In 2019, the average score of eighth-grade students in Colorado was 285. This was higher than the average score of 281 for students in the nation.

The average score for students in Colorado in 2019 (285) was not significantly different from their average score in 2017 (286) and in 2003 (283).

The percentage of students in Colorado who performed at or above the NAEP Proficient level was 37 percent in 2019. This percentage was not significantly different from that in 2017 (38 percent) and in 2003 (34 percent).

The percentage of students in Colorado who performed at or above the NAEP Basic level was 73 percent in 2019. This percentage was not significantly different from that in 2017 (74 percent) and in 2003 (74 percent).

In 2019, the average score in Colorado (285) was

- lower than those in 5 states/jurisdictions
- higher than those in 26 states/jurisdictions
- not significantly different from those in 20 states/jurisdictions

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

NOTE: Puerto Rico was not included in the comparison results.

**NAEP Achievement-Level Percentages and Average Score Results**

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Score</th>
<th>Percent below NAEP Basic or at NAEP Basic Level</th>
<th>Percent at NAEP Proficient or NAEP Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>26</td>
<td>39*</td>
<td>27</td>
</tr>
<tr>
<td>2017</td>
<td>26</td>
<td>36</td>
<td>27</td>
</tr>
<tr>
<td>2019</td>
<td>27</td>
<td>36</td>
<td>26</td>
</tr>
<tr>
<td>Nation</td>
<td>32*</td>
<td>35</td>
<td>23*</td>
</tr>
</tbody>
</table>

* Significantly different (p < .05) from state’s results in 2019. Significance tests were performed using unrounded numbers.

**Average Scores for State/Jurisdiction and Nation**

![Graph showing average scores for state/jurisdiction and nation](image)

- *Significantly different (p < .05) from 2019. Significance tests were performed using unrounded numbers.

**Score Gaps for Student Groups**

- In 2019, Black students had an average score that was 34 points lower than that for White students. This performance gap was not significantly different from that in 2003 (37 points).
- In 2019, Hispanic students had an average score that was 27 points lower than that for White students. This performance gap was not significantly different from that in 2003 (33 points).
- In 2019, male students in Colorado had an average score that was not significantly different from that for female students.
- In 2019, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 32 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (30 points).

**Results for Student Groups in 2019**

<table>
<thead>
<tr>
<th>Reporting Groups</th>
<th>Percentage of students</th>
<th>Average score</th>
<th>Percentage at or above NAEP Proficient</th>
<th>Percentage at NAEP Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Race/Ethnicity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>54</td>
<td>295</td>
<td>82</td>
<td>48</td>
</tr>
<tr>
<td>Black</td>
<td>4</td>
<td>261</td>
<td>51</td>
<td>18</td>
</tr>
<tr>
<td>Hispanic</td>
<td>38</td>
<td>268</td>
<td>58</td>
<td>19</td>
</tr>
<tr>
<td>Asian</td>
<td>4</td>
<td>314</td>
<td>93</td>
<td>66</td>
</tr>
<tr>
<td>American Indian/Alaska Native</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Native Hawaiian/Pacific Islander</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Two or more races</td>
<td>4</td>
<td>286</td>
<td>69</td>
<td>37</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>51</td>
<td>285</td>
<td>73</td>
<td>38</td>
</tr>
<tr>
<td>Female</td>
<td>49</td>
<td>284</td>
<td>73</td>
<td>36</td>
</tr>
<tr>
<td>National School Lunch Program</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eligible</td>
<td>36</td>
<td>265</td>
<td>55</td>
<td>18</td>
</tr>
<tr>
<td>Not eligible</td>
<td>61</td>
<td>297</td>
<td>83</td>
<td>49</td>
</tr>
</tbody>
</table>

* Significantly different (p < .05) from 2019. Significance tests were performed using unrounded numbers.

* All scores are below 500.

* Reporting standards not met.

NOTE: The NAEP mathematics scale ranges from 0 to 500. Results presented in this report are based on public school students only. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Score gap results for “White,” “Black,” and “Hispanic” presented in this report are based on the 6-category race/ethnicity variable with data available starting in early 1990s. Read more about how to interpret NAEP results from the mathematics assessment at [NAEP Data Explorer](https://www.ies.ed.gov/n从根本上来说, this report is based on the 6-category race/ethnicity variable with data available starting in early 1990s. Read more about how to interpret NAEP results from the mathematics assessment at [NAEP Data Explorer](https://www.ies.ed.gov/n}.