



2017 Minnesota Assessment Results Reading, Mathematics and Science

Embargoed until 12:01 a.m.

Monday, August 7, 2017

2017 Reading, Mathematics and Science Results

What is being released?

- 2017 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.

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.

Reading Results

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

- Scores include MCA-III tests from 2013-17.
- A new reading test was introduced in 2013 and cannot be compared to previous years.
- Adaptive and off-grade testing (grades 3-8) was added in 2016 per legislation.

Grade	2013	2014	2015	2016	2017
All grades	58%	59%	59%	60%	60%
Grade 3	57%	58%	59%	57%	57%
Grade 4	54%	55%	58%	58%	57%
Grade 5	64%	68%	67%	68%	67%
Grade 6	59%	61%	64%	62%	63%
Grade 7	54%	56%	56%	57%	57%
Grade 8	54%	56%	56%	57%	59%
Grade 10	62%	60%	57%	59%	60%

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

- Scores include MCA-III tests from 2014-17.
- Adaptive and off-grade testing (grades 3-8) was added in 2016 per legislation
- Race/Ethnic codes changed to the seven federal race codes in 2016 and for the previous two years

Race/ Ethnicity	2014	2015	2016	2017
All Students	59%	59%	60%	60%
Hispanic/Latino	36%	37%	38%	38%
American Indian/Alaska Native	33%	34%	35%	35%
Asian	50%	52%	54%	53%
Black/African American	32%	32%	33%	33%
Native Hawaiian/Pacific Islander	50%	48%	48%	52%
White	67%	68%	68%	69%
Two or more races	53%	55%	55%	55%

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

- Scores include MCA-III tests from 2013-17.
- A new reading test was introduced in 2013 and cannot be compared to previous years.
- Adaptive and off-grade testing (grades 3-8) was added in 2016 per legislation.
- 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	2017
English Learner	16%	16%	17%	16%	14%
Free and Reduced-Priced Lunch	38%	39%	40%	40%	40%
Special Education	27%	28%	26%	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 2013-17.
- A new reading test was introduced in 2013 and cannot be compared to previous years.

Grade	2013	2014	2015	2016	2017
All grades	68%	67%	67%	68%	69%
Grade 3	72%	69%	70%	75%	75%
Grade 4	68%	70%	64%	69%	68%
Grade 5	69%	69%	68%	68%	69%
Grade 6	69%	59%	66%	58%	63%
Grade 7	65%	64%	64%	63%	64%
Grade 8	67%	70%	71%	74%	70%
Grade 10	67%	73%	69%	73%	72%

Mathematics Results

Mathematics MCA-III Grades 3-8

Percent Meets and Exceeds

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

- Scores include MCA-III tests from 2011-17.
- A new mathematics test was introduced in grades 3-8 in 2011 and cannot be compared to previous years.
- Adaptive testing was added in 2012 per legislation.
- Off-grade testing was added in 2016 per legislation.

Grade	2011	2012*	2013	2014	2015	2016	2017
All grades	58%	65%*	63%	63%	62%	61%	60%
Grade 3	70%	76%*	71%	72%	71%	69%	68%
Grade 4	67%	73%*	71%	70%	70%	69%	67%
Grade 5	54%	62%*	60%	62%	60%	59%	57%
Grade 6	50%	60%*	57%	57%	58%	56%	55%
Grade 7	52%	59%*	56%	57%	55%	56%	55%
Grade 8	53%	62%*	59%	60%	58%	58%	58%

Mathematics MCA-III Grades 11 Percent Meets and Exceeds

- Scores include MCA-III tests from 2011-17.
- A new mathematics test was introduced in grade 11 in 2014 and cannot be compared to previous years.
- Adaptive testing was added in 2016 per legislation.

Grade	2014	2015	2016	2017
Grade 11	51%	49%	47%	48%

Mathematics MCA-III Grades 3-8 and 11 Percent Meets and Exceeds by Race/Ethnicity

- Scores include MCA-III tests from 2014-17.
- Adaptive testing was added in 2012 (grades 3-8) and 2016 (grade 11) per legislation.
- Off-grade testing was added in 2016 per legislation.
- Race/Ethnic codes changed to the seven federal race codes in 2016 and for the previous two years.

Race/ Ethnicity	2014	2015	2016	2017
All Students	61%	60%	59%	59%
Hispanic/Latino	38%	37%	36%	35%
American Indian/Alaska Native	33%	32%	31%	30%
Asian	59%	58%	57%	57%
Black/African American	32%	30%	29%	28%
Native Hawaiian/Pacific Islander	45%	45%	44%	46%
White	69%	68%	68%	68%
Two or more races	55%	54%	53%	52%

Mathematics MCA-III Grades 3-8

Percent Meets and Exceeds Special Populations

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

- Scores include MCA-III tests from 2011-17.
- A new mathematics test was introduced in grades 3-8 in 2011 and cannot be compared to previous years.
- Adaptive testing was added in 2012 per legislation.
- Off-grade testing was added in 2016 per legislation.
- 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	2017
English Learner	27%	33%*	29%	29%	26%	24%	21%
Free and Reduced-Priced Lunch	39%	47%*	44%	44%	42%	41%	39%
Special Education	29%	37%*	34%	34%	29%	28%	28%

Mathematics MCA-III Grade 11

Percent Meets and Exceeds Special Populations

- Scores include MCA-III tests from 2014-17.
- A new mathematics test was introduced in grade 11 in 2014 and cannot be compared to previous years.
- Adaptive testing was added in 2016 per legislation.
- 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	2017
English Learner	9%	7%	4%	6%
Free and Reduced-Priced Lunch	28%	27%	25%	26%
Special Education	12%	11%	10%	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 from 2011-17.
- A new mathematics test was introduced in grades 3-8 in 2011 and cannot be compared to previous years.

Grade	2011	2012	2013	2014	2015	2016	2017
All grades	64%	67%	66%	66%	67%	68%	67%
Grade 3	72%	75%	71%	77%	74%	83%	73%
Grade 4	74%	70%	74%	74%	71%	76%	76%
Grade 5	57%	62%	62%	60%	60%	60%	61%
Grade 6	62%	69%	72%	68%	76%	69%	73%
Grade 7	54%	56%	48%	56%	48%	55%	50%
Grade 8	65%	67%	67%	66%	71%	70%	71%

Mathematics MTAS-III Grades 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 2014-17.
- A new mathematics test was introduced in grade 11 in 2014 and cannot be compared to previous years.

Grade	2014	2015	2016	2017
All grades	52%	51%	57%	51%

Science Results

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

- Scores include MCA-III tests from 2012-17.
- A new science test was introduced in 2012 and cannot be compared to previous years.

Grade	2012	2013	2014	2015	2016	2017
All grades	50%	52%	53%	53%	55%	54%
Grade 5	58%	60%	61%	59%	61%	60%
Grade 8	42%	44%	45%	45%	47%	46%
High School	52%	53%	53%	55%	56%	56%

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

- Scores include MCA-III tests from 2014-17.
- Race/Ethnic codes changed to the seven federal race codes in 2016 and for the previous two years.

Race/ Ethnicity	2014	2015	2016	2017
All Students	53%	53%	55%	54%
Hispanic/Latino	28%	27%	30%	29%
American Indian/Alaska Native	25%	25%	25%	27%
Asian	43%	44%	48%	47%
Black/African American	22%	22%	23%	22%
Native Hawaiian/Pacific Islander	43%	30%	51%	35%
White	61%	62%	63%	63%
Two or more races	44%	47%	50%	48%

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

- Scores include MCA-III tests from 2012-17.
- 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	2017
English Learner	11%	11%	10%	8%	9%	7%
Free and Reduced-Priced Lunch	31%	32%	33%	32%	34%	33%
Special Education	23%	24%	24%	23%	25%	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 2012-17.
- A new science test was introduced in 2012 and cannot be compared to previous years.

Grade	2012	2013	2014	2015	2016	2017
All Grades	75%	71%	74%	75%	74%	75%
Grade 5	73%	70%	73%	70%	70%	72%
Grade 8	82%	79%	80%	83%	80%	80%
High School	68%	62%	68%	70%	70%	74%

Refusal Data (opt-out) for mathematics and reading

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

Parent Refusals – Mathematics

Parent Refusals MATH	2013	2014	2015	2016	2017
Grade 3	16	53	168	335	401
Grade 4	24	55	178	331	484
Grade 5	36	39	151	325	455
Grade 6	19	48	146	286	570
Grade 7	15	63	189	394	551
Grade 8	27	52	210	473	794
Grade 11	19	301	694	2227	2522

Parent Refusals - Reading

Parent Refusals READING	2013	2014	2015	2016	2017
Grade 3	21	62	165	317	397
Grade 4	27	58	172	324	467
Grade 5	36	36	144	314	440
Grade 6	22	53	133	272	535
Grade 7	15	62	167	350	507
Grade 8	27	51	192	386	665
Grade 10	11	151	763	1404	1776

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

In 2017, specificity was added to designate if the refusal was parent or student.

Student refusals: mathematics

Student Refusals MATH	2017
Grade 3	16
Grade 4	21
Grade 5	18
Grade 6	19
Grade 7	41
Grade 8	67
Grade 11	781

Student refusals: reading

Student Refusals READING	2017
Grade 3	24
Grade 4	16
Grade 5	13
Grade 6	18
Grade 7	40
Grade 8	53
Grade 10	439

2017-18 Transition Year

- No Multiple Measure Rating (MMR), Adequate Yearly Progress (AYP), or Annual Measurable Achievement Objectives (AMAO) will be computed or released in summer 2017.
- The 2017-18 school year will serve as another year of transition to our new accountability system. [Transition-year document](#)
- [State plan is available for comment](#) through August 31, 2017.
(<http://education.state.mn.us/MDE/dse/ESSA/StatePlanPublicComment/>)
- North Star Excellence and Equity System will have initial calculations available in September 2018.