Louisiana Believes

NAEP Trend 2017 Update
One Indicator of Long-term Progress

Purpose
Conducted by the National Center for Education Statistics (NCES), the National Assessment of Educational Progress (NAEP) is used to measure long-term, nationwide trends in educational progress.

The NAEP is one long-term indicator among a variety of indicators used to measure the health of the national and state education systems. These measures combine to form a picture of the long-term trends in the nation or in a state.

NAEP is not based on Louisiana Student Standards. However, like the LEAP, NAEP has performance levels: advanced, proficient, basic, and below basic. The NAEP can also be reported in terms of an average scale score, on a scale of 500.

Which Tests Were Administered in 2017?
The NAEP is administered across a rotating set of subjects and grade levels each year. In 2017, the NAEP was administered to roughly 2,700 4th and 8th graders in each state for reading and mathematics (~5 percent of eligible students in Louisiana). Each participating student takes only a few sections of the test.
Differences in 2017 NAEP

Achievement Gaps
The 2017 NAEP showed widening of achievement gaps among low-performing students and high-performing students at a national level.

Transition to Online Assessments
The 2017 administration represented the first year of digitally-based (or online) assessment. Roughly 2,200 students were tested online in each state, and roughly 500 were tested on paper. NCES identified that students generally performed at lower levels on the online tests. NCES thus adjusted the performance of students taking the test online to compensate for this “mode effect.” This transition resulted in a six-month delay in the release of NAEP results.

While states showed differences in the impact of the online transition, NCES adjusted scores uniformly for all students and in every state.

As of the 2017 NAEP, Louisiana and ten other states did not test online in 4th grade. Louisiana and eight other states did not test online in 8th grade at that time.
NCES compared these results to ensure that, at the national level, they had accounted for mode effect.

Reported publicly as NAEP state and national performance, with adjustment

Paper-to-online comparisons showed change in performance on three tests in Louisiana.

Not reported at all

Paper-to-paper comparisons showed change in performance on one test in Louisiana.
# Results Release Timeline

<table>
<thead>
<tr>
<th>Results</th>
<th>Timeline</th>
</tr>
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<tr>
<td>Class of 2017 TOPS eligibility</td>
<td>April</td>
</tr>
<tr>
<td>Class of 2017 graduation and credentialing rates</td>
<td>May</td>
</tr>
<tr>
<td>LEAP 2025</td>
<td>June</td>
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<tr>
<td>CLEP</td>
<td>June</td>
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<tr>
<td>FAFSA</td>
<td>July</td>
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<tr>
<td>Advanced Placement</td>
<td>July</td>
</tr>
<tr>
<td>ACT</td>
<td>August</td>
</tr>
<tr>
<td>School and district report cards; early education performance profiles</td>
<td>Fall</td>
</tr>
</tbody>
</table>
Trends in Louisiana: NAEP

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

Trends in Louisiana: NAEP

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Trends in Louisiana: NAEP

NAEP Reading Grade 8 – Overall
*Average Scale Score: 2003-2017*

National Public: + 4 points since 2003

Louisiana: + 4 points since 2003

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

Trends in Louisiana: NAEP

NAEP Mathematics Grade 8—Overall

Average Scale Score: 2003-2017

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

Trends in Louisiana: ACT

LOUISIANA'S AVERAGE ACT COMPOSITE SCORE

An increase of 0.5 PTS since testing all students
Trends in Louisiana: ACT

NUMBER OF STUDENTS ACHIEVING COLLEGE GOING ACT SCORES

- NUMBER OF STUDENTS SCORING 18+
- NUMBER OF STUDENTS SCORING 21+

+7,397 since 2012

+3,896 since 2012
## Trends in Louisiana: ACT

### 2017 Ranking of Southern States that Test All Students

<table>
<thead>
<tr>
<th>Rank</th>
<th>State</th>
<th>Average ACT Composite Score</th>
<th>Composite Score Change since 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kentucky</td>
<td>20</td>
<td>+0.1</td>
</tr>
<tr>
<td>2</td>
<td>Tennessee</td>
<td>19.8</td>
<td>0.0</td>
</tr>
<tr>
<td>3</td>
<td>Louisiana</td>
<td><strong>19.5</strong></td>
<td>+0.3</td>
</tr>
<tr>
<td>4</td>
<td>Arkansas</td>
<td>19.4</td>
<td>N/A</td>
</tr>
<tr>
<td>4</td>
<td>Oklahoma</td>
<td>19.4</td>
<td>N/A</td>
</tr>
<tr>
<td>5</td>
<td>Alabama</td>
<td>19.2</td>
<td>N/A</td>
</tr>
<tr>
<td>6</td>
<td>North Carolina</td>
<td>19.1</td>
<td>+0.2</td>
</tr>
<tr>
<td>7</td>
<td>South Carolina</td>
<td>18.7</td>
<td>N/A</td>
</tr>
<tr>
<td>8</td>
<td>Mississippi</td>
<td>18.6</td>
<td>-0.4</td>
</tr>
</tbody>
</table>
Trends in Louisiana: Advanced Placement

NUMBER OF STUDENTS EARNING A QUALIFYING SCORE OF 3, 4, OR 5

An increase of 137% since 2012
## Trends in Louisiana: CLEP

<table>
<thead>
<tr>
<th>TOTAL GROUP</th>
<th>2015 CLEP® Exam Cycle</th>
<th>2016 CLEP® Exam Cycle</th>
<th>2017 CLEP® Exam Cycle</th>
<th>Increase from 2016 to 2017</th>
<th>Increase from 2015 to 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total CLEP® Tests Taken</td>
<td>2,916</td>
<td>6,053</td>
<td>13,277</td>
<td>119%</td>
<td>355%</td>
</tr>
<tr>
<td>Number of Tests earning a Qualifying Score of 50+</td>
<td>1,278</td>
<td>2,630</td>
<td>6,464</td>
<td>146%</td>
<td>406%</td>
</tr>
</tbody>
</table>
Trends in Louisiana: Graduation Rate

The number of graduates in the class of 2016 is more than 3,500 greater than in the class of 2012.
Trends in Louisiana: Financial Aid

The percentage of students completing FAFSA applications in Louisiana grew by 37.3 percent between 2016 and 2017.
The number of students annually eligible for TOPS scholarships, or full college tuition, has increased by 18 percent.
In both Louisiana and national results,

- High-performing students are performing at higher levels
- Low-performing students are performing at lower levels

Detailed NAEP Trends
In both Louisiana and national results,

- High-performing students are performing at higher levels
- Low-performing students are performing at lower levels

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In both Louisiana and national results,
- High-performing students are performing at higher levels
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Detailed NAEP Trends

In both Louisiana and national results,

- High-performing students are performing at higher levels
- Low-performing students are performing at lower levels
Conclusions

NAEP results are helpful in contributing to a picture of long-term trends. Long-term trend lines in Louisiana are positive on NAEP and on other measures.

According to NAEP, gaps between advantaged and disadvantaged students are growing nationally. Louisiana students experience these gaps.

Whether or not changes in the NAEP format contributed to changes in performance, Louisiana should continue to raise expectations and expand opportunity. No results, positive or negative, large or small, would change our commitment to improvement.

Louisiana’s students and teachers are as smart and capable as any in America. We are proud of all that they have accomplished and of recognition they have rightly been given.