

Historical Science MCA-III Benchmark Reports Quick Guide

Assessments are designed to provide information about student learning, but there is no single assessment that can provide the full perspective of what a student has learned. These assessments provide one data point that should be considered in the context of additional evidence of student learning.

Benchmark reports are no longer available for Science MCA-III beginning in 2025 due to the transition to the new assessment Science MCA-IV.

The Science MCA-III Benchmark Report served as a guidance tool available to educators to learn about performance at the school and district level on each benchmark from the Minnesota Academic Standards. The Minnesota Academic Standards identify the knowledge and skills that all students are expected to learn in each content area by the end of a grade or grade band. These standards are divided into one or more benchmarks which provide details about what students are taught in that content area.

Benchmark performance for Science MCA-III was calculated by comparing students' observed performance on test content aligned to a benchmark to the expected performance of the "Meets" achievement level cut score for a benchmark at the school or district.

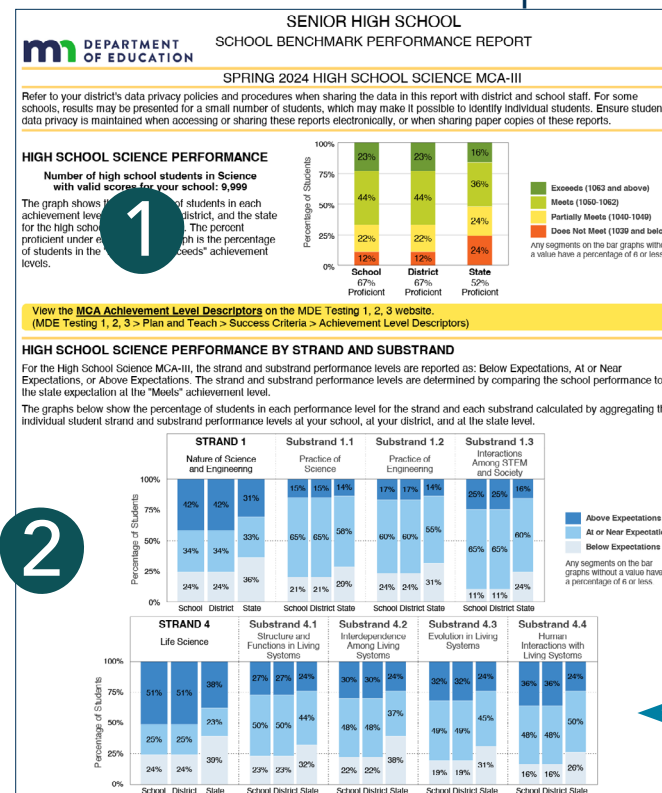
Report Considerations

The Science MCA-III was a fixed-form assessment, so each year, all students are administered the same items that count for their score.

- All tests met the "blueprints" or requirements in the test specifications, which describe how the standards are assessed on the test and in what proportions. However, not all benchmarks were assessed each year on the Science MCA-III.
- Benchmarks not assessed are noted on the report.

Note: Science MCA-III Benchmark Reports are available in PearsonAccess Next through October 2026. Historical Science MCA-III Benchmark Reports are not moving to the new ADAM platform. Download any reports you would like to keep for your records.

Sections of the Benchmark Report



1. Overall performance, including:
 - The number of students with a valid, reportable score at the organization level for the grade and subject combination of the report.
 - An achievement level bar graph at the school, district, and state level, with the percentage of students at each achievement level.
 - The percent proficient, shown under each bar graph, is the combined percent of students at the "Meets" and "Exceeds" achievement levels.
2. Strand and substrand performance, including:
 - Content area strand and substrand names and performance level percentages at the school, district, and state level.
 - Performance level categories include: Below Expectations, At or Near Expectations, and Above Expectations.

Expectation is defined as the school's performance on each strand/substrand compared to the "Meets" performance level cut score.

