

2016 Minnesota Assessment Results

Reading, Mathematics and Science

Test Overview

- Reading assessments in grades 3-8 and 10 test performance on 2010 Minnesota Academic Standards.
 - MCA-III was first given to students in 2013.
- Mathematics assessments in grades 3-8 and grade 11 test performance on 2007 Minnesota Academic Standards.
 - MCA-III was first given to grades 3-8 students in 2011.
 - MCA-III for grade 11 students was given to students for the first time in 2014.
- Science assessments in grades 5, 8, and HS test performance on 2009 Minnesota Academic Standards.
 - MCA-III started in 2012 for science.

For additional data, please visit the MDE Data Center.

2016 Reading, Mathematics and Science Results

What is being released?

- 2016 Minnesota Assessment Results include student performance in reading, mathematics and science from two testing programs:
 - MCA
 - MTAS
- These tests measure how Minnesota students are doing on state academic standards in reading, mathematics and science.
 - The test rigor is consistent with high expectations in academic standards.
 - Standards and proficiency expectations increase as grade level increases.
- The assessments are direct measures of student performance.
- The results do not include students who did not participate in the assessments.

Reading Results

Reading MCA-III Grades 3-8 and 10 Percent Meets and Exceeds

Scores include MCA-III tests from 2013 to 2016.

A new Reading test was introduced in 2013 and cannot be compared to previous years.

Grade	2013	2014	2015	2016
All grades	58%	59%	59%	60%
Grade 3	57%	58%	59%	57%
Grade 4	54%	55%	58%	58%
Grade 5	64%	68%	67%	68%
Grade 6	59%	61%	64%	62%
Grade 7	54%	56%	56%	57%
Grade 8	54%	56%	56%	57%
Grade 10	62%	60%	57%	59%

Reading MCA-III Grades 3-8 and 10 Percent Meets and Exceeds by Race/Ethnicity

Scores include MCA-III tests from 2013 to 2016.

A new Reading test was introduced in 2013 and cannot be compared to previous years.

Race/Ethnicity	2013	2014	2015	2016
All Students	58%	59%	59%	60%
American Indian	34%	36%	38%	39%
Asian/Pacific Islander	49%	52%	54%	56%
Hispanic	34%	35%	36%	38%
Black	32%	33%	34%	35%
White	65%	67%	67%	68%

Reading MCA-III Grades 3-8 and 10

Percent Meets and Exceeds by Special Populations

Scores include MCA-III tests from 2013 to 2016.

A new Reading test was introduced in 2013 and cannot be compared to previous years.

For each Special Population group, only students receiving services in the given year are included in results for that year.

Special Population	2013	2014	2015	2016
English Learner	16%	16%	17%	16%
Free and Reduced Priced Lunch	38%	39%	40%	40%
Special Education	27%	28%	26%	26%

Reading MTAS-III Grades 3-8 and 10 Percent Meets and Exceeds

The Minnesota Test of Academic Skills (MTAS) is an alternate assessment based on alternate achievement standards for students with the most significant cognitive disabilities.

Scores include MTAS-III tests from 2013 to 2016.

A new Reading test was introduced in 2013 and cannot be compared to previous years.

Grade	2013	2014	2015	2016
All grades	68%	67%	67%	68%
Grade 3	72%	69%	70%	75%
Grade 4	68%	70%	64%	69%
Grade 5	69%	69%	68%	68%
Grade 6	69%	59%	66%	58%
Grade 7	65%	64%	64%	63%
Grade 8	67%	70%	71%	74%
Grade 10	67%	73%	69%	73%

Mathematics Results

Mathematics MCA-III Grades 3-8

Percent Meets and Exceeds

In 2012 students were given up to 3 opportunities to take the test online; highest score was score of record.

Scores include MCA-III tests 2011 to 2016.

A new Mathematics test was introduced in grades 3 to 8 in 2011 and cannot be compared to previous years.

Grade	2011	2012	2013	2014	2015	2016
All grades	58%	65%	63%	63%	62%	61%
Grade 3	70%	76%	71%	72%	71%	69%
Grade 4	67%	73%	71%	70%	70%	69%
Grade 5	54%	62%	60%	62%	60%	59%
Grade 6	50%	60%	57%	57%	58%	56%
Grade 7	52%	59%	56%	57%	55%	56%
Grade 8	53%	62%	59%	60%	58%	58%

Mathematics MCA-III Grade 11 Percent Meets and Exceeds

Scores include MCA-III tests from 2014 to 2016.

A new Mathematics test was introduced in grade 11 in 2014 and cannot be compared to previous years.

Grade	2014	2015	2016
Grade 11	51%	49%	47%

Mathematics MCA-III Grades 3-8

Percent Meets and Exceeds by Race/Ethnicity

In 2012 students were given up to 3 opportunities to take the test online; highest score was score of record.

Scores include MCA-III tests 2011 to 2016.

A new Mathematics test was introduced in grades 3 to 8 in 2011 and cannot be compared to previous years.

Race/Ethnicity	2011	2012	2013	2014	2015	2016
All Students	58%	65%	63%	63%	62%	61%
American Indian	32%	41%	37%	38%	37%	37%
Asian/Pacific Islander	56%	62%	61%	62%	61%	60%
Hispanic	33%	41%	39%	40%	39%	38%
Black	30%	36%	35%	35%	33%	32%
White	65%	73%	70%	71%	70%	70%

Mathematics MCA-III Grade 11

Percent Meets and Exceeds by Race/Ethnicity

Scores include MCA-III tests from 2014 to 2016.

A new Mathematics test was introduced in grade 11 in 2014 and cannot be compared to previous years.

Race/Ethnicity	2014	2015	2016
All Students	51%	49%	47%
American Indian	24%	23%	22%
Asian/Pacific Islander	48%	48%	48%
Hispanic	25%	24%	22%
Black	20%	18%	19%
White	57%	55%	53%

Mathematics MCA-III Grades 3-8

Percent Meets and Exceeds by Special Populations

In 2012 students were given up to 3 opportunities to take the test online; highest score was score of record.

Scores include MCA-III tests 2011 to 2016.

A new Mathematics test was introduced in grades 3 to 8 in 2011 and cannot be compared to previous years.

For each Special Population group, only students receiving services in the given year are included in results for that year.

Special Population	2011	2012	2013	2014	2015	2016
English Learner	27%	33%	29%	29%	26%	24%
Free and Reduced Priced Lunch	39%	47%	44%	44%	42%	41%
Special Education	29%	37%	34%	34%	29%	28%

Mathematics MCA-III Grade 11

Percent Meets and Exceeds by Special Populations

Scores include MCA-III tests from 2014 to 2016.

A new Mathematics test was introduced in grade 11 in 2014 and cannot be compared to previous years.

For each Special Population group, only students receiving services in the given year are included in results for that year.

Special Population	2014	2015	2016
English Learner	9%	7%	4%
Free and Reduced Priced Lunch	28%	27%	25%
Special Education	12%	11%	10%

Mathematics MTAS-III Grades 3-8

Percent Meets and Exceeds

The Minnesota Test of Academic Skills (MTAS) is an alternate assessment based on alternate achievement standards for students with the most significant cognitive disabilities.

Scores include MTAS-III tests 2011 to 2016.

A new Mathematics test was introduced in grades 3 to 8 in 2011 and cannot be compared to previous years.

Grade	2011	2012	2013	2014	2015	2016
All grades	64%	67%	66%	66%	67%	68%
Grade 3	72%	75%	71%	77%	74%	83%
Grade 4	74%	70%	74%	74%	71%	76%
Grade 5	57%	62%	62%	60%	60%	60%
Grade 6	62%	69%	72%	68%	76%	69%
Grade 7	54%	56%	48%	56%	48%	55%
Grade 8	65%	67%	67%	66%	71%	70%

Mathematics MTAS-III Grade 11 Percent Meets and Exceeds

The Minnesota Test of Academic Skills (MTAS) is an alternate assessment based on alternate achievement standards for students with the most significant cognitive disabilities.

Scores include MTAS-III tests from 2014 to 2016.

A new Mathematics test was introduced in grade 11 in 2014 and cannot be compared to previous years.

Grade	2014	2015	2016
Grade 11	52%	51%	57%

Science Results

Science MCA-III Grades 5, 8 and High School Percent Meets and Exceeds

Scores include MCA-III tests from 2012 to 2016.

A new Science test was introduced in 2012 and cannot be compared to previous years.

Grade	2012	2013	2014	2015	2016
All grades	50%	52%	53%	53%	55%
Grade 5	58%	60%	61%	59%	61%
Grade 8	42%	44%	45%	45%	47%
High School	52%	53%	53%	55%	56%

Science MCA-III Grades 5, 8, and High School Percent Meets and Exceeds by Race/Ethnicity

Scores include MCA-III tests from 2012 to 2016.

A new Science test was introduced in 2012 and cannot be compared to previous years.

Race/Ethnicity	2012	2013	2014	2015	2016
All Students	50%	52%	53%	53%	55%
American Indian	25%	27%	28%	29%	31%
Asian/Pacific Islander	40%	42%	45%	46%	50%
Hispanic	24%	27%	28%	27%	30%
Black	20%	23%	23%	24%	25%
White	58%	60%	61%	62%	63%

Science MCA-III Grades 5, 8, and High School Percent Meets and Exceeds by Special Populations

Scores include MCA-III tests from 2012 to 2016.

A new Science test was introduced in 2012 and cannot be compared to previous years.

For each Special Population group, only students receiving services in the given year are included in results for that year.

Special Population	2012	2013	2014	2015	2016
English Learner	11%	11%	10%	8%	9%
Free and Reduced Priced Lunch	31%	32%	33%	32%	34%
Special Education	23%	24%	24%	23%	25%

Science MTAS-III Grades 5, 8, and High School Percent Meets and Exceeds

The Minnesota Test of Academic Skills (MTAS) is an alternate assessment based on alternate achievement standards for students with the most significant cognitive disabilities.

Scores include MTAS-III tests from 2012 to 2016.

A new Science test was introduced in 2012 and cannot be compared to previous years.

Grade	2012	2013	2014	2015	2016
All grades	75%	71%	74%	75%	74%
Grade 5	73%	70%	73%	70%	70%
Grade 8	82%	79%	80%	83%	80%
High School	68%	62%	68%	70%	70%

2016 Accountability Results

- What about accountability?
 - Information about how well individual schools are performing on the Multiple Measurements Rating (MMR) will be released in early September.
 - Each Minnesota school receives a combined score that includes results in proficiency, growth, achievement gap reduction, and graduation rates.
 - Growth is a significant factor in MMR, and growth tells us if students are progressing at expected rates from year to year.
 - 2016 growth expectations are being finalized in the coming weeks.

Refusal Data

Mathematics and Reading

This represents the parental opt-out.

Refusal Counts by Grade for All Accountability Tests (MCA-III, MOD-III, and MTAS-III) Mathematics and Reading

