

Subscore Report User Guide

This guide provides information on the Subscore Report file format and content, as well as instructions for viewing and downloading these public reports on the [Minnesota Assessment Hub](#) (under Reporting > Subscore Report).

Overview of the Subscore Report

The Subscore Report provides public access to school-, district-, and state-level subscore data, also known as content area performance details or strand performance levels on the Minnesota Comprehensive Assessments (MCAs).

The MCAs are aligned to the Minnesota K-12 Academic Standards for the subjects of reading, math, and science. Learn about the [Minnesota Academic Standards](#) on the MDE website (MDE website > Districts, Schools and Educators > Teaching and Learning > Academic Standards (K-12)). For questions, contact mde.testing@state.mn.us. Note: Minnesota K-12 Academic Standards for all subjects are revised on a 10-year cycle. The Science MCA-IV aligned to revised science standards was first administered in school year 2024-25 and the first administration of the new Reading MCA-IV was in school year 2025-26. The timeline for the first administration of the new Math MCA-IV is school year 2027-28.

The Subscore Report contains content area performance details or strand performance levels for Reading MCA-III (2022-25), Reading MCA-IV (2026), Math MCA-III (2022-26), Science MCA-III (2022-24), and Science MCA-IV (2025-26).

The strand performance levels/content area performance details are determined by comparing the school or district performance to the state expectation at the "Meets" achievement/performance level; this is reported as *Below Expectations (B)*, *At or Near Expectations (N)*, and *Above Expectations (A)*. For each grade and subject the MCA is administered in, this report includes the percentage of students at B, N and A levels for each strand/content area calculated by aggregating the B, N, and A levels at the school, district, and state level.

The Subscore Report also allows users to generate charts and graphs by student groups that may be used for school and district level decision-making and planning at the subscore or strand performance level/content area performance detail. This data should be used in conjunction with other school and district data when making instructional or curriculum decisions and plans.

Additional public assessment summary data can be found on the [Minnesota Report Card](#) (MDE website > Data Center > Minnesota Report Card) and on the [Assessment Files](#) page (MDE website > Data Center > Data Reports and Analytics > Accountability and Assessment > Assessment Files).

Student privacy protections apply to all public data. For more information about student privacy and public data, please reference the [Data Practices](#) page (MDE website > About MDE > Data Practices).

Using Assessment Data

Assessments are designed to provide information about student learning, but no single assessment can show the full picture of what a student knows and can do. MCA results provide one data point that should be considered in the context of additional evidence. Learn more about the statewide assessments on the [Statewide Testing](#) page (MDE website > Districts, Schools and Educators > Teaching and Learning > Statewide Testing).

About the Standards Based Accountability Assessments Data

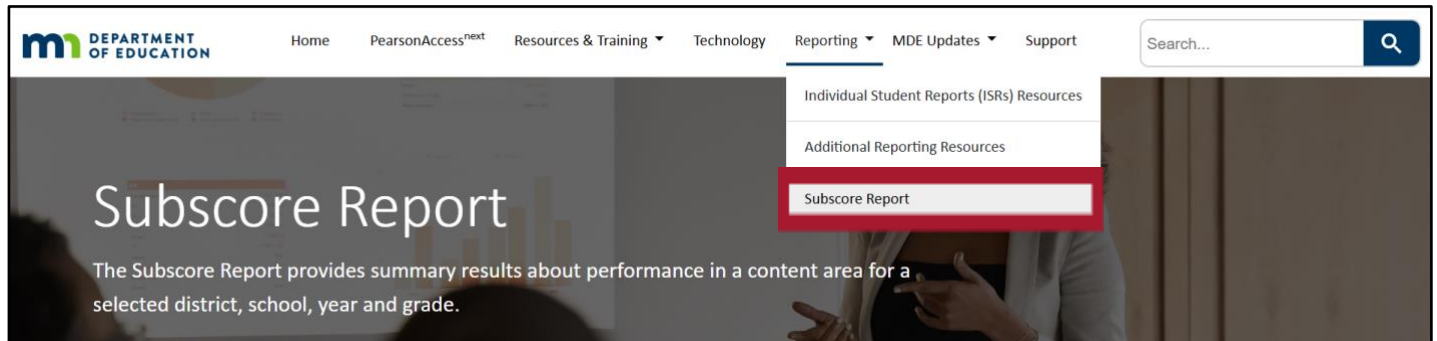
The tests, subjects, and years available in the Subscore Reports includes the current year and up to four previous years of data. The series number (III or IV) following the test name, the subject and grades, the academic standards to which the tests are aligned, and years of data available for each are shown in table 1 below.

Table 1. Tests, Subjects, Grades, Minnesota K-12 Academic Standards Alignment, and Years of Data Available

Test Name	Subject	Grades	Academic Standards Alignment	Years of Data in this Report
MCA-III	Reading	3-8, 10	2010 Standards	2021 to 2025
MCA-IV	Reading	3-8, 10	2020 Standards	2026
MCA-III	Math	3-8, 11	2007 Standards	2021 to 2026
MCA-III	Science	5, 8, High School	2009 Standards	2021 to 2024
MCA-IV	Science	5, 8, High School	2019 Standards	2025 to 2026

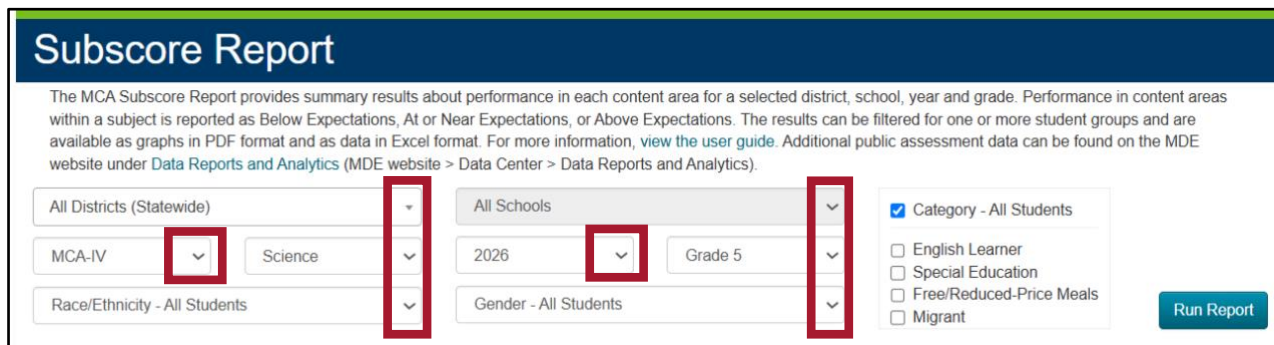
Access the Subscore Report

To access the Subscore Report, from the Minnesota Assessment Hub Home page, under Reporting, select **Subscore Report**. Note: No username or password is required to view the Subscore Report. Results from the most recent test administration are available each year in late summer.



Using Subscore Report Filters

Results can be filtered for one or more student groups and are available in graphs in PDF format and as data in Excel format.

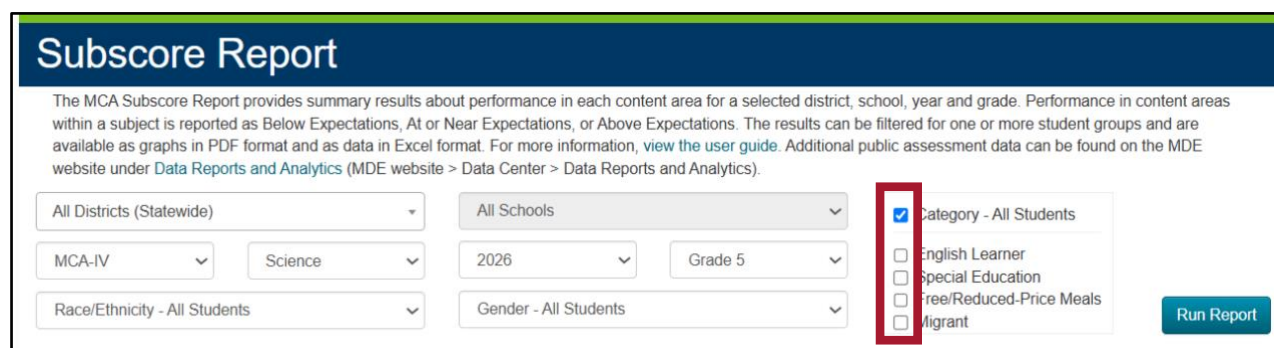


As needed, select the down arrow to the right of the filter to open the filter options. Complete this for all desired filters.

- **District:** Select from the list of Districts. All Districts (Statewide) is selected by default.
 - Note: For the district filter only, users can enter partial or full text to find a district.
- **School:** All Schools is selected by default. Once a district is selected, users can select from the list of schools.
 - Note: When selecting a school, select a grade from that school when using that filter.
- **Test:** MCA-III or MCA-IV.
 - MCA-III results include Reading (2021 to 2025), Math (2021 to 2026), and Science (2021 to 2024).
 - MCA-IV results include Reading (2026) and Science (2025 and 2026).

- **Subject:** Select from the list of subjects (Reading, Math, or Science).
- **Year:** Select from the list of years. Note: Only data from 2022 to 2026 is available.
- **Grade:** Select a grade from the school selected when using that filter. The available grades are limited by the subject selected:
 - Math: Grades 3–8, 11
 - Reading: Grades 3–8, 10
 - Science: Grades 5, 8, and High School
- **Gender:** Selections include All Students, Male, or Female.
- **Race/Ethnicity:**
 - Beginning in 2023, race/ethnicity is reported with the eight state-defined racial and ethnic group selections, including All Students, American Indian, Asian, Black or African American, Hispanic or Latino, Native Hawaiian or Pacific Islander, Other Indigenous Peoples, White, or Two or More Races.
 - For 2022, race/ethnicity was reported with the seven federal-defined racial and ethnic group selections, including All Students, American Indian or Alaska Native, Asian, Black or African American, Hispanic or Latino, Native Hawaiian or Other Pacific Islander, White, Two or More Races.

Note: The Race/Ethnicity selections update when the assessment year is selected.



- **Category – All Students** checkbox is selected by default. To change the selection, select the checkbox(es) to the left of the category. Note: Multiple categories can be selected.
 - The available categories, known as student groups, include: English Learner, Special Education, Free/Reduced-Price Meals, Migrant.

Note: The Enrolled October 1 checkbox is available for 2022. This data is no longer reported after 2022. The Enrolled October 1 filter appears when the assessment year is selected.

- After selecting the filters, select **Run Report** to generate results. The report will open on the same page.

Subscore Report

The MCA Subscore Report provides summary results about performance in each content area for a selected district, school, year and grade. Performance in content areas within a subject is reported as Below Expectations, At or Near Expectations, or Above Expectations. The results can be filtered for one or more student groups and are available as graphs in PDF format and as data in Excel format. For more information, [view the user guide](#). Additional public assessment data can be found on the MDE website under [Data Reports and Analytics](#) (MDE website > Data Center > Data Reports and Analytics).

MDE ASSESSMENT CONTROL DISTRICT (55... ▾

MDE ASSESSMENT ELEMENTARY(5555-09-101) ▾

☒ Category - All Students

☐ English Learner
 ☐ Special Education
 ☐ Free/Reduced-Price Meals
 ☐ Migrant

MCA-IV ▾

Science ▾

2026 ▾

Grade 5 ▾

Race/Ethnicity - All Students ▾

Gender - All Students ▾

Run Report

- If the selected filters have no results, NA (not available) will appear. Verify the filter and category selections are applicable for that organization, such as grade selected is in school selected.

MDE ASSESSMENT HIGH SCHOOL
NA

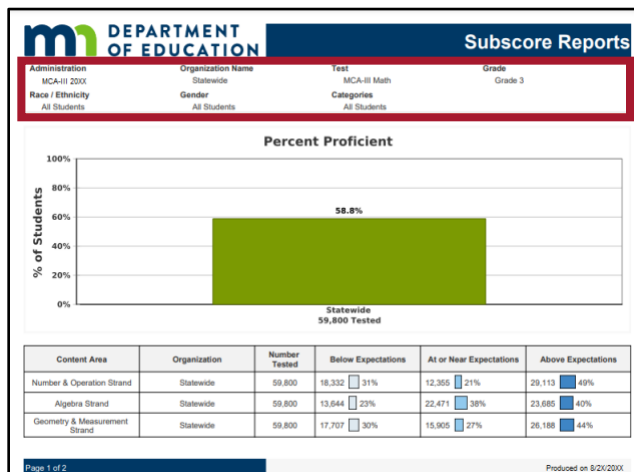
- Student privacy protections are also in place. If selected filters result in less than 10 students, CTSTR (Count Too Small To Report) will appear.

MDE ASSESSMENT CONTROL DIST...
CTSTR

- After the report has generated on the report page, select **PDF** or **Excel** to download a copy of the report.

PDF Excel

- The PDF displays the filter selections applied in the header at the top of each page.

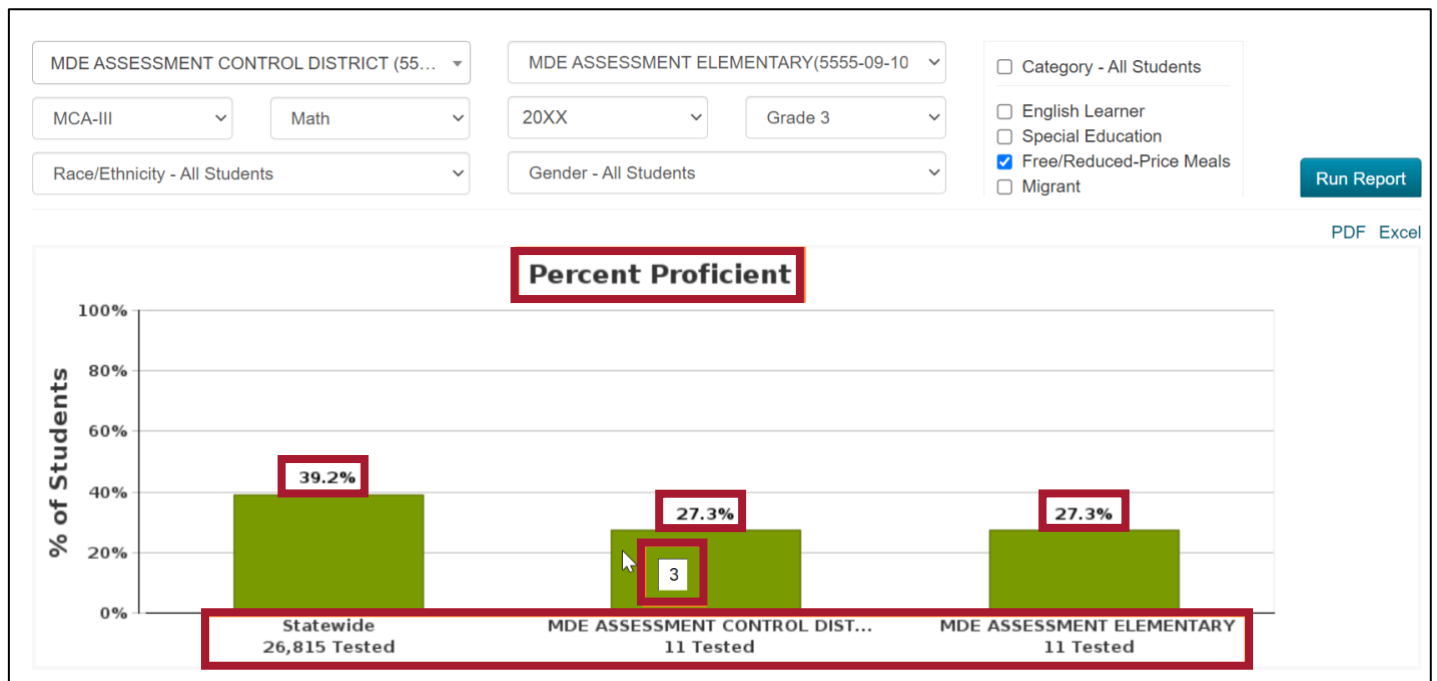


- The Excel file has two tabs, subscore and proficiency, and the filter selections applied display at the top of the subscore tab.

	A	B	C
1	20XX Math MCA-III Subscore		
2	Grade 3 Race/Ethnicity - All Students Gender - All Students		
3			
4	Content Area	Organization	Number Tested
5	Number & Operation Strand	Statewide	59,800
6	Algebra Strand	Statewide	59,800
7	Geometry & Measurement Strand	Statewide	59,800
8	Data Analysis Strand	Statewide	59,800
9			
10			
11			
12			
13			
14			
15			

About the Data in the Graph

The graph will display the percentage of proficient students based on filter and student group category selections. Proficient in Minnesota Academic Standards for a test and subject includes meets and exceeds achievement levels for MCA-IV, and meets and advanced performance levels for MCA-III.



The data shown in the graph for the filter and student group category selections includes:

- **Percent proficient:** Percent of students proficient on the MCA test and subject selected
- **Tested:** Total number tested at the selected organization level
- **Number proficient:** Hover over the bar graph to show the number of students proficient for that organization

About the Data in the Content Area Performance Table

Content Area	Organization	Number Tested	Below Expectations	At or Near Expectations	Above Expectations
Number & Operation Strand	Statewide	20,375	10,629  52%	4,471  22%	5,275  26%
	MDE ASSESSMENT CONTROL DISTRICT (5555-09-000)	73	28  38%	16  22%	29  40%
	MDE ASSESSMENT ELEMENTARY (5555-09-101)	17	4  24%	3  18%	10  59%
Algebra Strand	Statewide	20,375	8,056  40%	7,919  39%	4,400  22%
	MDE ASSESSMENT CONTROL DISTRICT (5555-09-000)	73	18  25%	33  45%	22  30%
	MDE ASSESSMENT ELEMENTARY (5555-09-101)	17	1  6%	12  71%	4  24%
Geometry & Measurement Strand	Statewide	20,375	10,421  51%	5,389  26%	4,565  22%
	MDE ASSESSMENT CONTROL DISTRICT (5555-09-000)	73	30  41%	22  30%	21  29%
	MDE ASSESSMENT ELEMENTARY (5555-09-101)	17	5  29%	6  35%	6  35%
Data Analysis Strand	Statewide	20,375	8,862  43%	7,055  35%	4,458  22%
	MDE ASSESSMENT CONTROL DISTRICT (5555-09-000)	73	14  19%	29  40%	30  41%
	MDE ASSESSMENT ELEMENTARY (5555-09-101)	17	2  12%	8  47%	7  41%

The data shown for the student group category selections chosen include:

- **Content Area:** Each of the strand/reporting categories specific to a test, subject, and grade.
- **Organization:** State, District, School (if applicable)
- **Number Tested:** Total number tested at the applicable organization
- **Strand Performance Levels/Content Area Performance Details:** Performance within each content area is reported as Below Expectations (B), At or Near Expectations (N), or Above Expectations (A). The total number of students and percentage of students at the B, N, and A levels are listed within the bar graph.



MCA-IV Content Areas

The tables below include the content area information available in the Subscore Reports for Reading and Science MCA-IV.

Reading MCA-IV (Content Areas)		
All Grades	Content Area 1	Content Area 2
	Themes, Central Ideas, Details, and Vocabulary (Standards 4 & 8)	Structure, Author’s Perspective, Arguments, Relevancy, and Credibility (Standards 5, 6, 7, 9)

The first administration of Reading MCA-IV was in the 2025-26 school year.

Science MCA-IV (Content Areas)				
Grades 5 & 8	Content Area 1	Content Area 2	Content Area 3	
	Practices in Physical Science	Practices in Earth Science	Practices in Life Science	
High School	Content Area 1	Content Area 2	Content Area 3	Content Area 4
	Practices in Life Science 1: Molecules to Organisms	Practices in Life Science 2: Ecosystems	Practices in Life Science 3: Heredity	Practices in Life Science 4: Biological Evolution

The first administration of Science MCA-IV was in the 2024-25 school year.

MCA–III Strands and Substrands

The tables below include the content area information, also known as strands/substrands, available in the Subscore Reports for MCA–III.

Math MCA–III (Strands)				
Grades 3–5	Strand 1	Strand 2	Strand 3	Strand 4
	Numbers and Operation	Algebra	Geometry and Measurement	Data Analysis
Grades 6–8	Strand 1	Strand 2	Strand 3	Strand 4
	Numbers and Operation	Algebra	Geometry and Measurement	Data Analysis Probability
Grade 11	Strand 1	Strand 2	Strand 3	Strand 4
	N/A	Algebra	Geometry and Measurement	Data Analysis Probability

Reading MCA–III (Strands)		
All Grades	Strand 1	Strand 2
	Literature	Information Text

The last administration of Reading MCA–III was in the 2024–25 school year.

Science MCA-III (Strands/Substrands)							
Grades 5 & 8	Strand 1	Strand 2	Strand 3	Strand 4			
	Nature of Science and Engineering	Physical Science	Earth and Space Science	Life Science			
High School	Strand 1			Strand 4			
	Nature of Science and Engineering			Life Science			
	Substrand 1.1	Substrand 1.2	Substrand 1.3	Substrand 4.1	Substrand 4.2	Substrand 4.3	Substrand 4.4
	Practice of Science	Practice of Engineering	Interactions among STEM and Society	Structure and Functions in Living Systems	Interdependence among Living Systems	Evolution in Living Systems	Human Interaction with Living Systems

The last administration of Science MCA-III was in the 2023-24 school year.