Nation's Report Card

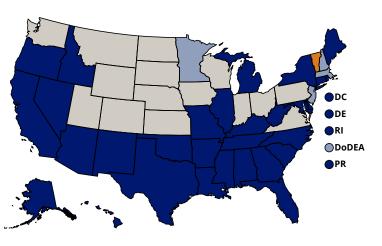
2017 Mathematics State Snapshot Report

Vermont • Grade 8 • Public Schools

Overall Results

- In 2017, the average score of eighth-grade students in Vermont was 288. This was higher than the average score of 282 for public school students in the nation.
- The average score for students in Vermont in 2017 (288) was lower than their average score in 2015 (290) and was higher than their average score in 2000 (281).
- The percentage of students in Vermont who performed at or above the NAEP *Proficient* level was 39 percent in 2017. This percentage was not significantly different from that in 2015 (42 percent) and was greater than that in 2000 (31 percent).
- The percentage of students in Vermont who performed at or above the NAEP *Basic* level was 76 percent in 2017. This percentage was not significantly different from that in 2015 (79 percent) and was greater than that in 2000 (73 percent).

Compare the Average Score in 2017 to Other States/Jurisdictions



In 2017, the average score in Vermont (288) was

lower than those in 5 states/jurisdictions

higher than those in 32 states/jurisdictions

not significantly different from those in 15 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)

Results for Student Groups in 2017

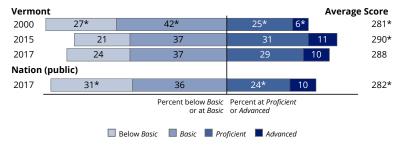
	Percentage	Avg.	Percentage at or above		Percentage at
Reporting Groups	of students				Advanced
Race/Ethnicity					
White	91	288	77	40	10
Black	2	‡	‡	‡	‡
Hispanic	2	‡	‡	‡	‡
Asian	2	‡	‡	‡	‡
American Indian/Alaska	Native #	‡	‡	‡	‡
Native Hawaiian/Pacific	: Islander #	‡	‡	‡	‡
Two or more races	3	‡	‡	‡	‡
Gender					
Male	51	287	75	39	11
Female	49	288	78	40	9
National School Lunch Pr	rogram				
Eligible	35	272	63	22	2
Not eligible	65	296	84	49	14
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Rounds to zero.

‡ Reporting standards not met.

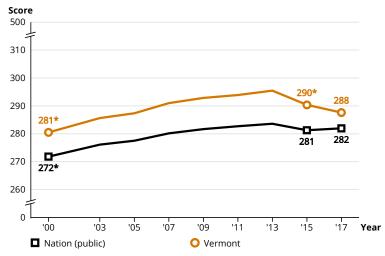
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

Achievement-Level Percentages and Average Score Results



^{*} Significantly different (p < .05) from state's results in 2017. Significance tests were performed using unrounded numbers. NOTE: Detail may not sum to totals because of rounding.

Average Scores for State/Jurisdiction and Nation (public)



^{*} Significantly different (p < .05) from 2017. Significance tests were performed using unrounded numbers.

Score Gaps for Student Groups

- Data are not reported for Black students in 2017, because reporting standards were not met.
- Data are not reported for Hispanic students in 2017, because reporting standards were not met.
- In 2017, male students in Vermont had an average score that was not significantly different from that for female students.
- In 2017, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 25 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2000 (25 points).



NOTE: The NAEP mathematics scale ranges from 0 to 500. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Read more about how to interpret NAEP results from the mathematics assessment at https://nces.ed.gov/nationsreportcard/mathematics/interpret_results.aspx. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2000-2017 Mathematics Assessments.