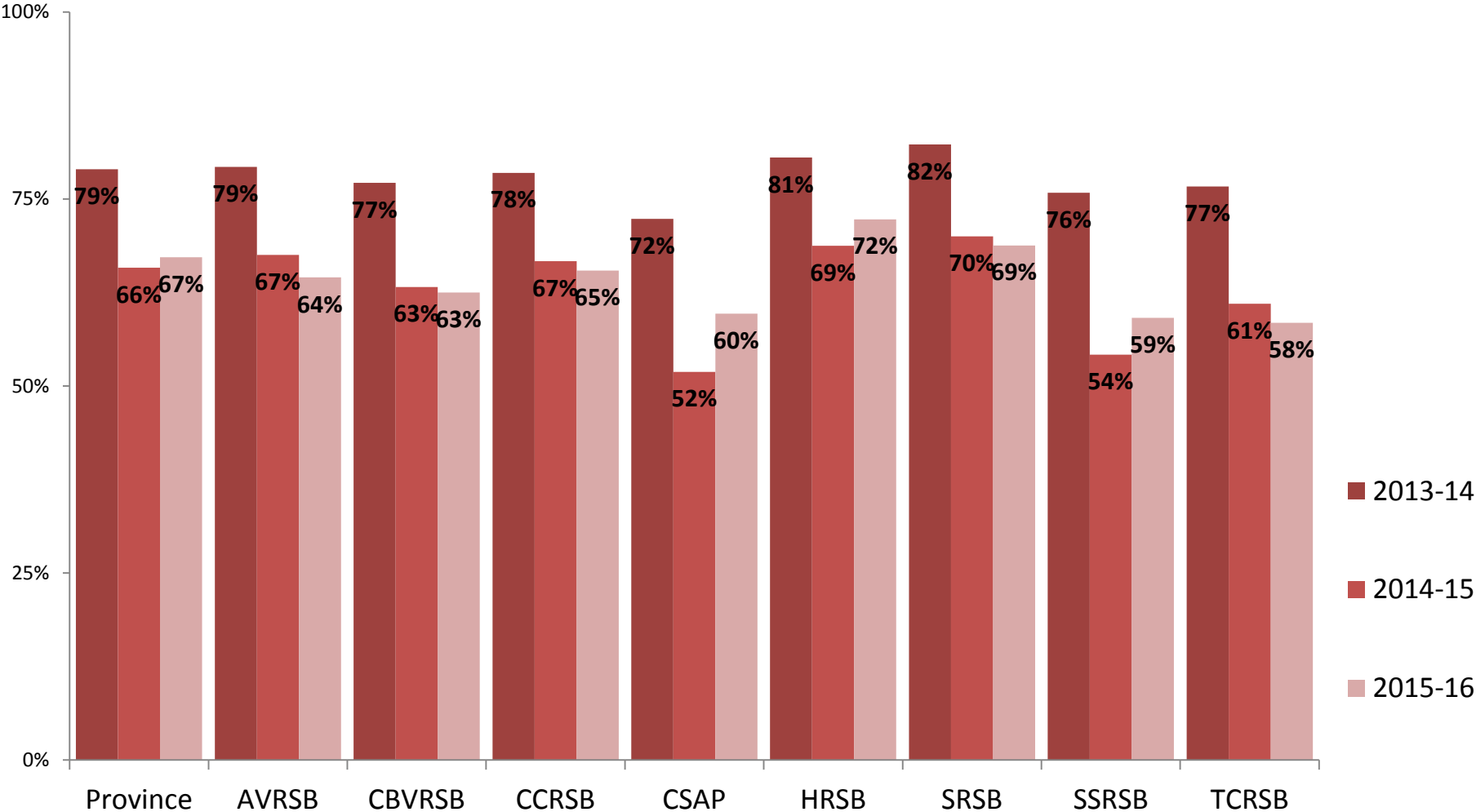


- Above Expectation
- At Expectation
- Approaching
- Below

Province	AVRSB	CBVRSB	CCRSB	CSAP	HRSB	SRSB	SSRSB	TCRSB
12%	11%	8%	11%	7%	14%	15%	8%	8%
51%	49%	48%	51%	48%	53%	48%	45%	46%
36%	37%	41%	36%	42%	31%	36%	45%	44%
2%	3%	3%	2%	3%	1%	2%	1%	2%

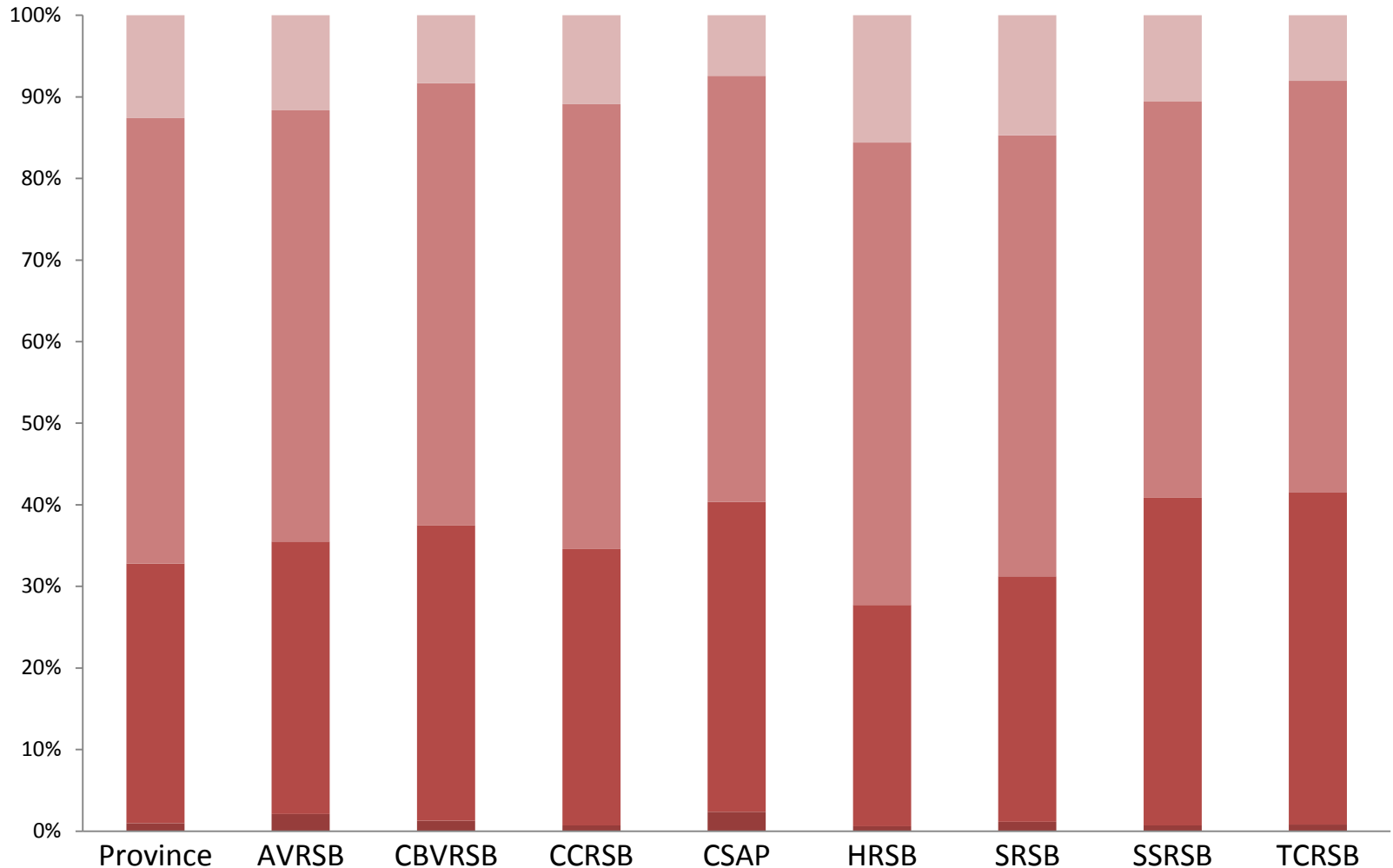
# 2015-16 Nova Scotia Assessment: Writing - LANGUAGE USE in Grade 6

## Percentage of students at or above the assessment expectation



# 2015-16 Nova Scotia Assessment: Writing - LANGUAGE USE in Grade 6

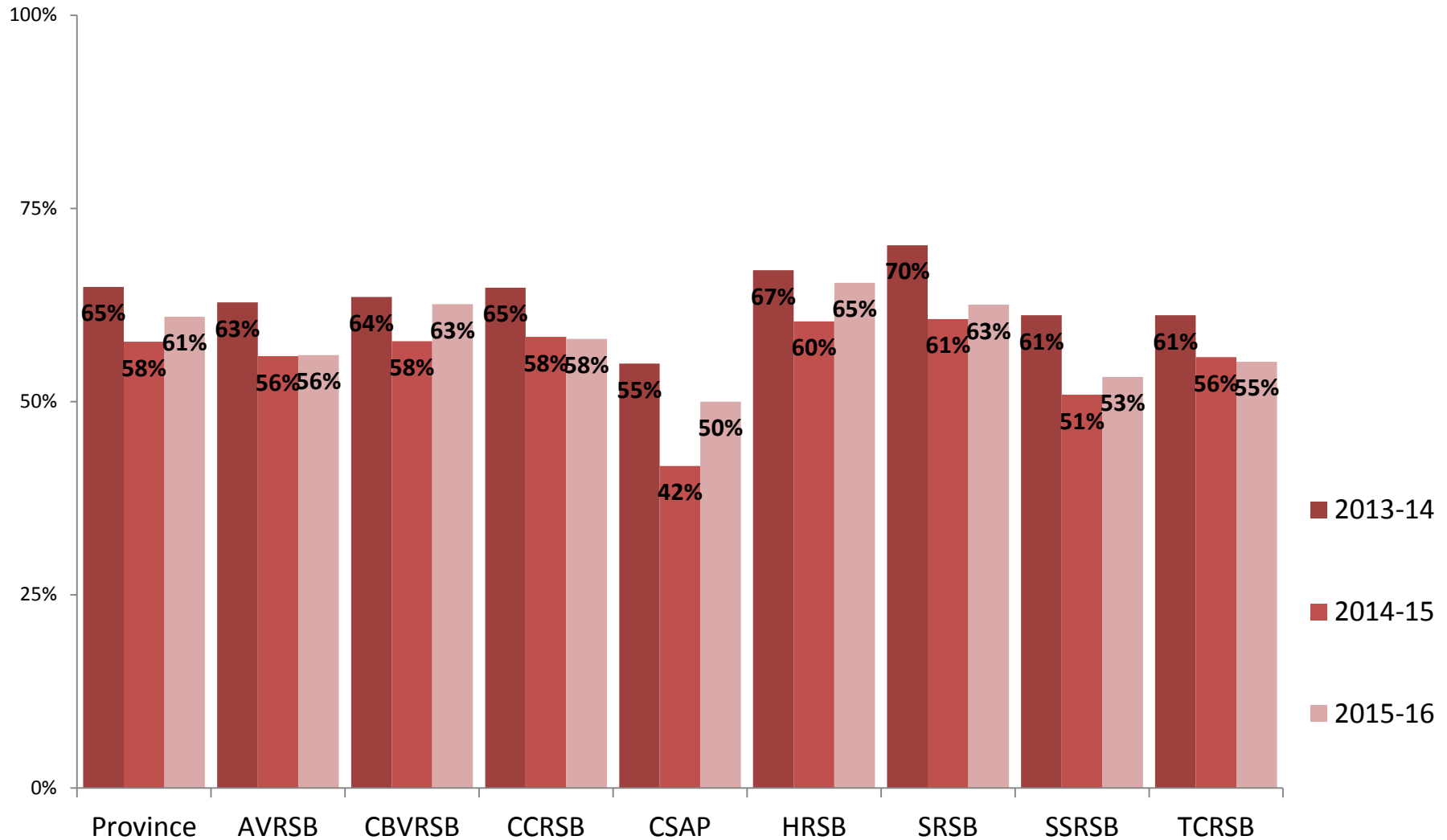
## Percentage of students at each performance level



■ Above Expectation	13%	12%	8%	11%	7%	16%	15%	11%	8%
■ At Expectation	55%	53%	54%	55%	52%	57%	54%	49%	50%
■ Approaching	32%	33%	36%	34%	38%	27%	30%	40%	41%
■ Below	1%	2%	1%	1%	2%	1%	1%	1%	1%

# 2015-16 Nova Scotia Assessment: Writing - CONVENTIONS in Grade 6

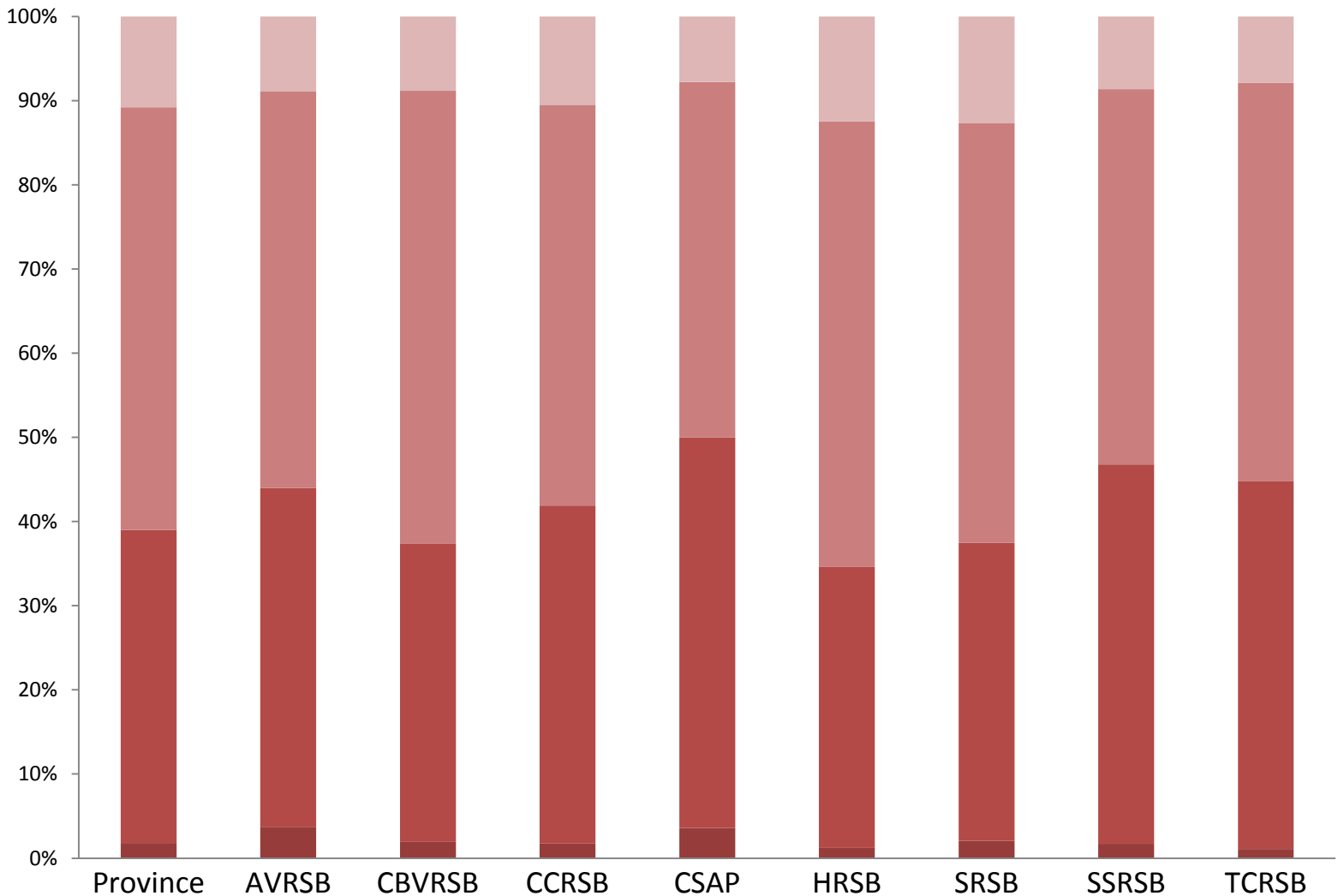
## Percentage of students at or above the assessment expectation





# 2015-16 Nova Scotia Assessment: Writing - CONVENTIONS in Grade 6

## Percentage of students at each performance level



■ Above Expectation

11%

9%

9%

10%

8%

12%

13%

9%

8%

■ At Expectation

50%

47%

54%

48%

42%

53%

50%

45%

47%

■ Approaching

37%

40%

35%

40%

46%

33%

35%

45%

44%

■ Below

2%

4%

2%

2%

4%

1%

2%

2%

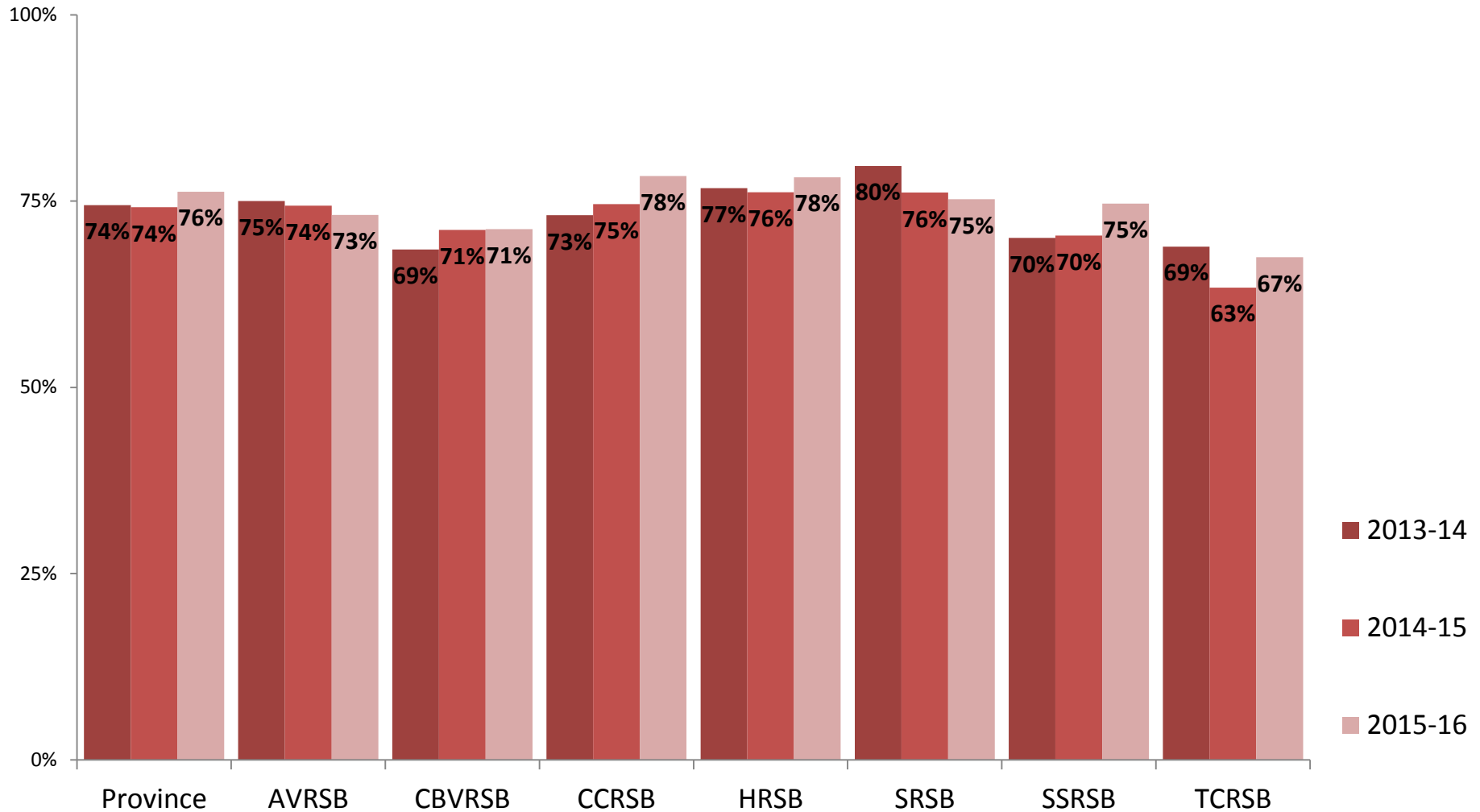
1%

2015-2016 Nova Scotia Assessment: Mathematics in Grade 4 and 6

# **MATHEMATICS**

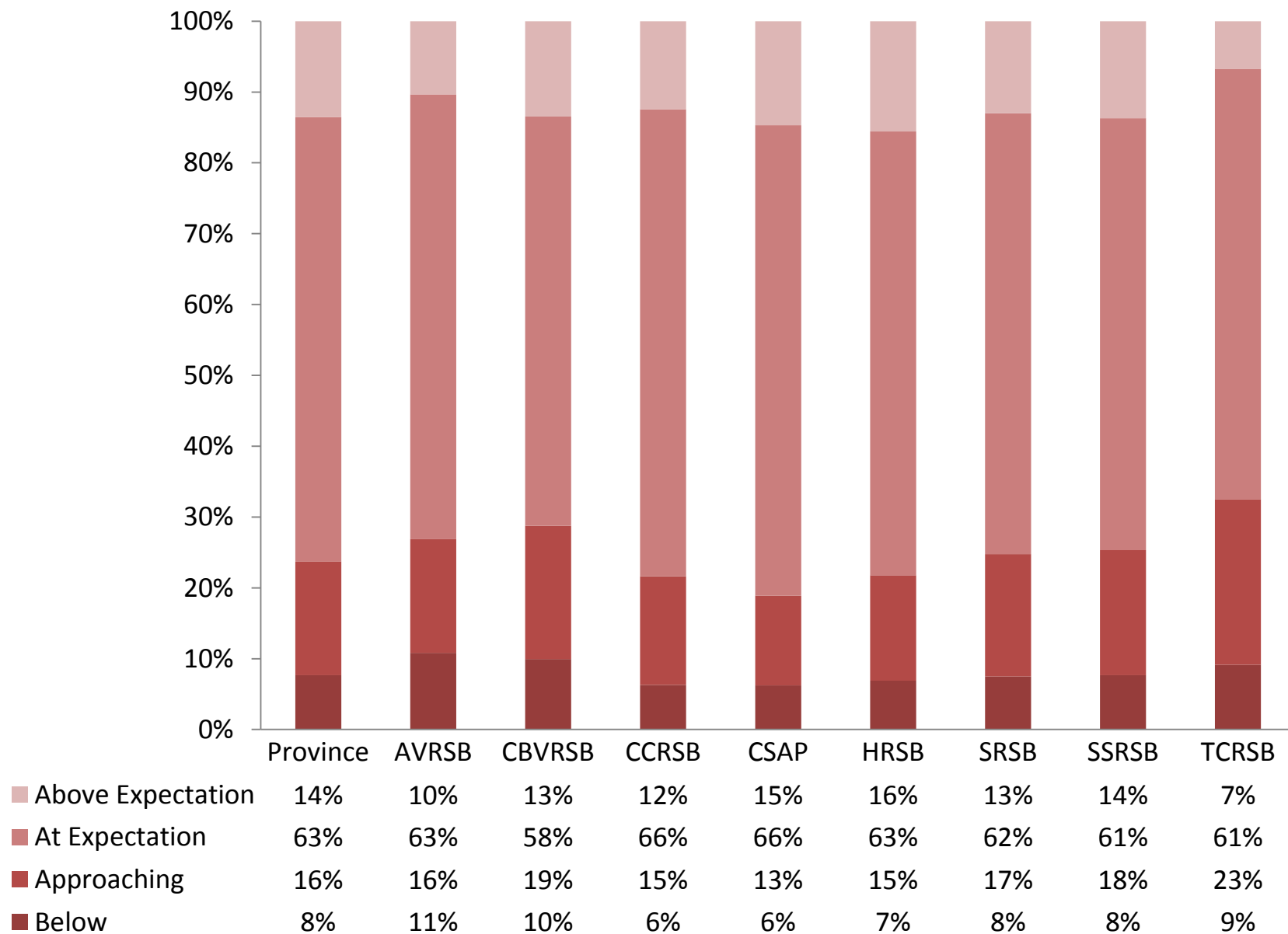
# 2015-16 Nova Scotia Assessment: MATHEMATICS in Grade 4

## Percentage of students at or above the assessment expectation



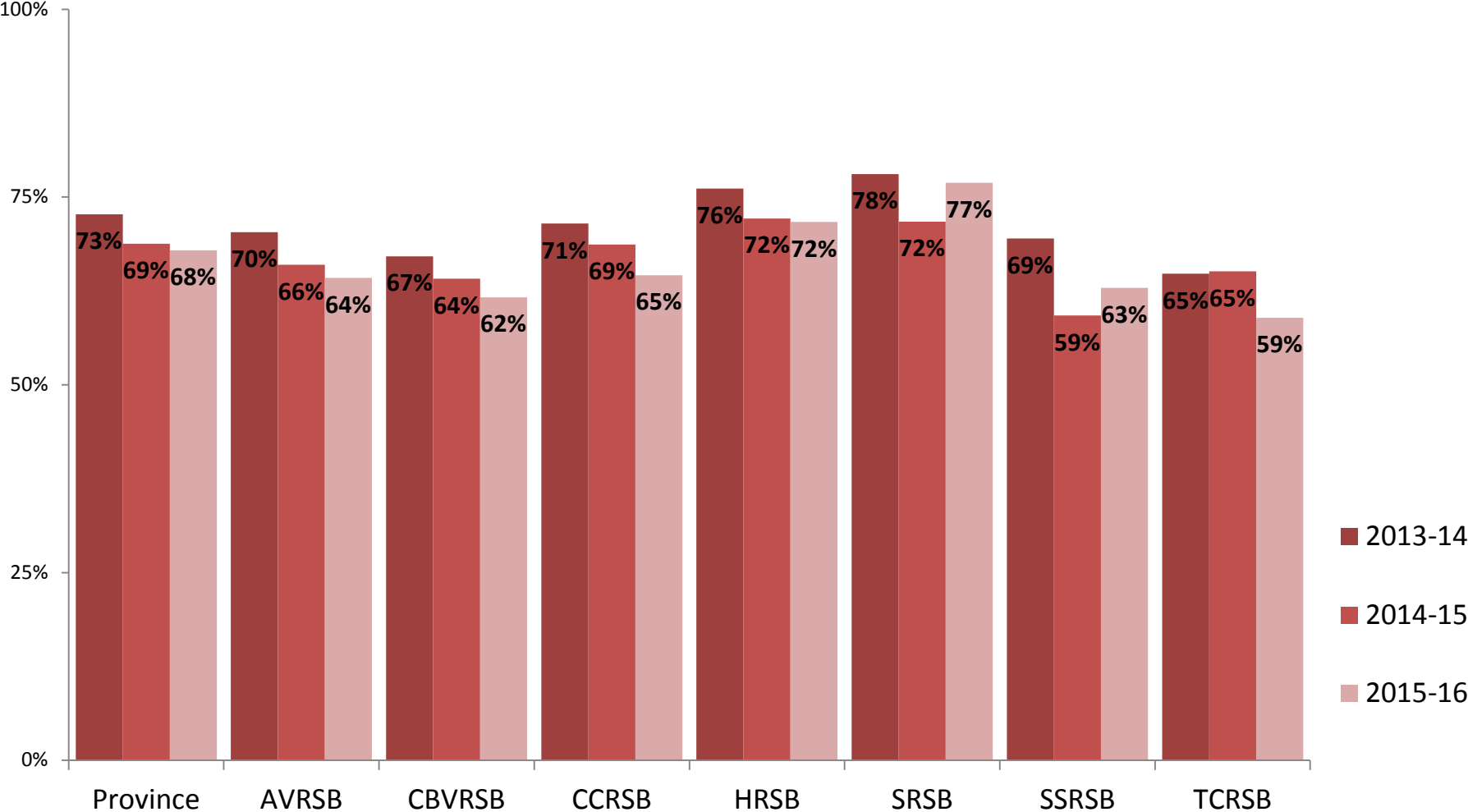
## 2015-16 Nova Scotia Assessment: MATHEMATICS in Grade 4

### Percentage of students at each performance level



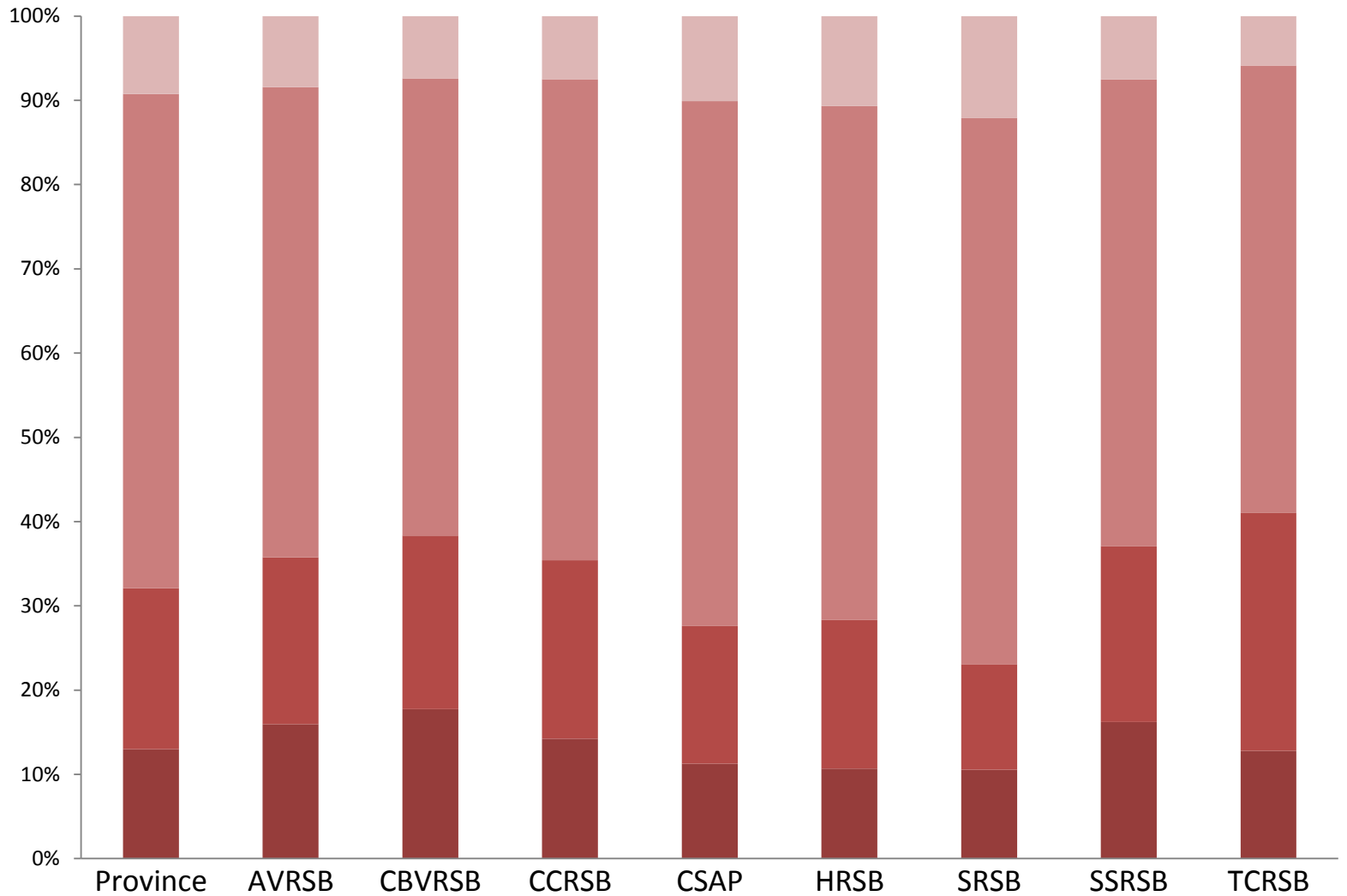
# 2015-16 Nova Scotia Assessment: MATHEMATICS in Grade 6

## Percentage of students at or above the assessment expectation



# 2015-16 Nova Scotia Assessment: MATHEMATICS in Grade 6

## Percentage of students at each performance level



<span style="color: #e0b0b0;">■</span> Above Expectation	9%	8%	7%	7%	10%	11%	12%	8%	6%
<span style="color: #c05050;">■</span> At Expectation	59%	56%	54%	57%	62%	61%	65%	55%	53%
<span style="color: #802020;">■</span> Approaching	19%	20%	21%	21%	16%	18%	13%	21%	28%
<span style="color: #400000;">■</span> Below	13%	16%	18%	14%	11%	11%	11%	16%	13%

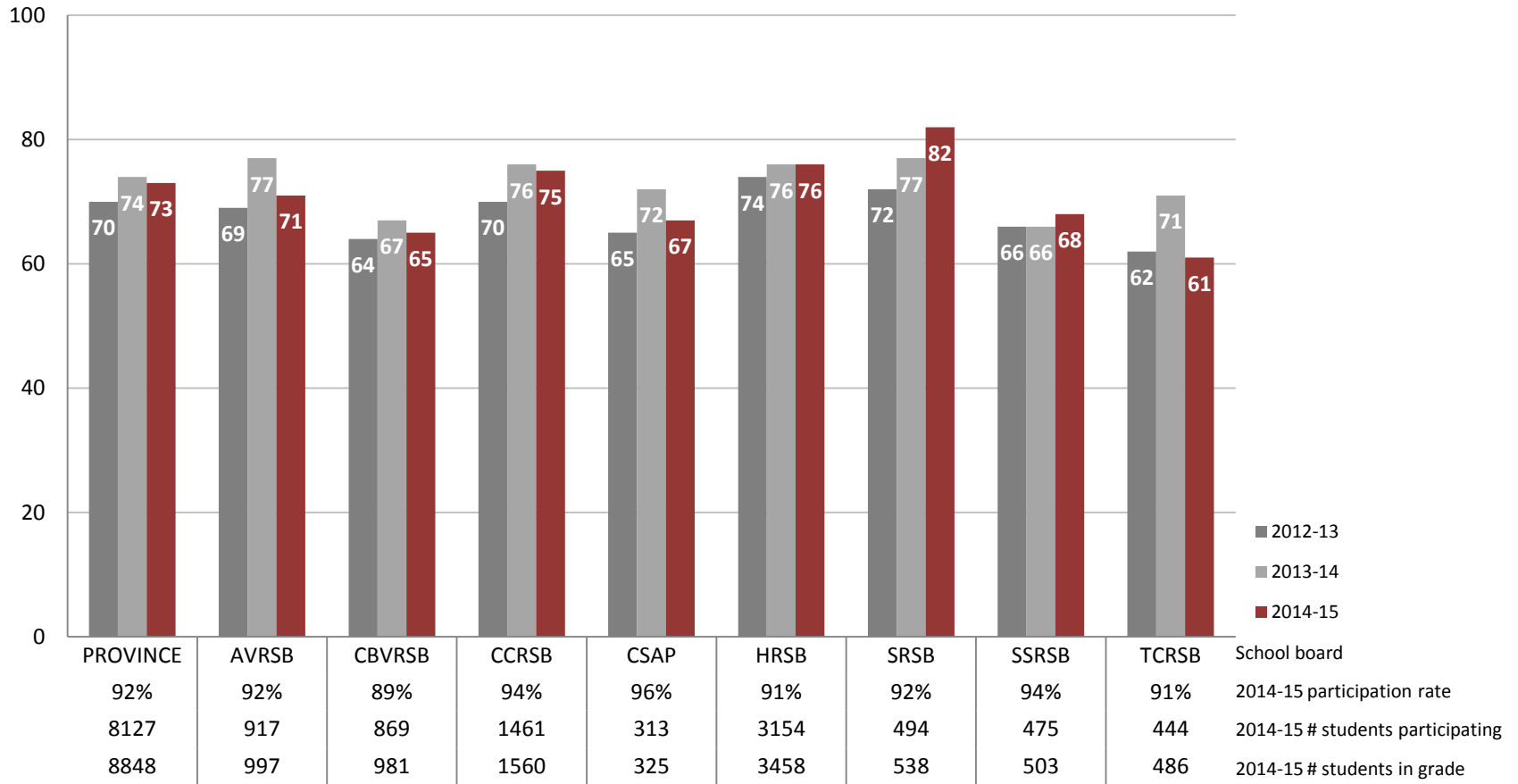
2014-2015 Nova Scotia Assessment: Reading, Writing & Mathematics in Grade 8

# **READING**

## 2014-2015 Nova Scotia Assessment: Reading and Writing in Grade 8

### Reading

Percentage of students at or above the assessment expectation



Grade 8 students wrote this assessment in June 2015. For the reading portion of the assessment, students read different types of texts and answered questions about what they read. Nova Scotia teachers worked with the Department of Education to build this assessment and to set the assessment expectation, which is what students should know and be able to do on their own at the end of grade 8. Individual student results were reported in four levels: Level 1 (below the expectation), Level 2 (approaching the expectations), Level 3 (at the expectation), and Level 4 (above the expectation). This chart shows the percentage of students who performed at Level 3 or Level 4. The participation rate is the ratio of students participating in the assessment to all students enrolled in the grade at the time of the assessment.

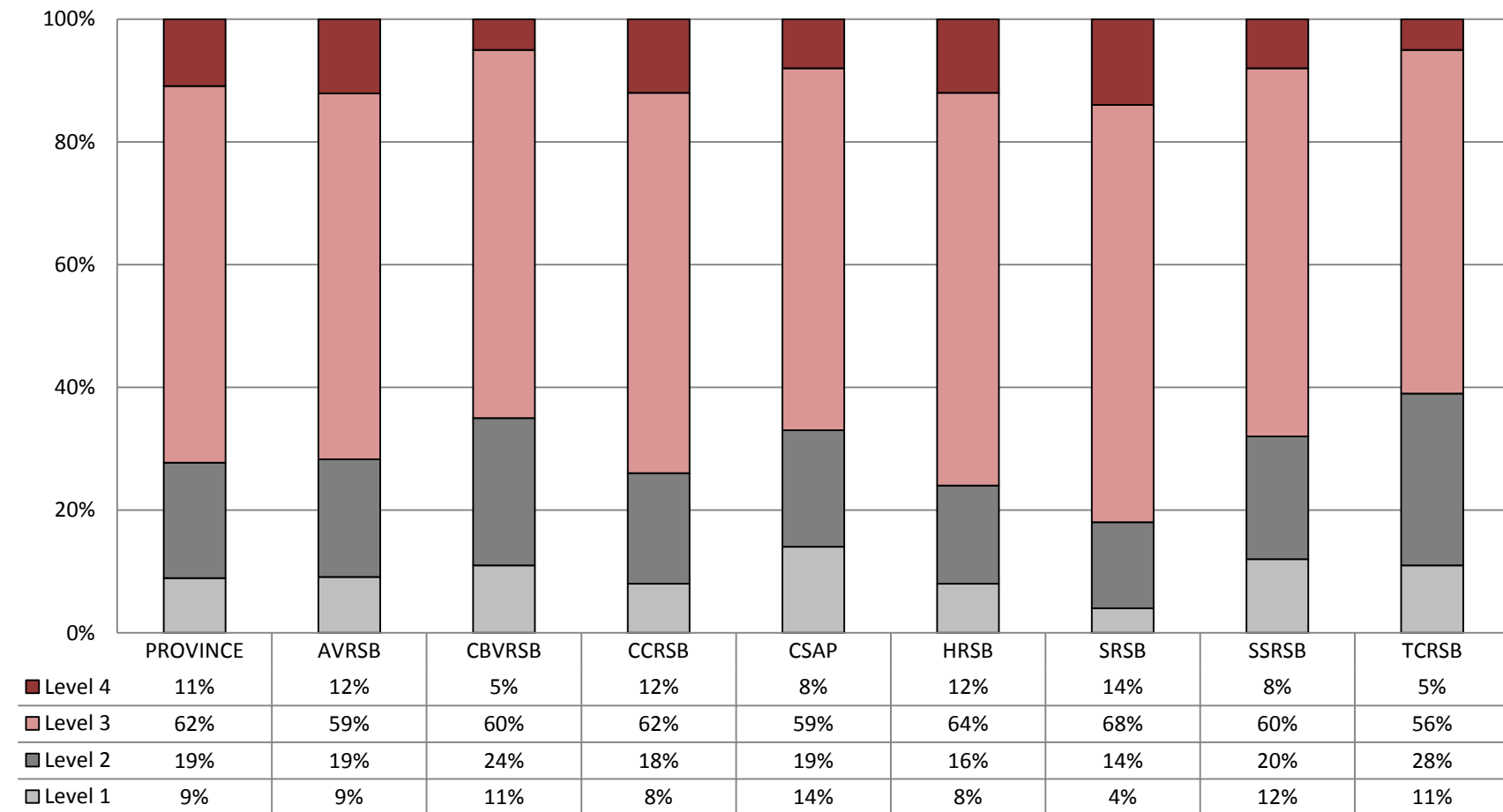
Please note: Writing was not assessed in 2014-15 in grade 8.



## 2014-2015 Nova Scotia Assessment: Reading and Writing in Grade 8

### Reading

Percentage of students at each level



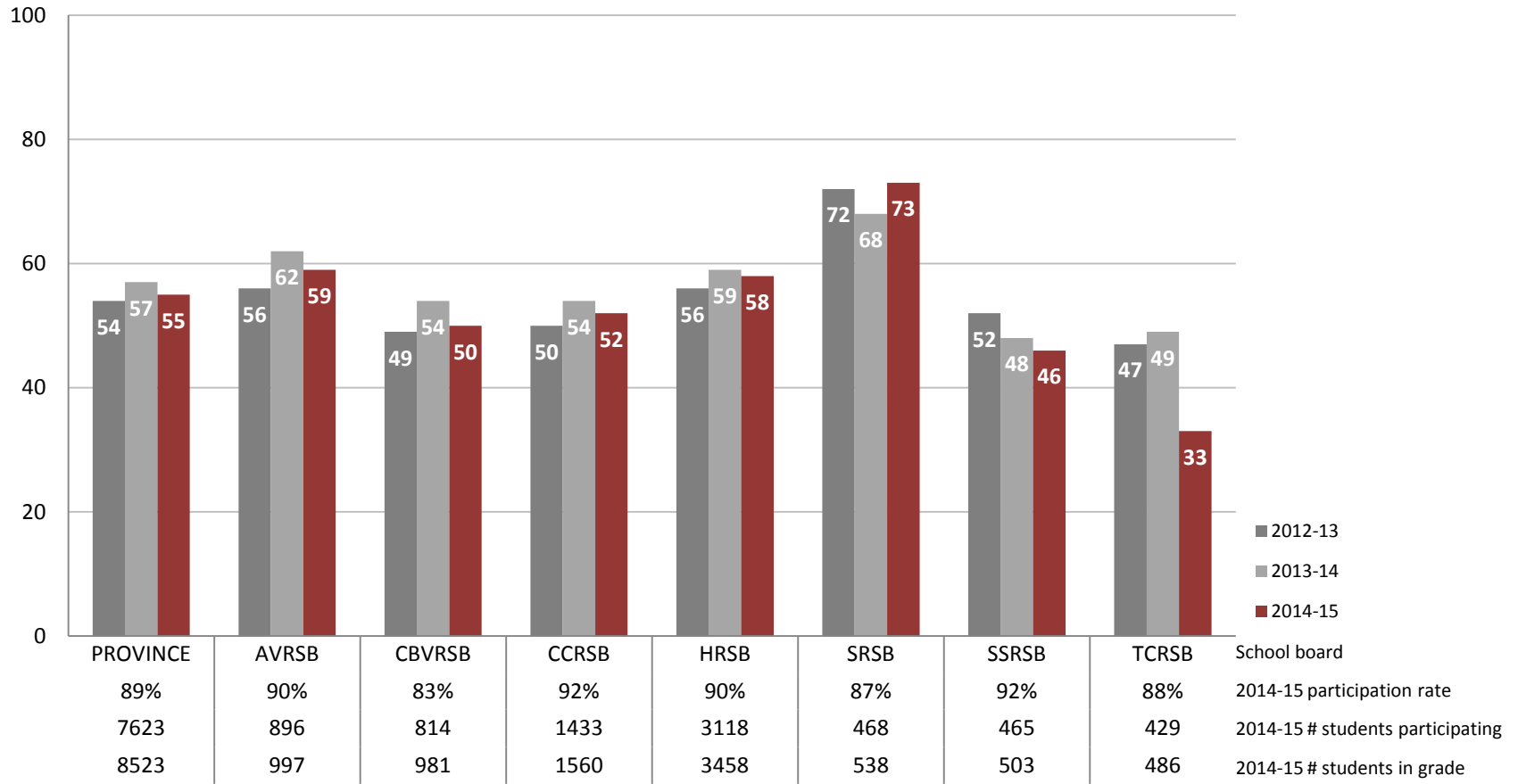
2014-2015 Nova Scotia Assessment: Reading, Writing & Mathematics in Grade 8

# **MATHEMATICS**

## 2014-2015 Nova Scotia Assessment: Reading, Writing and Mathematics in Grade 8

### Mathematics

Percentage of students at or above the assessment expectation

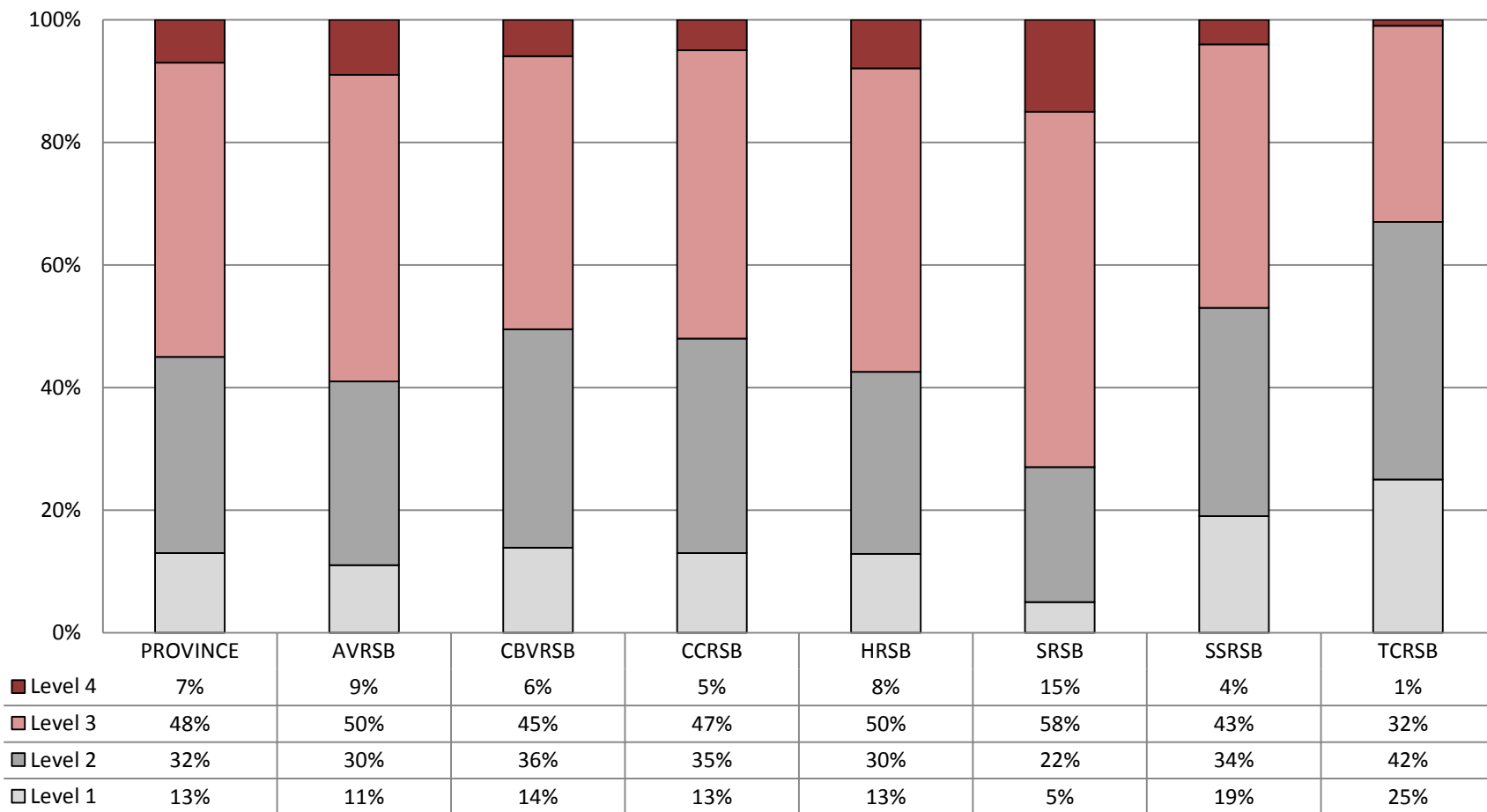


Grade 8 students wrote this assessment in June 2015. Students answered questions in each of the mathematics strands (number and operations, pattern and relations, measurement and geometry, and statistics and probability). Nova Scotia teachers worked with the Department of Education and Early Childhood Development to develop this assessment and to set the assessment expectation, which is what students should know and be able to do on their own at the end of grade 8. Individual student results were reported in four levels: Level 1 (below the expectation), Level 2 (approaching the expectations), Level 3 (at the expectation, and Level 4 (above the expectation). This chart shows the percentage of students who performed at Level 3 or Level 4. The participation rate is the ratio of students participating in the assessment to all students enrolled in the grade at the time of the assessment.

2014-2015 Nova Scotia Assessment: Reading, Writing and Mathematics in Grade 8

**Mathematics**

Percentage of students at each level



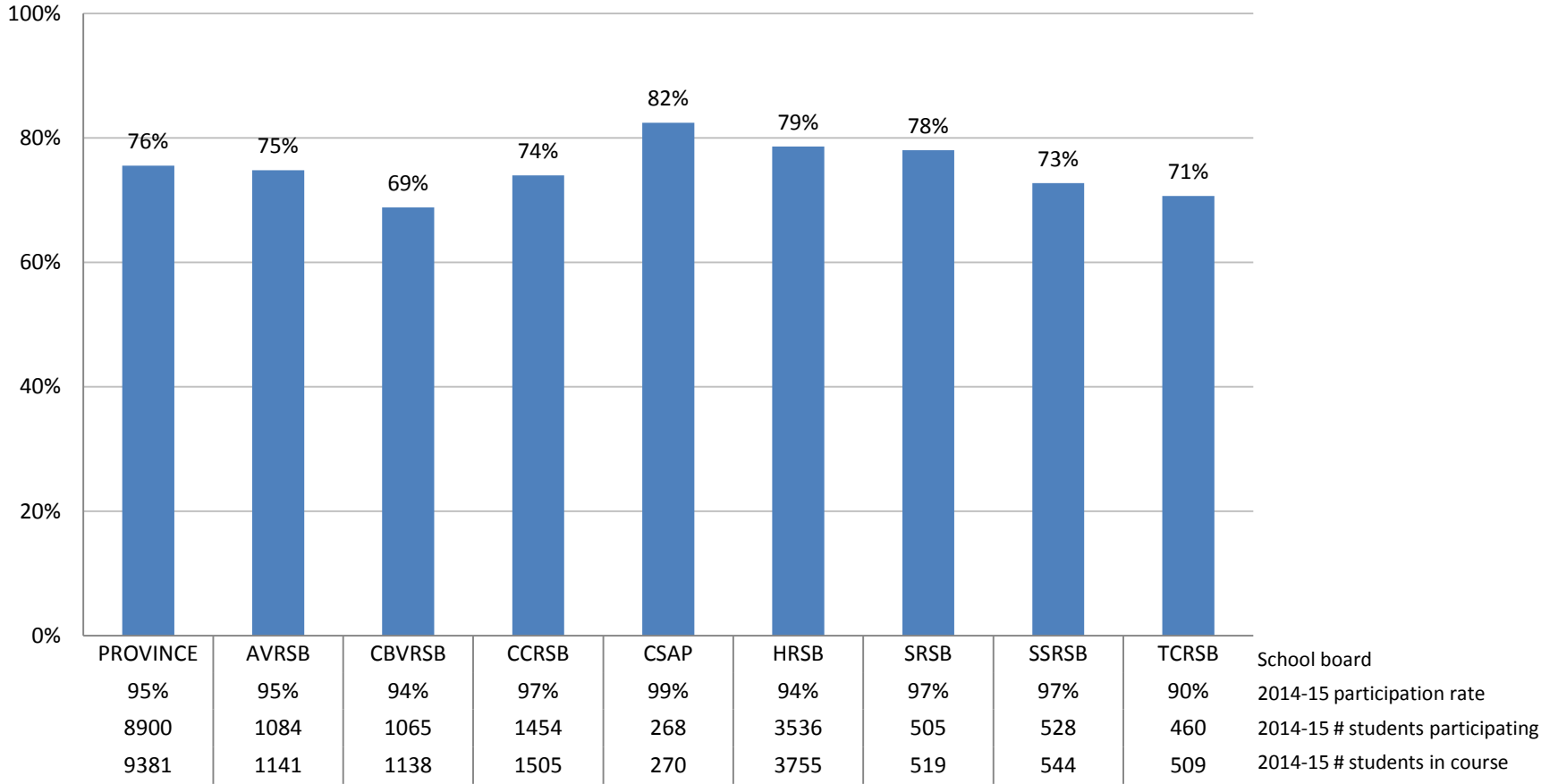
2014-2015 Nova Scotia Assessment: English 10

# READING

2014-2015 Nova Scotia Assessment: English 10

**Reading**

Percentage of students at or above the assessment expectation

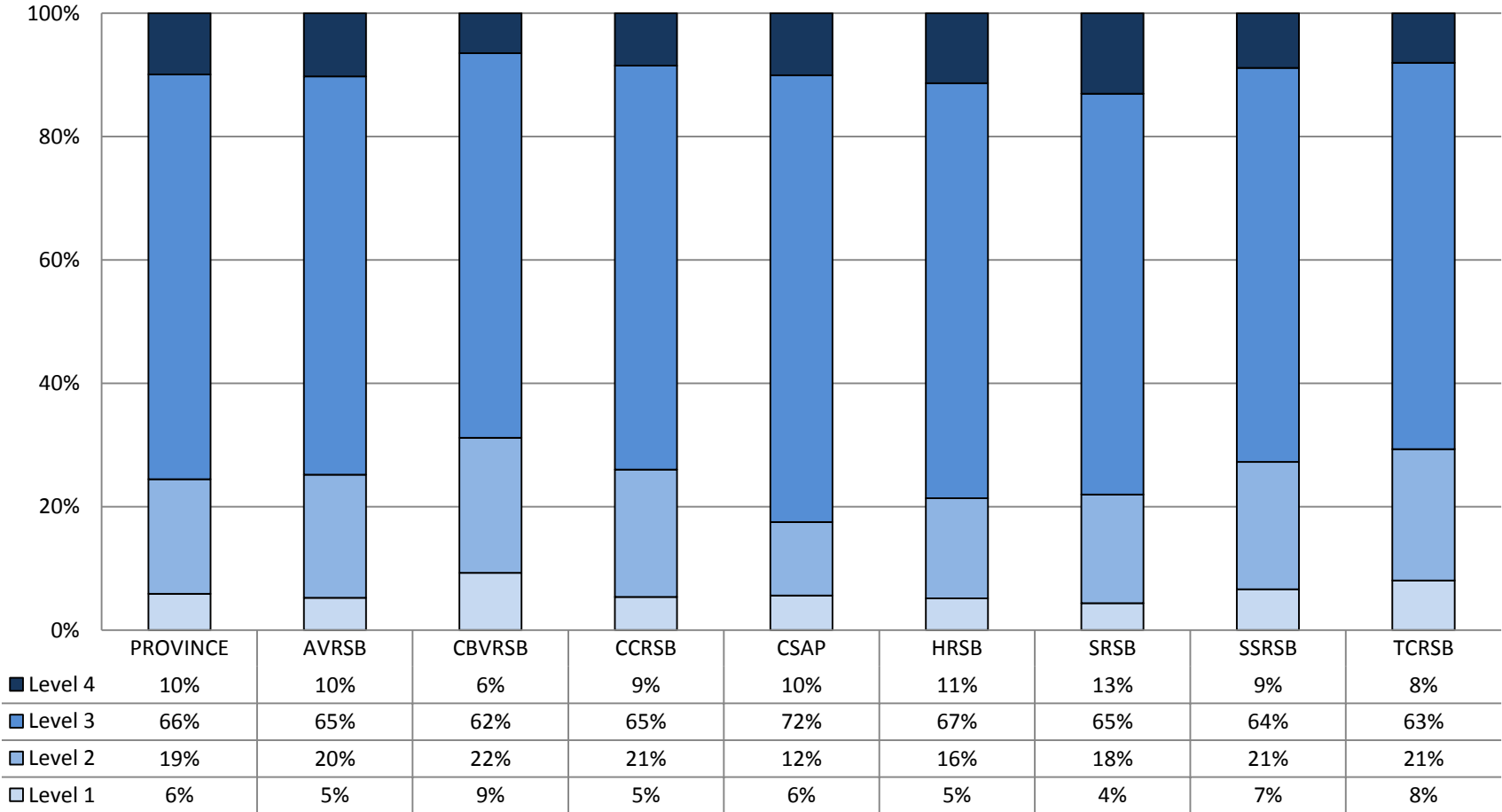


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Reading**

Percentage of students at each level



*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

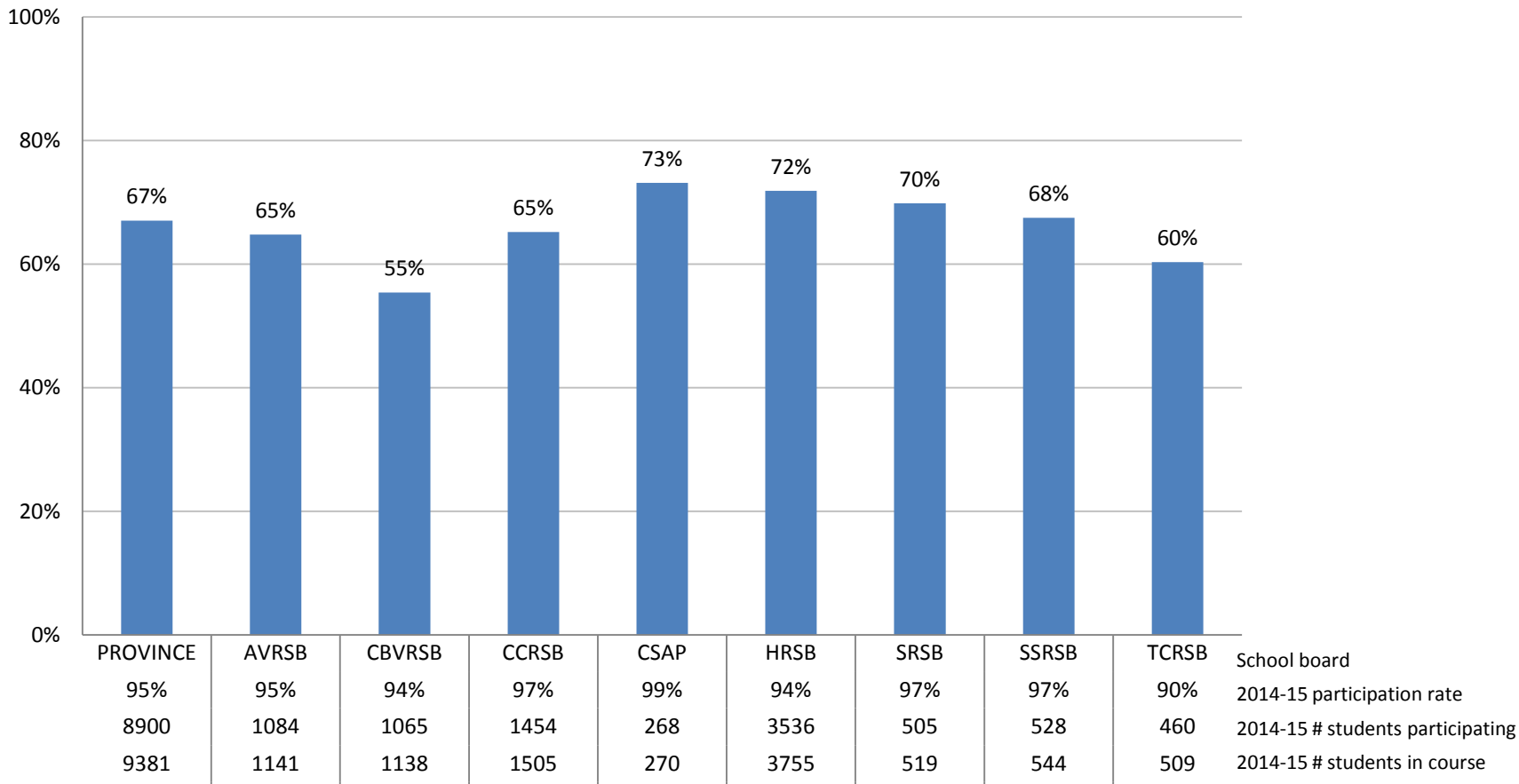
# **WRITING**



2014-2015 Nova Scotia Assessment: English 10

**Writing: IDEAS**

Percentage of students at or above the assessment expectation

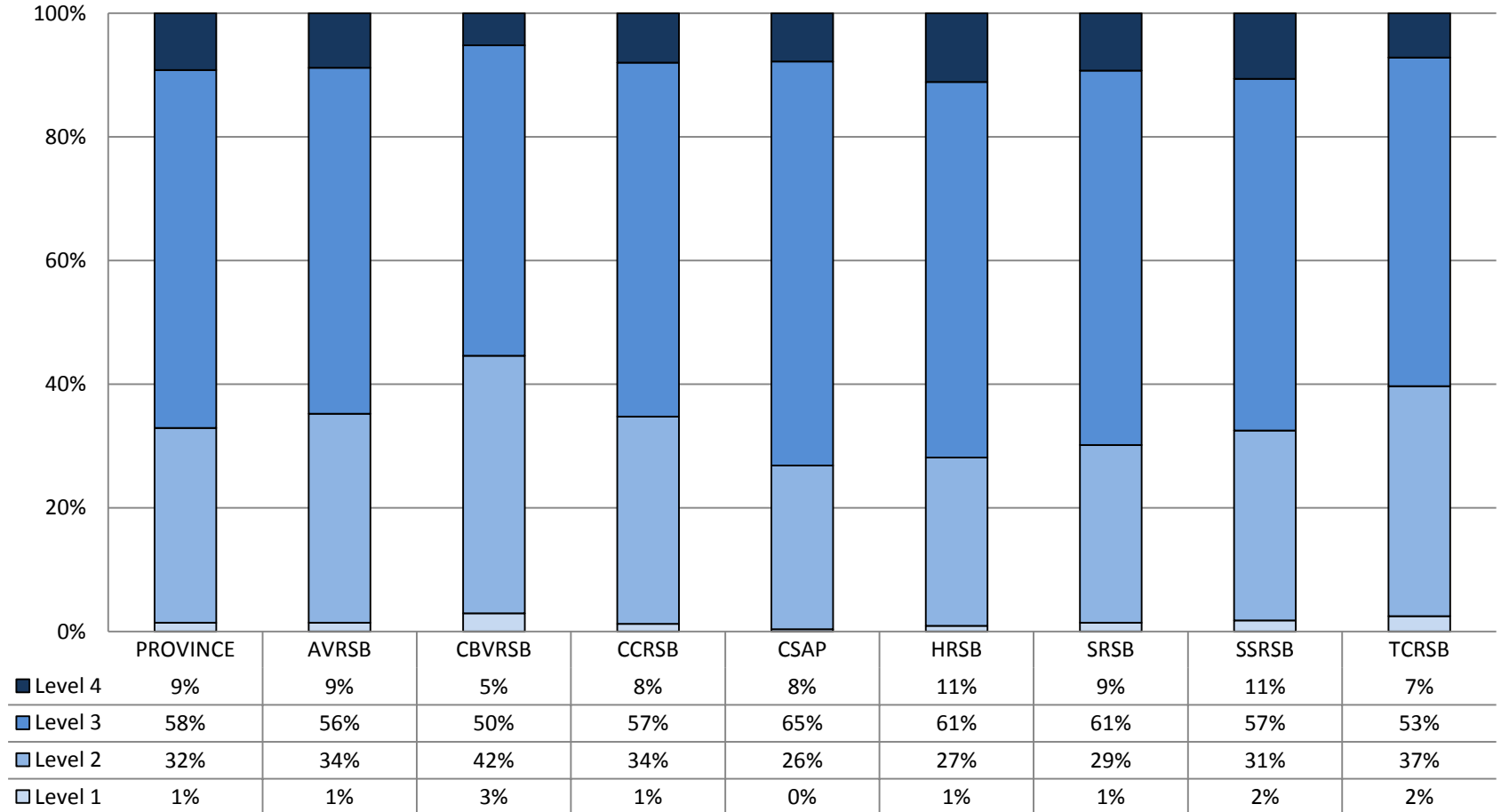


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Writing: IDEAS**

Percentage of students at each level

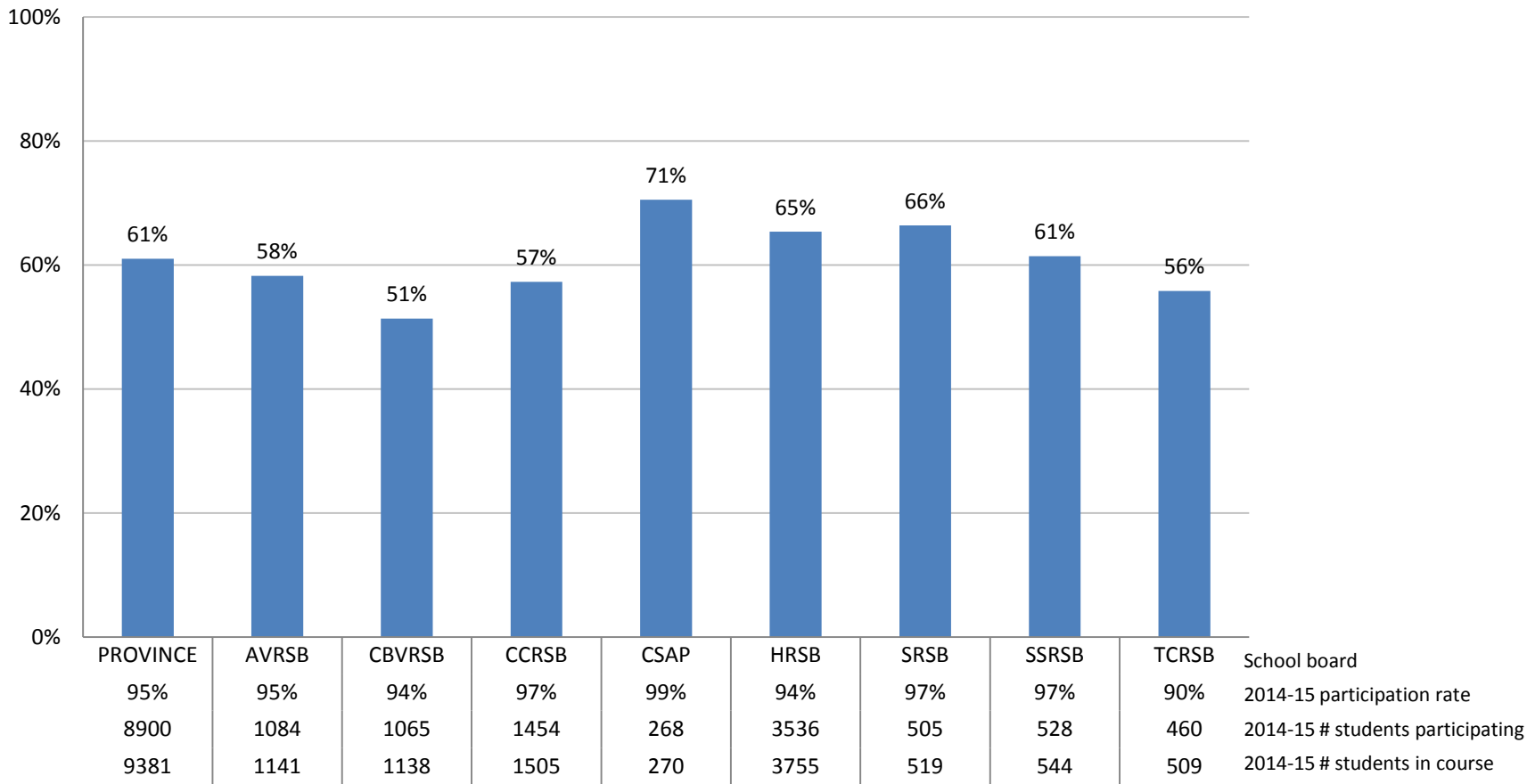


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Writing: ORGANIZATION**

Percentage of students at or above the assessment expectation

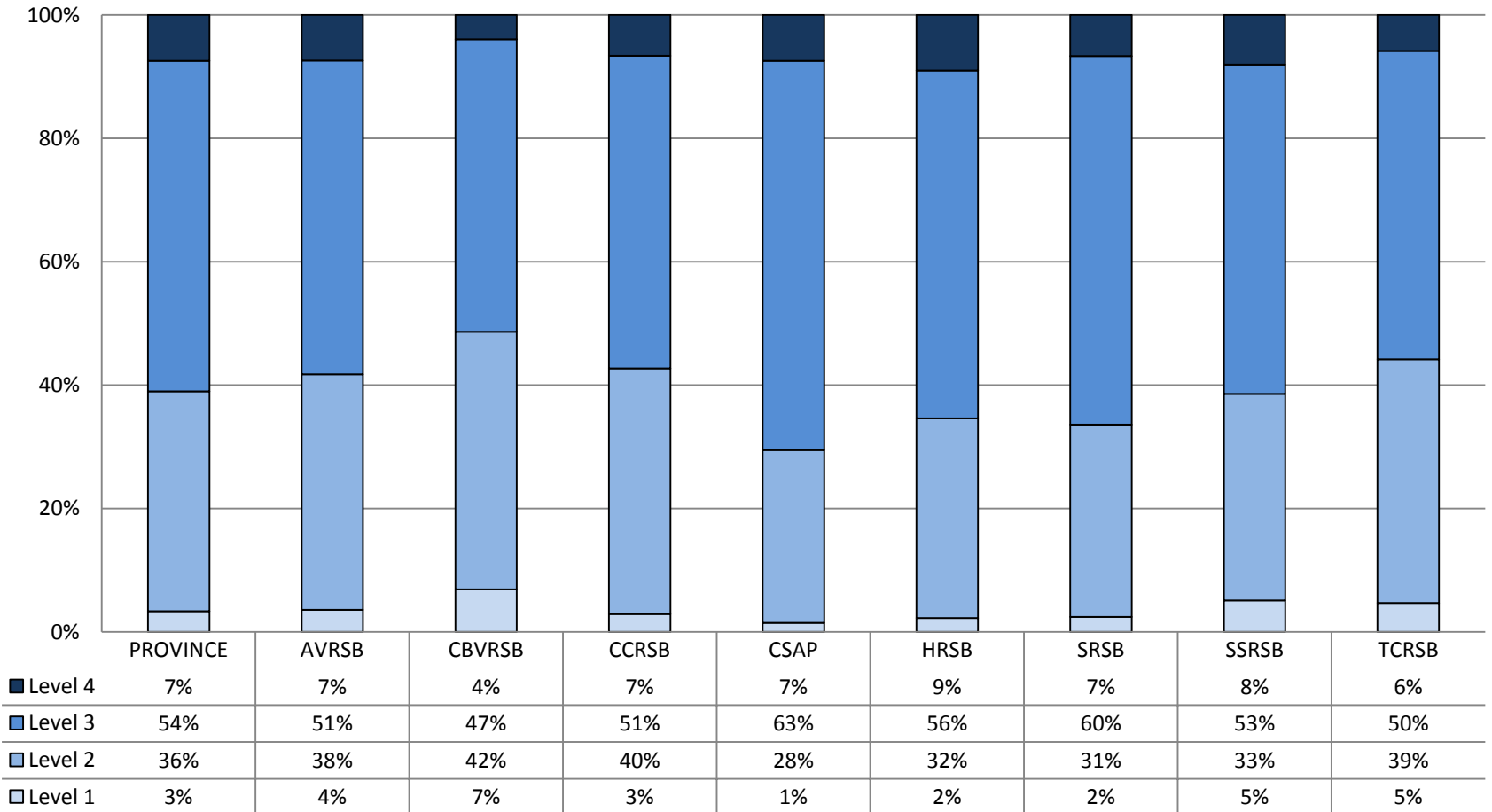


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Writing: ORGANIZATION**

Percentage of students at each level

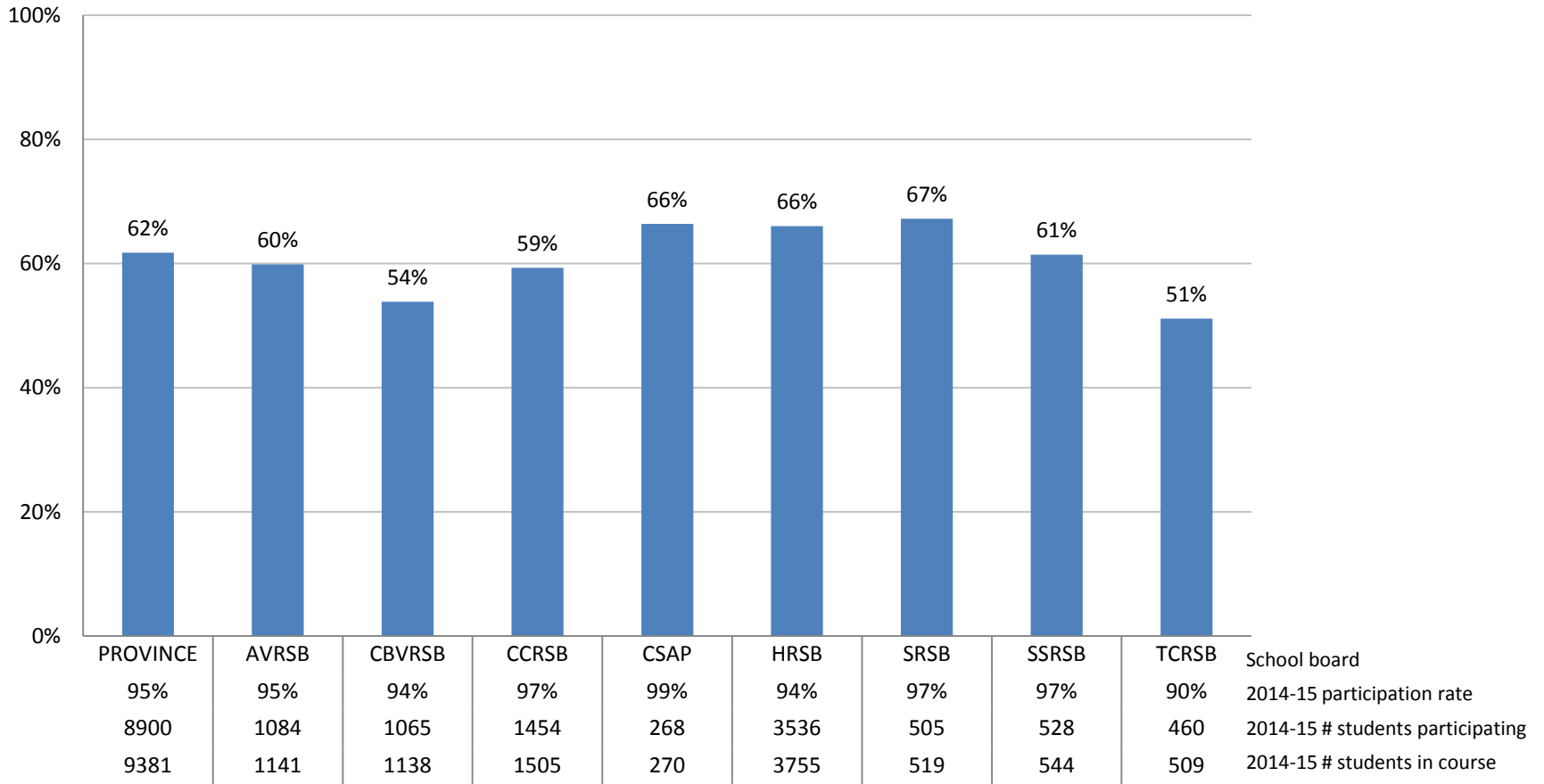


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Writing: LANGUAGE USE**

Percentage of students at or above the assessment expectation

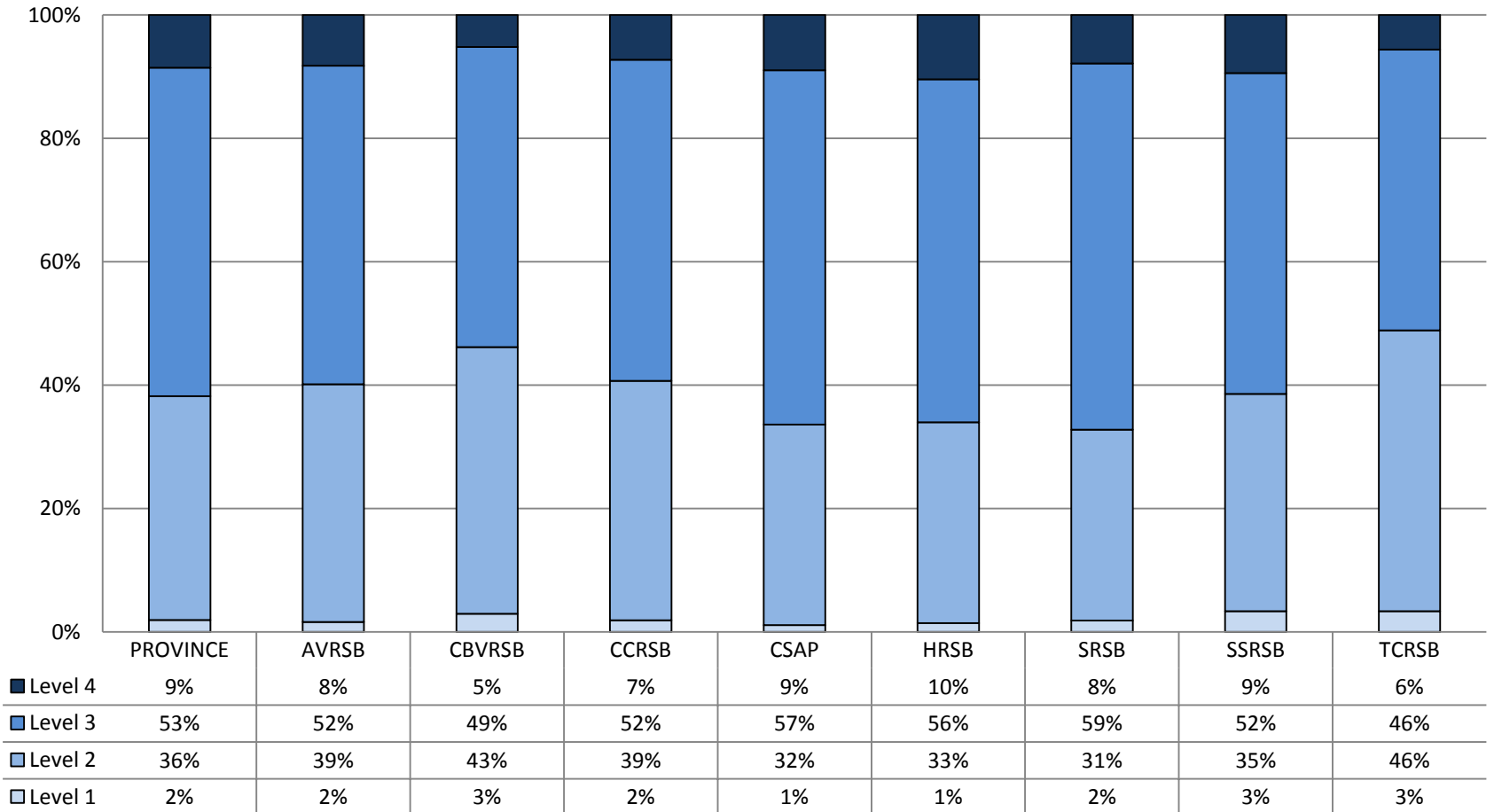


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Writing: LANGUAGE USE**

Percentage of students at each level

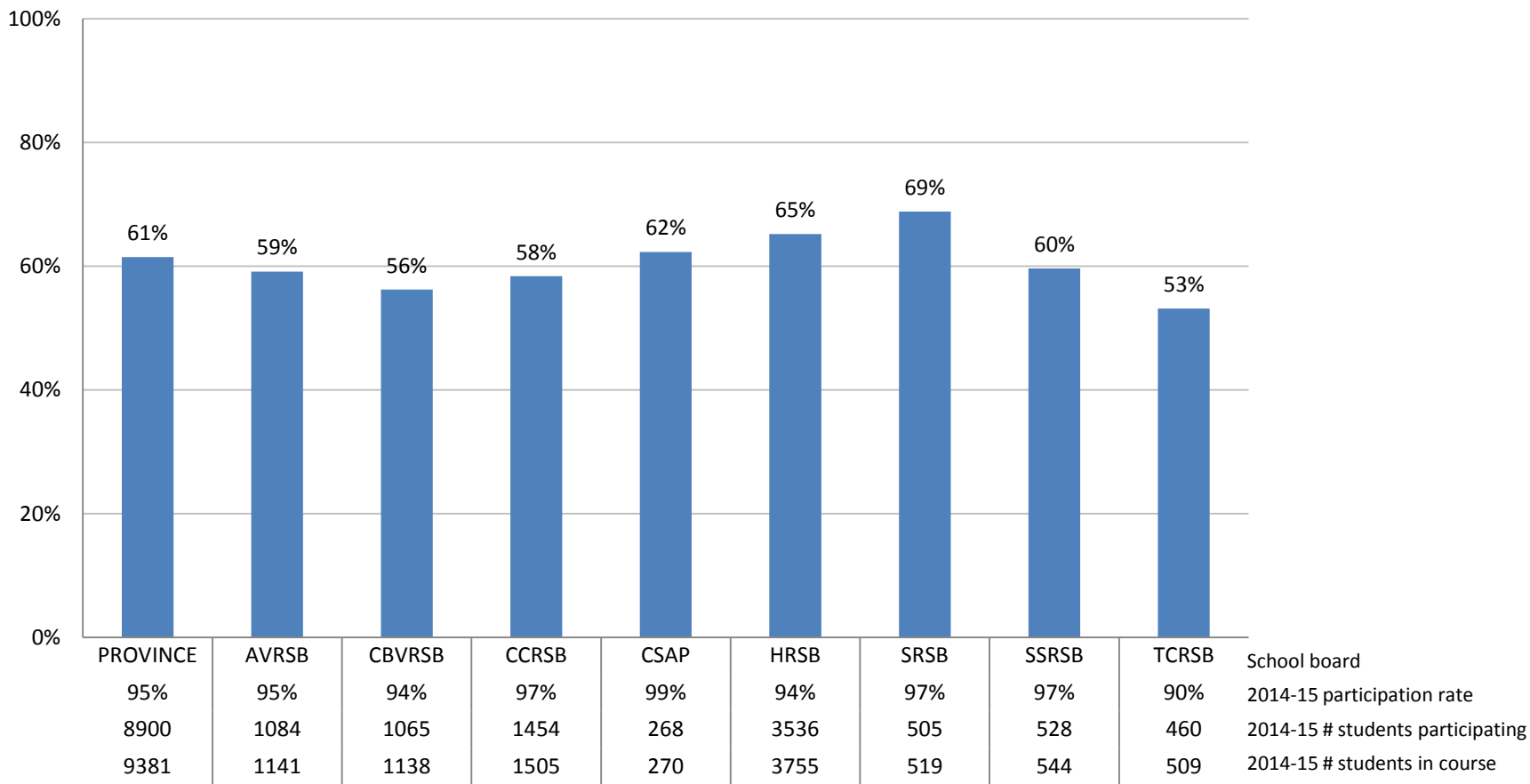


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Writing: CONVENTIONS**

Percentage of students at or above the assessment expectation

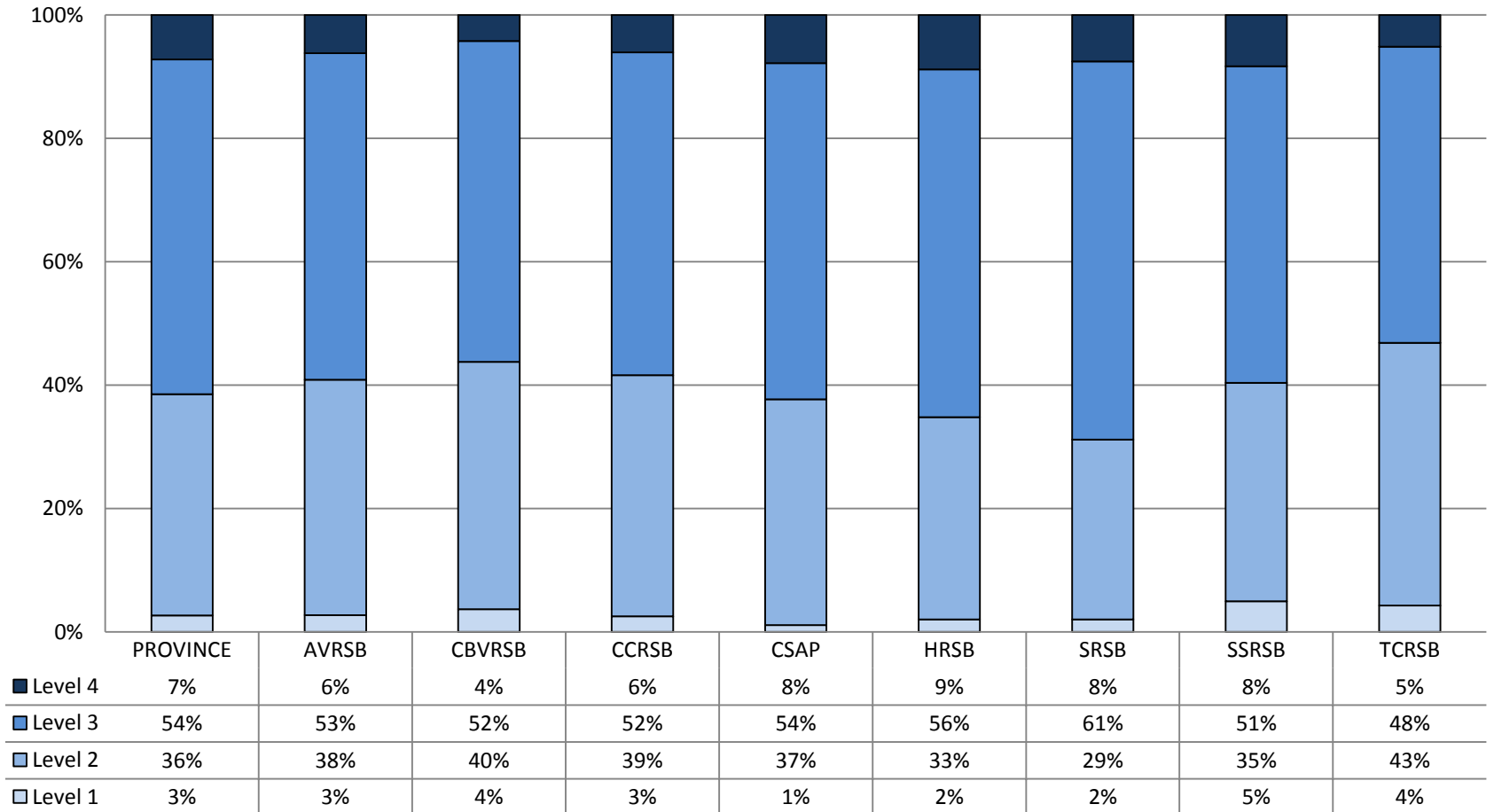


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: English 10

**Writing: CONVENTIONS**

Percentage of students at each level



*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*



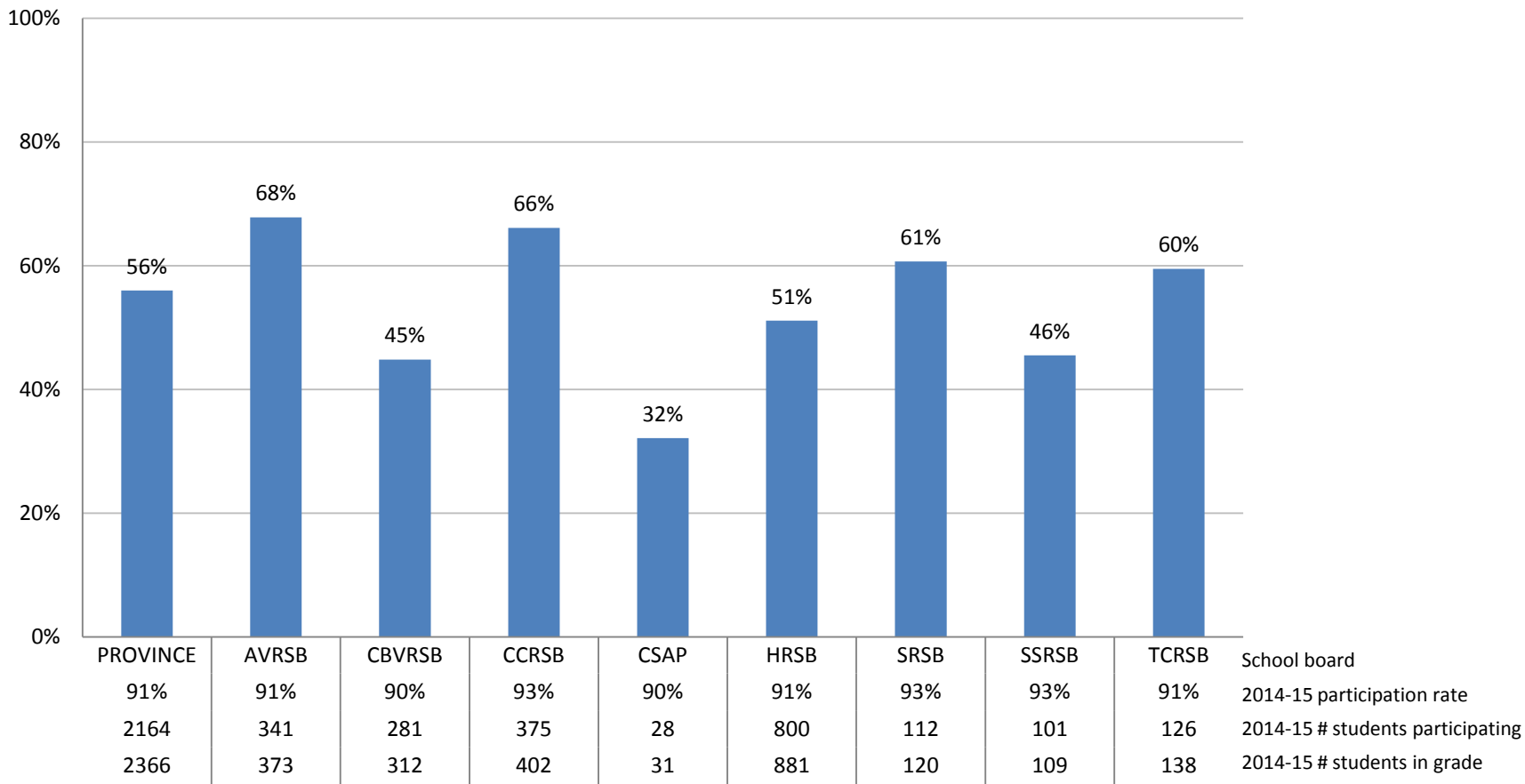
2014-2015 Nova Scotia Assessment: Mathematics 10

# **MATHEMATICS**

2014-2015 Nova Scotia Assessment: Mathematics 10

**Mathematics at Work 10**

Percentage of students at or above the assessment expectation

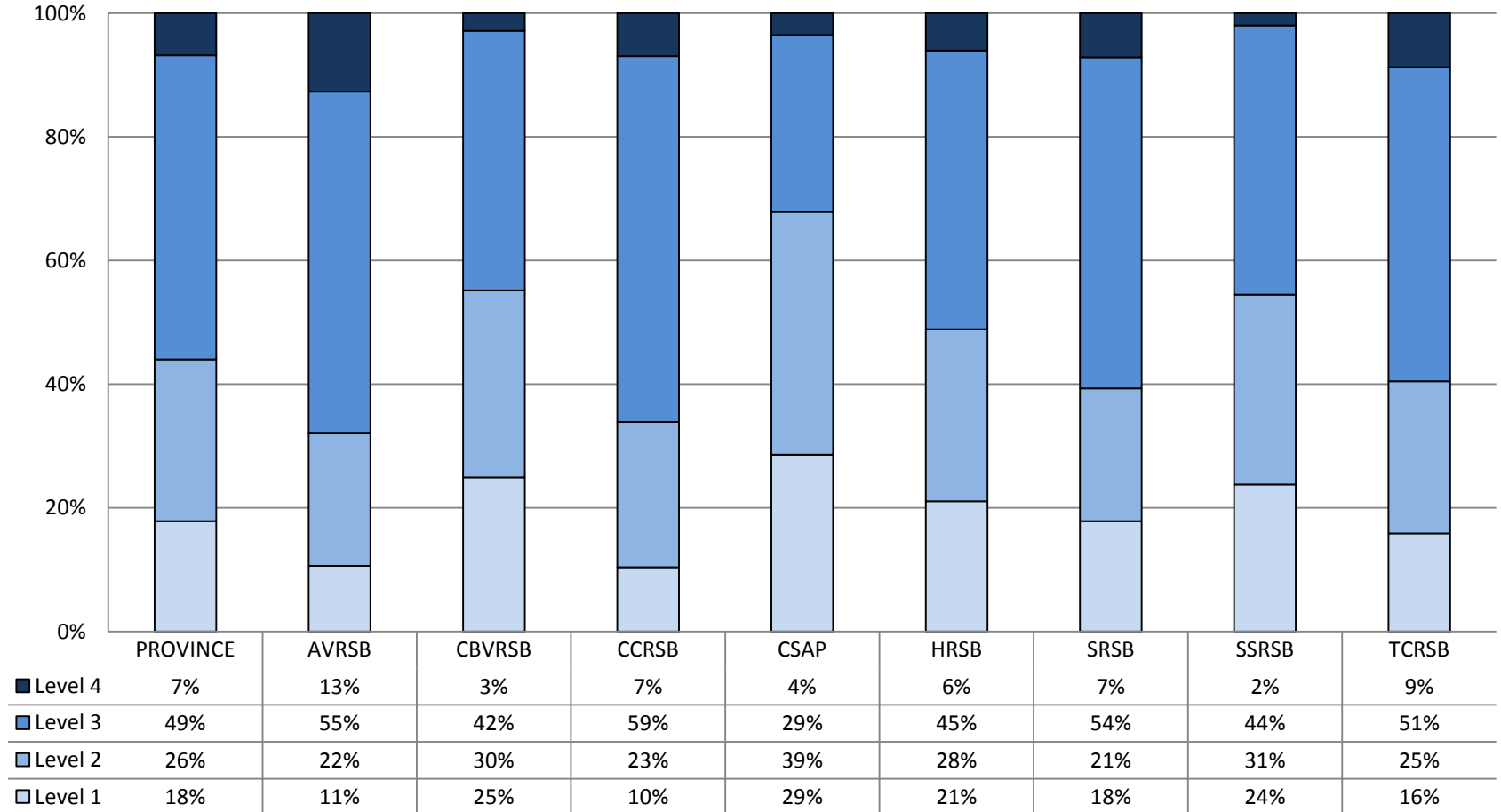


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: Mathematics 10

**Mathematics at Work 10**

Percentage of students at each level

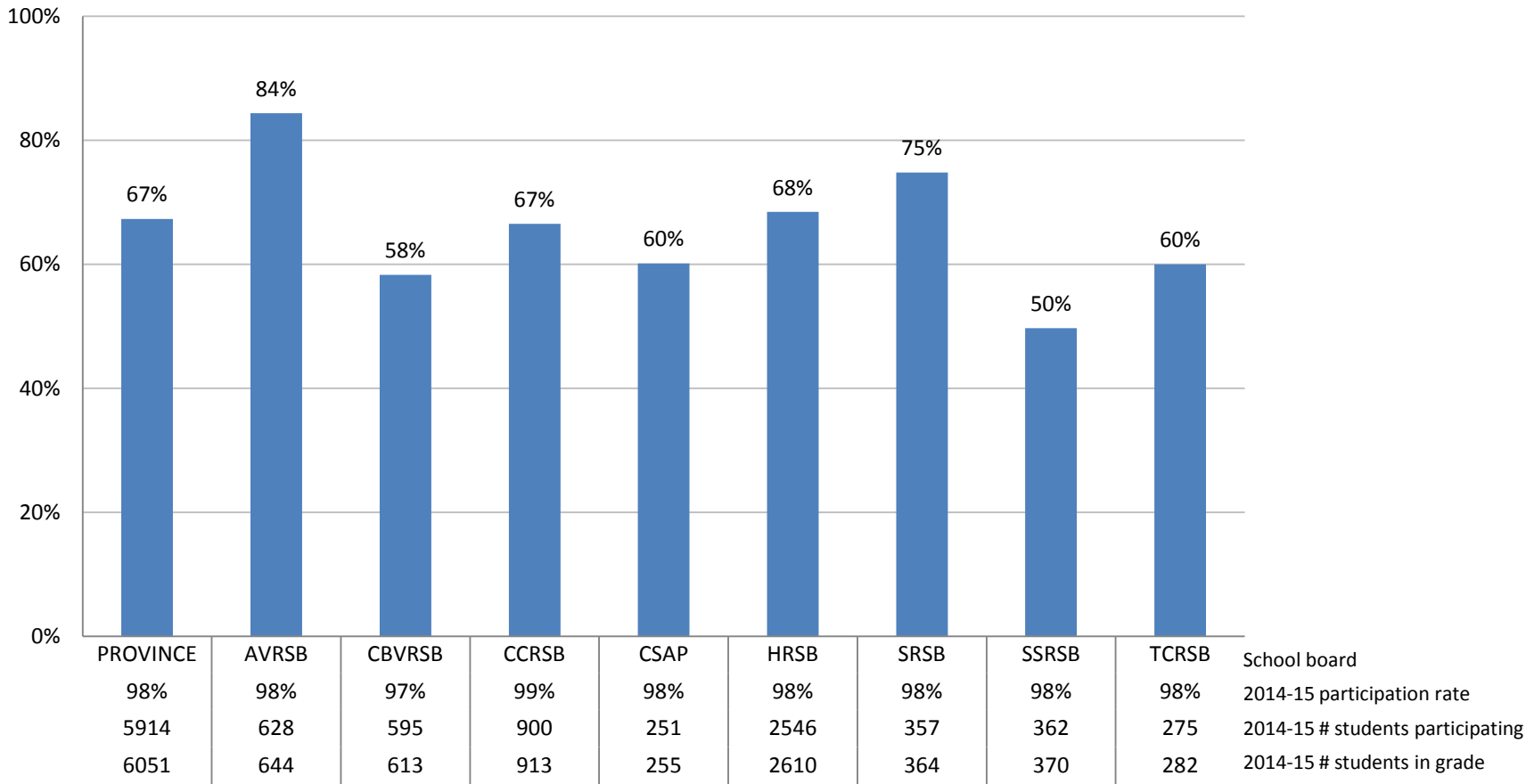


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: Mathematics 10

**Mathematics 10**

Percentage of students at or above the assessment expectation

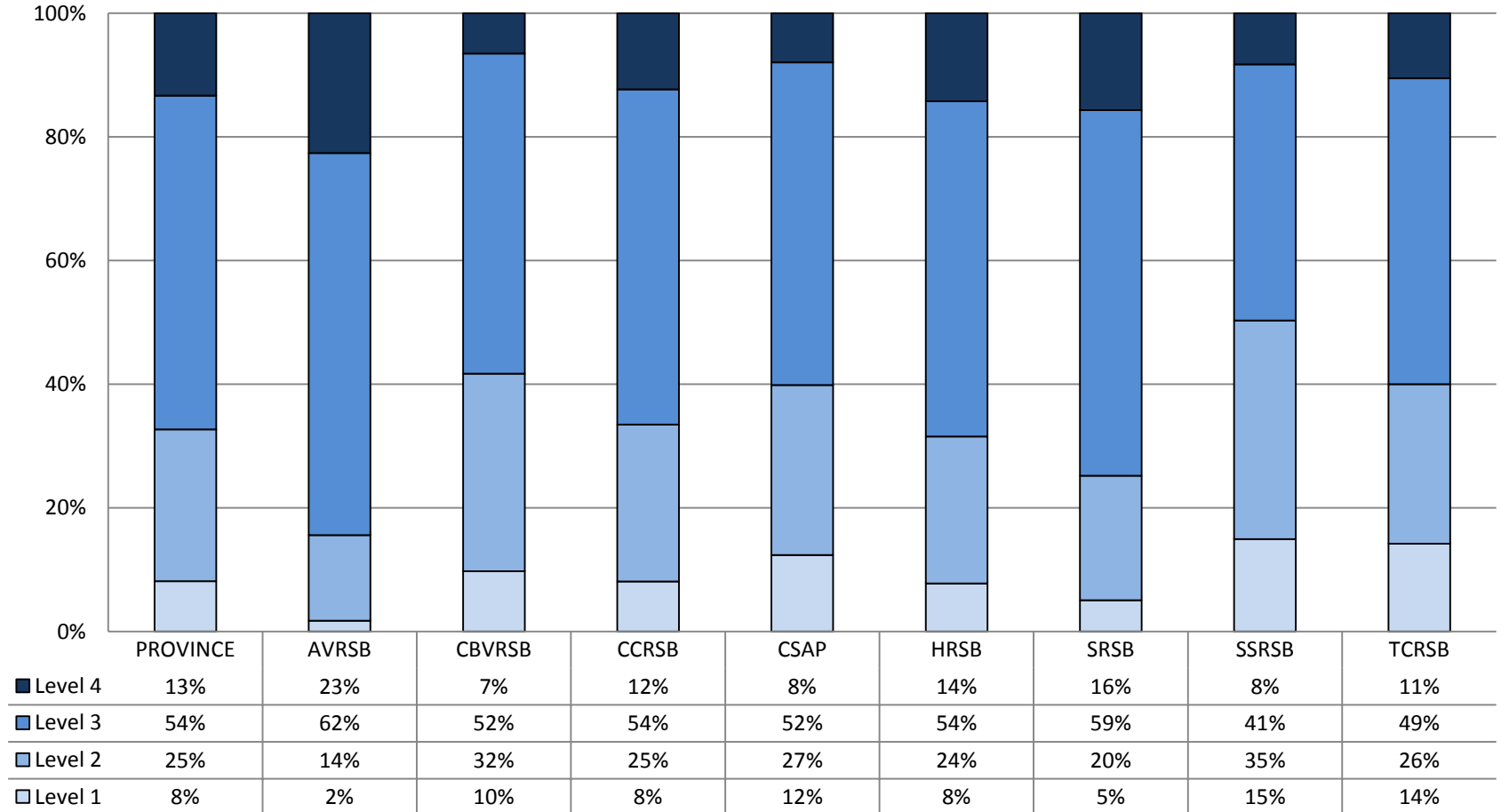


*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*

2014-2015 Nova Scotia Assessment: Mathematics 10

**Mathematics 10**

Percentage of students at each level



*\*Please note: IPP students are not included in the total # or the # who participated as they are a separate course code.*