

2023 Vermont Comprehensive Assessment Program Overview

AOE Presentation on FY23 VTCAP Results
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Vermont Comprehensive Assessment Program: Background

During the 2022-2023 school year, Vermont schools administered the Vermont Comprehensive Assessment Program (VTCAP) for the first time.

The VTCAP assessments replaced the Smarter Balanced assessments in English language arts (ELA) and mathematics and the Vermont Science Assessment.

The VTCAP ELA and mathematics assessments are designed to measure students' mastery of the Common Core State Standards; and the VTCAP science assessments are designed to measure students' mastery of the Next Generation Science Standards.

Vermont Comprehensive Assessment Program: When, Who, What

The Vermont Comprehensive Assessment Program (VTCAP) is administered annually in the spring.

- Students in grades 3 through 9 in English language arts (ELA) and mathematics;
- Students in grades 5, 8, and 11 in science.

The ELA and mathematics assessments are designed to measure students' mastery of the Common Core State Standards. The science assessments are designed to measure students' mastery of the Next Generation Science Standards.

- [Common Core Standards – ELA](#)
- [Common Core Standards -- Mathematics](#)
- [Next Generation Science Standards](#)

Vermont Comprehensive Assessment Program: What Does it Assess?

The ELA assessments focus on reading skills related to:

- the comprehension and analysis of texts,
- the analysis of pieces of writing and knowledge of standard language conventions,
- listening skills, and
- the production of writing while using standard language conventions.

The mathematics assessments focus on applying skills and concepts and understanding multi-step problems that require abstract reasoning and modeling real-world problems, precision, perseverance, and strategic use of tools.

The science assessments focus on important disciplinary core ideas, scientific and engineering practices (e.g., asking questions, developing and using models), and crosscutting concepts (e.g., patterns, cause and effect, stability and change) that apply across scientific disciplines.

Historically Marginalized Student Groups

Vermont also reports performance of historically marginalized students compared to students who are not historically marginalized.

Vermont reports these data by combining assessment scores of students from racial or ethnic minorities, students with disabilities, English language learners and students in poverty.

Statewide average scaled scores and percentage of students proficient and above are presented by historically marginalized status, grade level and subject in Tables 4-6 (slides 10-12).

2023 English Language Arts Scores

Table 1: 2023 VTCAP English Language Arts Results

Grade	Average Scaled Score	Proficiency Cut Score	Total Proficient and Above
Grade 03	1743	1750	49%
Grade 04	1755	1750	56%
Grade 05	1745	1750	50%
Grade 06	1754	1750	56%
Grade 07	1755	1750	57%
Grade 08	1756	1750	56%
Grade 09	1734	1750	43%

2023 Mathematics Scores

Table 2: 2023 VTCAP Math Results

Grade	Average Scaled Score	Proficiency Cut Score	Total Proficient and Above
Grade 03	1711	1750	37%
Grade 04	1708	1750	35%
Grade 05	1718	1750	38%
Grade 06	1748	1750	53%
Grade 07	1731	1750	46%
Grade 08	1708	1750	36%
Grade 09	1718	1750	33%

2023 Science Scores

Table 3: 2023 VTCAP Science Results

Grade	Average Scaled Score	Proficiency Cut Score	Total Proficient and Above
Grade 05	1741	1750	45%
Grade 08	1736	1750	41%
Grade 11	1751	1750	45%

Historically Marginalized Student Group 2023 Assessment Results

Table 4: 2023 VTCAP English Language Arts Results by Historically Marginalized Status

Note: HM = historically marginalized. The proficiency cut score equals 1750 for all grades.

Grade	HM Scale Scores	Not-HM Scale Scores	Difference in Scale Scores	HM Percent Proficient	Not-HM Percent Proficient	Difference in Percent Proficient
Grade 03	1704	1781	77	31%	66%	35%
Grade 04	1718	1794	76	39%	74%	35%
Grade 05	1710	1782	72	34%	67%	33%
Grade 06	1715	1792	77	38%	73%	35%
Grade 07	1712	1796	84	38%	75%	37%
Grade 08	1718	1791	73	39%	72%	33%
Grade 09	1693	1767	74	26%	57%	31%

Table 5: 2023 VTCAP Math Results by Historically Marginalized Status

Grade	HM Scale Scores	Not-HM Scale Scores	Difference in Scale Scores	HM Percent Proficient	Not-HM Percent Proficient	Difference in Percent Proficient
Grade 03	1669	1752	83	22%	52%	30%
Grade 04	1670	1748	78	20%	50%	30%
Grade 05	1681	1757	76	24%	54%	30%
Grade 06	1706	1789	83	34%	70%	36%
Grade 07	1690	1769	79	28%	63%	35%
Grade 08	1668	1744	76	20%	51%	31%
Grade 09	1688	1762	74	19%	44%	25%

Table 6: 2023 VTCAP Science Results by Historically Marginalized Status

Grade	HM Scale Scores	Not-HM Scale Scores	Difference in Scale Scores	HM Percent Proficient	Not-HM Percent Proficient	Difference in Percent Proficient
Grade 05	1722	1761	39	30%	60%	30%
Grade 08	1718	1753	35	26%	54%	28%
Grade 11	1733	1763	30	31%	55%	24%

Questions?