

Highlights of the Provincial Results

Grade 9 Assessment of Mathematics and
Ontario Secondary School Literacy Test (OSSLT)

English-Language Students, 2013–2014

Grade 9 Assessment of Mathematics

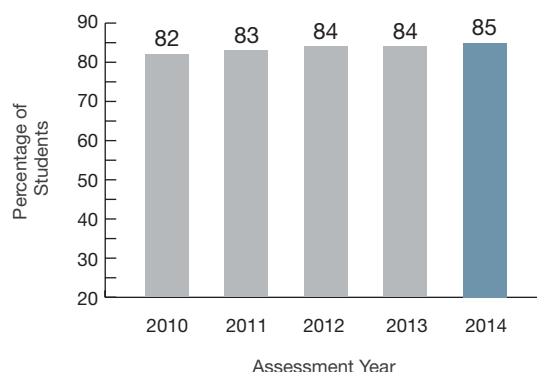


Comparison of Results Over Time

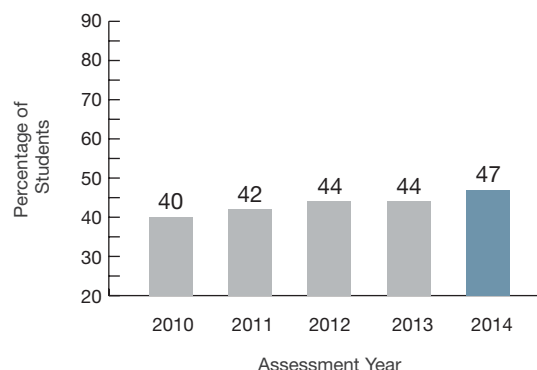
- There were 95 914 Grade 9 students enrolled in the academic course and 38 181 in the applied course at the time of the 2013–2014 assessment.
- This assessment measures the mathematics skills *The Ontario Curriculum* expects students to have learned by the end of Grade 9. Separate versions of the assessment are administered to students in the academic and the applied courses.

Percentage of Grade 9 Students at or Above
the Provincial Standard (Levels 3 and 4)

Academic



Applied



Tracking Progress in Math from Grade 3 Through Grade 6 to Grade 9

Keeping tabs on every student through his or her schooling helps support the progress of all learners.

Key Findings: What Tracking Students from Grade 3 Through Grade 6 to Grade 9 Tells Us:

- **Students who meet the provincial standard early in their schooling are more likely to maintain their high achievement in secondary school.**

Of the students who had met the provincial standard in both Grade 3 and Grade 6, 94% in the Grade 9 academic mathematics course and 82% in the Grade 9 applied mathematics course met it again.

- **Students who do not meet the provincial standard early in their schooling are more likely to continue not meeting it in later grades.**

Of the students who had not met the provincial standard in Grade 3 and also had not in Grade 6, 49% in the Grade 9 academic mathematics course and 65% in the Grade 9 applied mathematics course did not meet it.

- **Pinpointing the needs of students early and providing support makes a difference.**

The large majority of students who had not met the standard in Grade 3 but were supported and improved to meet it in Grade 6 carried that success forward into Grade 9. Of the students who had not met the provincial standard in Grade 3 but had met it in Grade 6, 81% in the Grade 9 academic mathematics course and 70% in the Grade 9 applied mathematics course met it again.

About the Graphs on the Following Page

The graphs on the following page show how students who were in the Grade 9 academic and applied math courses in 2014 performed compared to their results when they were in Grade 3 in 2008 and Grade 6 in 2011.

The percentages in the charts are based on the number of students who could be tracked, including those who participated, were exempted or did not provide enough work to be scored. Specifically,

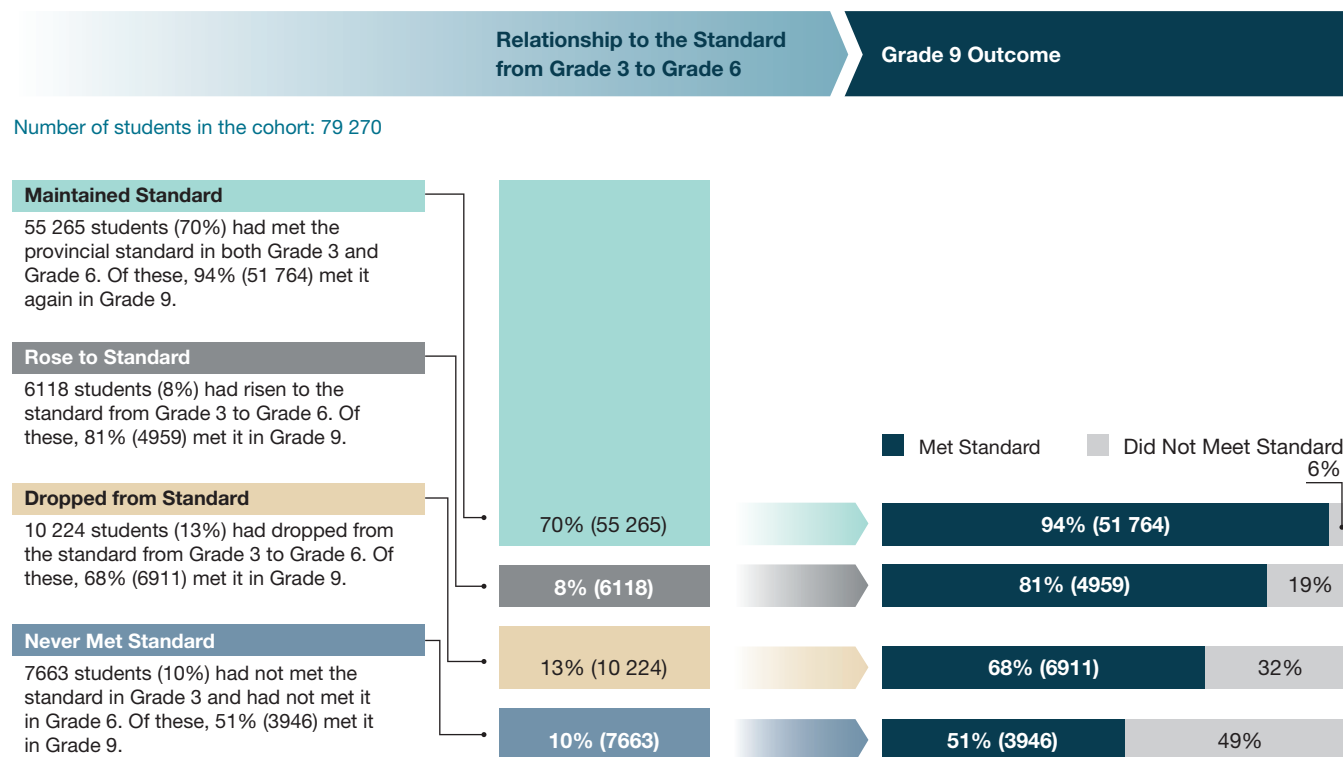
- of the 95 914 students enrolled in the Grade 9 academic course in 2014, 79 270 (83%) could be tracked in Grade 3 and Grade 6.
- of the 38 181 students enrolled in the Grade 9 applied course in 2014, 28 240 (74%) could be tracked in Grade 3 and Grade 6.

Their achievement in Grade 3 and Grade 6 is illustrated through four different categories:

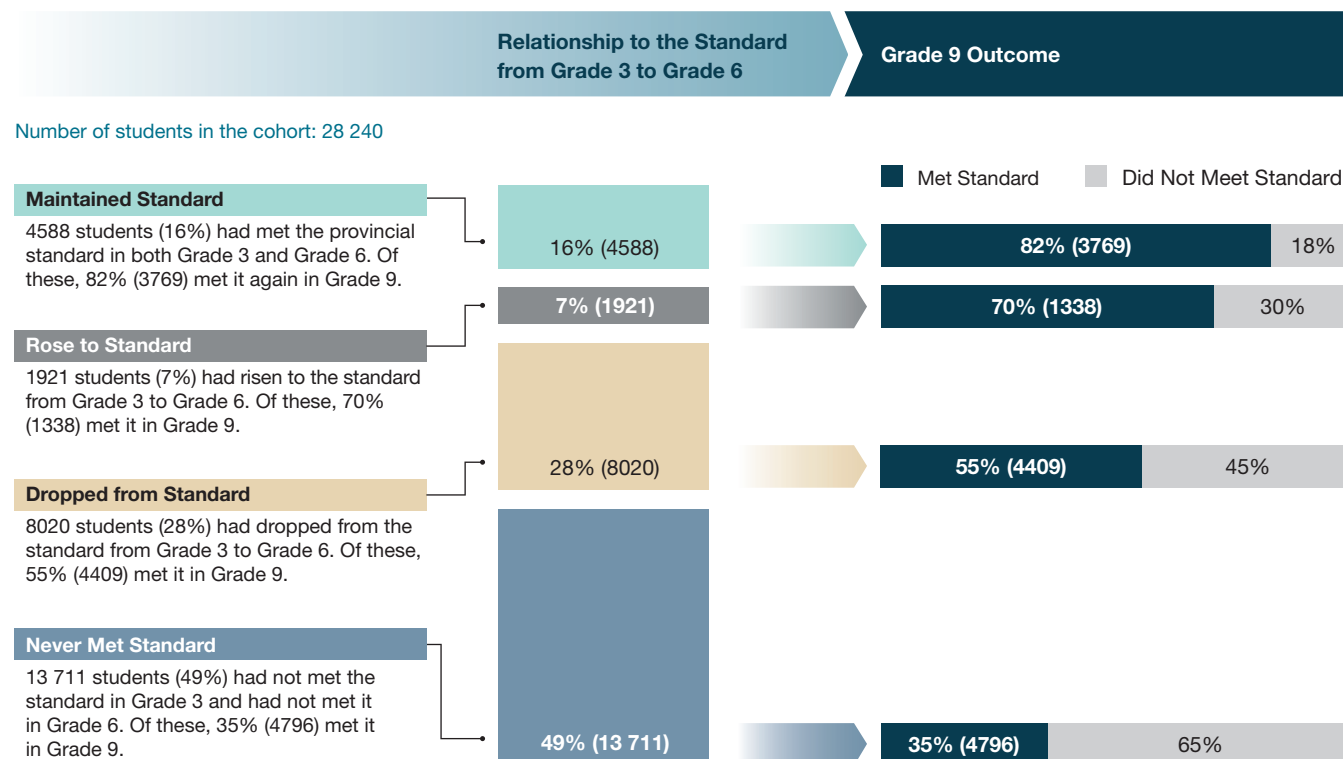
- **Maintained Standard**
- **Rose to Standard**
- **Dropped from Standard**
- **Never Met Standard**

Note: Student results in the analyses throughout this document have been linked using the students' names and their Ontario Education Numbers (OENs). Not all results could be linked. Reasons include the student's recent arrival in Ontario (i.e., he or she was not in the school system for the previous assessment), misspelled names or inaccurate OENs. Numbers have been rounded off to the nearest whole percentage throughout this document.

ACADEMIC MATHEMATICS COURSE



APPLIED MATHEMATICS COURSE

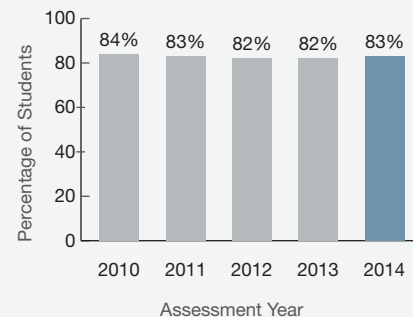


Ontario Secondary School Literacy Test (OSSLT)

The publicly funded school system continues to ensure the vast majority of students are developing the required literacy skills by Grade 10.

- Of the 141 815 students who were eligible to participate for the first time,
 - 131 712 (93%) participated fully.
- Of the 131 712 first-time eligible students who wrote the test,
 - 108 914 (83%) were successful and
 - 22 798 (17%) were unsuccessful.

Success Rates Over Five Years for Fully Participating First-Time Eligible Students

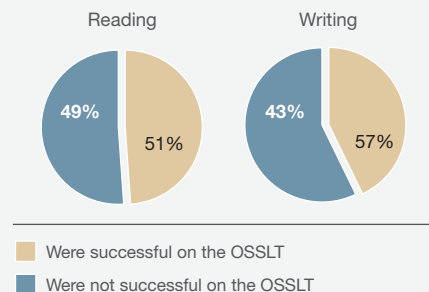


EQAO tracked the progress of students by linking their results on EQAO's elementary school assessments to their OSSLT results in Grade 10. The pie charts below track the students' progress from the junior-division assessment in 2010 to the OSSLT in 2014. The charts on the following page reach back even further to the primary-division assessment in 2007, when these students were in Grade 3. In all charts, the percentages are based on the number of tracked students in the cohort who participated in the OSSLT and for whom EQAO has elementary school assessment results (including those who participated, those who were exempted and those who provided no work to be scored).

Progress of Students Who Had Not Met the Standard in Grade 6

In 2014, of the 29 401 students who wrote the OSSLT and who had not met the reading standard in Grade 6, more than half (51%, 15 081) were successful. Of the 31 339 students who wrote the OSSLT and who had not met the writing standard in Grade 6, 17 893 (57%) were successful.

Had Not Met the Standard in Grade 6



Students Who Were Unsuccessful on the OSSLT in 2014

Most of the first-time eligible students who were unsuccessful on this year's OSSLT also had not met the provincial standard in one or both of reading and writing in Grade 6.

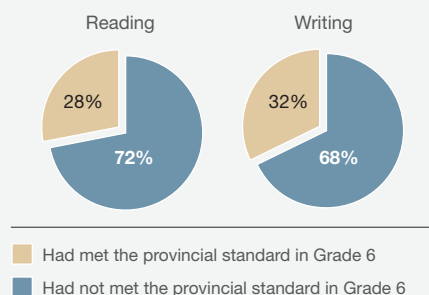
Reading

Of the 19 779 students who were unsuccessful on the 2014 OSSLT and who had written the junior-division assessment in 2010, 72% (14 320) also had not met the provincial reading standard in Grade 6.

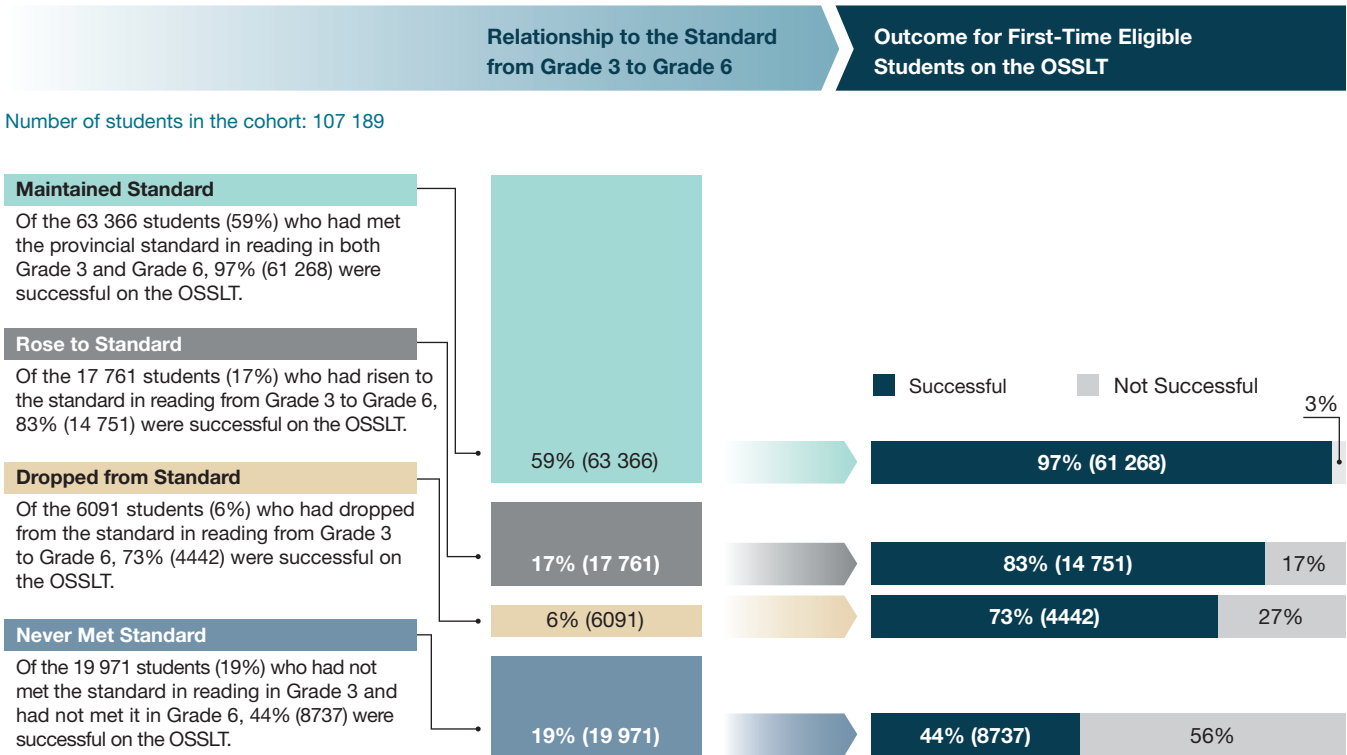
Writing

Of the 19 798 students who were unsuccessful on the 2014 OSSLT and who had written the junior-division assessment in 2010, 68% (13 446) also had not met the provincial writing standard in Grade 6.

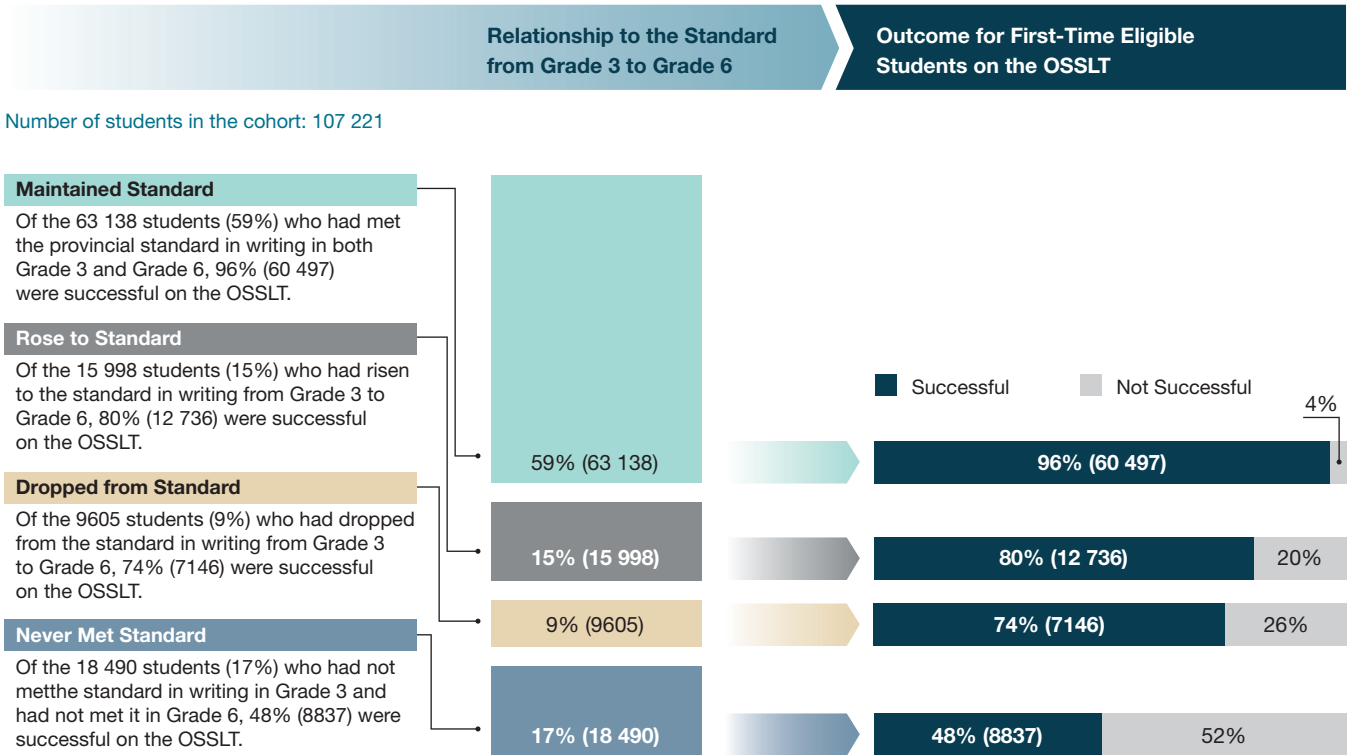
Unsuccessful on the 2014 OSSLT



READING



WRITING



Please visit www.eqao.com for more information.

About EQAO

EQAO's tests measure student achievement in reading, writing and mathematics in relation to *Ontario Curriculum* expectations. The resulting data provide accountability and a gauge of quality in Ontario's publicly funded education system. By providing this important evidence about learning, EQAO acts as a catalyst for increasing the success of Ontario students.

The objective and reliable results from EQAO's tests complement the information obtained from classroom and other assessments to provide students, parents, teachers and administrators with a clear and comprehensive picture of student achievement and a basis for targeted improvement planning at the individual, school, school board and provincial levels. EQAO helps build capacity for the appropriate use of data by providing resources that educators, parents, policy-makers and others in the education community can use to improve learning and teaching. EQAO distributes an individual report to each student who writes a test, and posts school, school board and provincial results on its Web site.

**Education Quality and
Accountability Office**



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