

# 2022–23 Nova Scotia Examinations: English 10 and Mathematics 10

## Provincial Results for Students of Mi'kmaw or other Indigenous Ancestry

### About the examinations

Nova Scotia teachers work with the Department of Education and Early Childhood Development to develop, score and set the expectation on these exams. The expectation is what students should know and do independently at the end of grade 10. All items and texts on the examinations are based on the Nova Scotia curriculum. Nova Scotia Assessments and Examinations provide evidence that helps:

- teachers with information to help plan instruction
- parents and guardians with information about how their child is doing in reading, writing, and/or mathematics
- the department, regions, and schools with information to help make decisions – including supports for students who are historically marginalized.

For more information about the examinations, please visit:

<https://plans.ednet.ns.ca>

### About self-identification

Self-identification for ancestry or heritage is a voluntary part of the school registration process in Nova Scotia. As of November 2022, 84% of the provincial student population had some self-identification information recorded and 6% self-identified as having Mi'kmaw or other Indigenous ancestry.

### Assessment, equity and inclusive education

As noted in the Nova Scotia Inclusive Education Policy, inclusive education is a commitment to ensuring a high-quality, culturally and linguistically responsive and equitable education to support the well-being and achievement of every student.

Successful inclusive education requires a focus on equity by supporting success for students who are historically marginalized and racialized including African Nova Scotian and Mi'kmaw students. These disaggregated results enable us to examine how and what the system is doing to support student achievement and the resulting systemic impact on achievement in literacy and mathematics.

As part of the Student Success Planning process, schools use student evidence, including disaggregated data, to monitor and evaluate how students are doing and respond with appropriate, timely supports. The information from these provincial assessments and examinations should be used along with classroom assessment to help inform teaching and supports for every student.

### About this report

This report shows examination performance over time for students of Mi'kmaw or other Indigenous ancestry in Nova Scotia compared to all other students (that is, students who do not self-identify as having Mi'kmaw or other Indigenous ancestry).

Most students who participate in the examinations receive one of four levels in each main element of the exam:

Level 1 – below the expectation

Level 2 – approaching the expectation

Level 3 – at the expectation

Level 4 – above the expectation.

Occasionally, a student participates in the exam but does not complete enough work to allow us to determine a performance level. These students receive a determination of Not Enough Evidence (NE) in the affected element instead of a level. In this report, these students count as participating, but do not count as having received a level.

The charts and corresponding tables in this report show the percentage of students of Mi'kmaw or other Indigenous ancestry (chart lines) and all other students (chart bars) who performed at or above the examination expectation (that is, received a level 3 or level 4) in each of the main elements of the examinations:

English 10

- Reading,
- Writing - Ideas,
- Writing - Organization,
- Writing - Language Use,
- Writing - Conventions

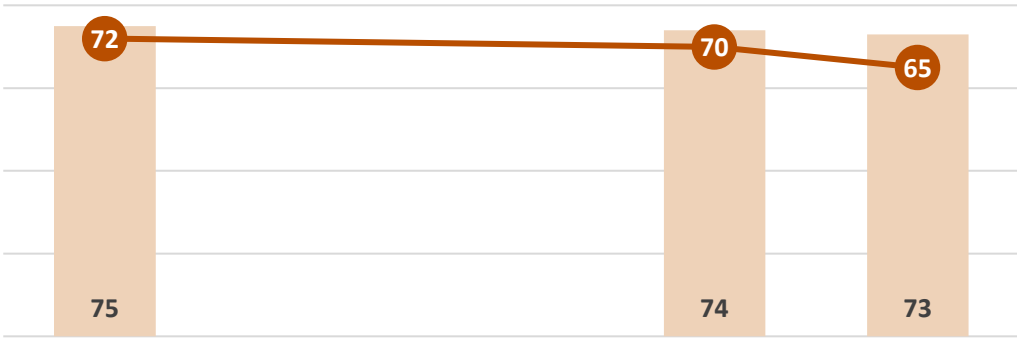
Mathematics 10

- Mathematics.

The data tables at the bottom of the Reading Performance and Mathematics Performance pages contains information about how many students participated and did not participate in the examinations.



## Grade 10 Reading Performance


  
 Mi'kmaw/  
Indigenous students  
 All other students

		2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	# who received a level	522	N/A	N/A	479	564
	# at or above the expectation	378	N/A	N/A	337	368
	% at or above the expectation	72%	N/A	N/A	70%	65%
All other students	# who received a level	9299	N/A	N/A	7610	8222
	# at or above the expectation	7012	N/A	N/A	5648	6017
	% at or above the expectation	75%	N/A	N/A	74%	73%
Difference in % at or above the expectation*		-3	N/A	N/A	-4	-8

\*Mi'kmaw/Indigenous minus all other

## English 10 Participation

This table describes student participation in the examination.

**Total # of students:** The number of students in the course within the specified student group at the time of the examination.

**Exempt - # (did not participate):** Student was absent or otherwise exempted from participating in the examination.



**IPP - # (did not participate):** The student's Program Planning Team determines whether students following an individual program plan (IPP) should participate.

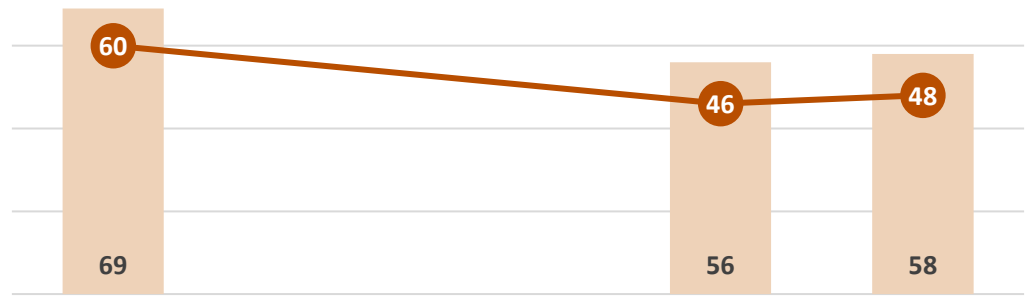
**Total # who participated:** Total # of students minus those who did not participate.

**Participation rate:** Considers all students who participated in the examination, including those who did not provide enough evidence to receive a level.

	Year	2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	Total # of students identified	550	N/A	N/A	568	658
	Exempt - # (did not participate)	28	N/A	N/A	89	88
	IPP - # (did not participate)	0	N/A	N/A	0	0
	Total # who participated	522	N/A	N/A	479	570
	Participation rate	95%	N/A	N/A	84%	87%
All other students	Total # of students identified	9665	N/A	N/A	8227	9065
	Exempt - # (did not participate)	366	N/A	N/A	617	816
	IPP - # (did not participate)	0	N/A	N/A	0	0
	Total # who participated	9299	N/A	N/A	7610	8249
	Participation rate	96%	N/A	N/A	93%	91%

## Grade 10 Writing Performance: Ideas



 Mi'kmaw/  
Indigenous students  
 All other students

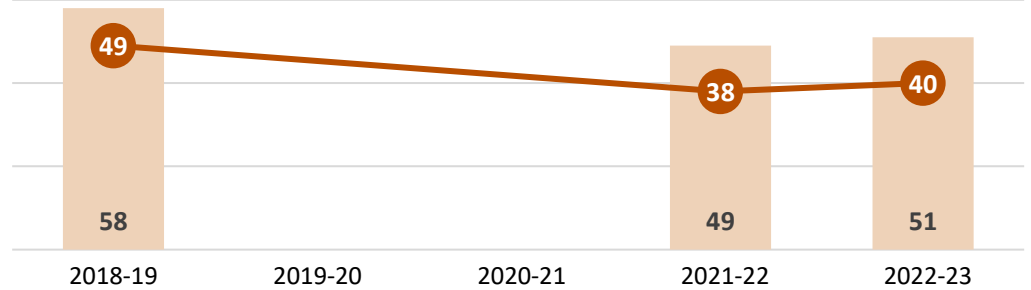


		2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	# who received a level	487	N/A	N/A	453	534
	# at or above the expectation	291	N/A	N/A	207	255
	% at or above the expectation	60%	N/A	N/A	46%	48%
All other students	# who received a level	8954	N/A	N/A	7300	7930
	# at or above the expectation	6194	N/A	N/A	4088	4581
	% at or above the expectation	69%	N/A	N/A	56%	58%
Difference in % at or above the expectation*		-9	N/A	N/A	-10	-10

\*Mi'kmaw/Indigenous minus all other

## Grade 10 Writing Performance: Organization



 Mi'kmaw/  
Indigenous students  
 All other students

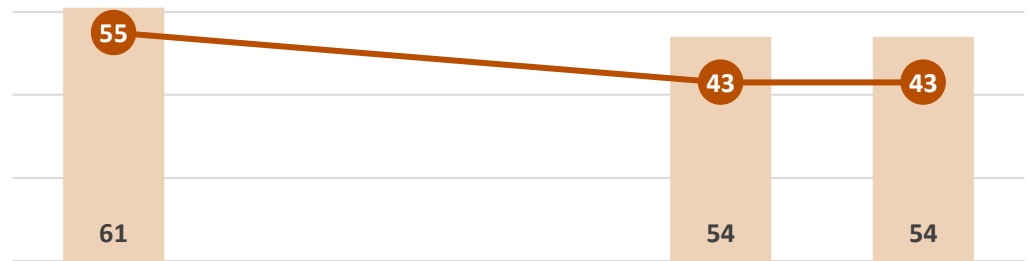


		2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	# who received a level	487	N/A	N/A	453	534
	# at or above the expectation	237	N/A	N/A	174	212
	% at or above the expectation	49%	N/A	N/A	38%	40%
All other students	# who received a level	8954	N/A	N/A	7300	7930
	# at or above the expectation	5228	N/A	N/A	3583	4046
	% at or above the expectation	58%	N/A	N/A	49%	51%
Difference in % at or above the expectation*		-9	N/A	N/A	-11	-11

\*Mi'kmaw/Indigenous minus all other

## Grade 10 Writing Performance: Language Use



 Mi'kmaw/  
Indigenous students  
 All other students

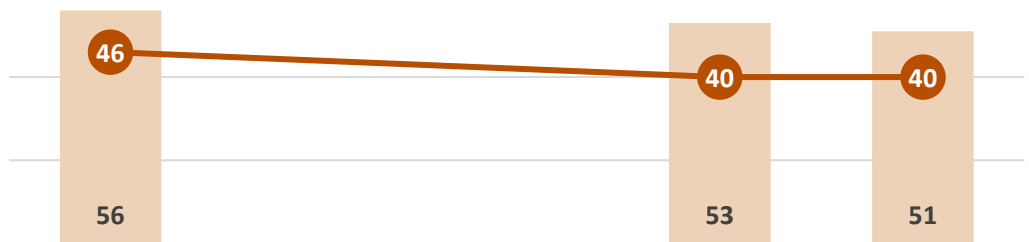


		2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	# who received a level	487	N/A	N/A	453	534
	# at or above the expectation	268	N/A	N/A	194	232
	% at or above the expectation	55%	N/A	N/A	43%	43%
All other students	# who received a level	8954	N/A	N/A	7300	7930
	# at or above the expectation	5506	N/A	N/A	3971	4297
	% at or above the expectation	61%	N/A	N/A	54%	54%
Difference in % at or above the expectation*		-6	N/A	N/A	-11	-11

\*Mi'kmaw/Indigenous minus all other

## Grade 10 Writing Performance: Conventions



 Mi'kmaw/  
Indigenous students  
 All other students

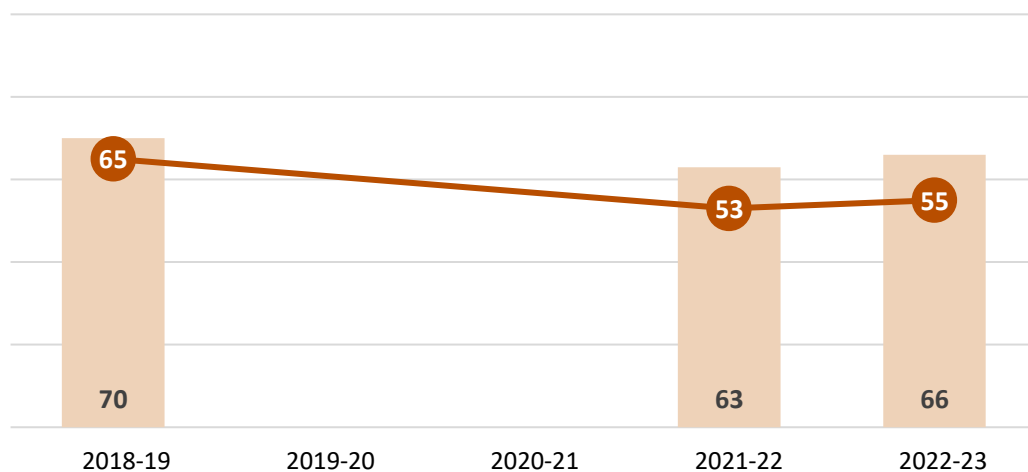


		2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	# who received a level	482	N/A	N/A	444	524
	# at or above the expectation	224	N/A	N/A	176	210
	% at or above the expectation	46%	N/A	N/A	40%	40%
All other students	# who received a level	8863	N/A	N/A	7201	7838
	# at or above the expectation	4973	N/A	N/A	3806	4006
	% at or above the expectation	56%	N/A	N/A	53%	51%
Difference in % at or above the expectation*		-10	N/A	N/A	-13	-11

\*Mi'kmaw/Indigenous minus all other

## Grade 10 Mathematics Performance

 Mi'kmaw/  
Indigenous students  
 All other students



		2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	# who received a level	285	N/A	N/A	264	342
	# at or above the expectation	185	N/A	N/A	141	188
	% at or above the expectation	65%	N/A	N/A	53%	55%
All other students	# who received a level	6416	N/A	N/A	5394	5704
	# at or above the expectation	4495	N/A	N/A	3389	3787
	% at or above the expectation	70%	N/A	N/A	63%	66%
Difference in % at or above the expectation*		-5	N/A	N/A	-10	-11

\*Mi'kmaw/Indigenous minus all other

### Mathematics 10 Participation

This table describes student participation in the examination.

**Total # of students:** The number of students in the course within the specified student group at the time of the examination.

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**Total # who participated:** Total # of students minus those who did not participate.

**Participation rate:** Considers all students who participated in the examination, including those who did not provide enough evidence to receive a level.

	Year	2018-19	2019-20	2020-21	2021-22	2022-23
Mi'kmaw/ Indigenous students	Total # of students identified	292	N/A	N/A	282	366
	Exempt - # (did not participate)	7	N/A	N/A	17	24
	IPP - # (did not participate)	0	N/A	N/A	0	0
	Total # who participated	285	N/A	N/A	265	342
	Participation rate	98%	N/A	N/A	94%	93%
All other students	Total # of students identified	6530	N/A	N/A	5586	6073
	Exempt - # (did not participate)	114	N/A	N/A	180	364
	IPP - # (did not participate)	0	N/A	N/A	0	0
	Total # who participated	6416	N/A	N/A	5406	5709
	Participation rate	98%	N/A	N/A	97%	94%