

# 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.

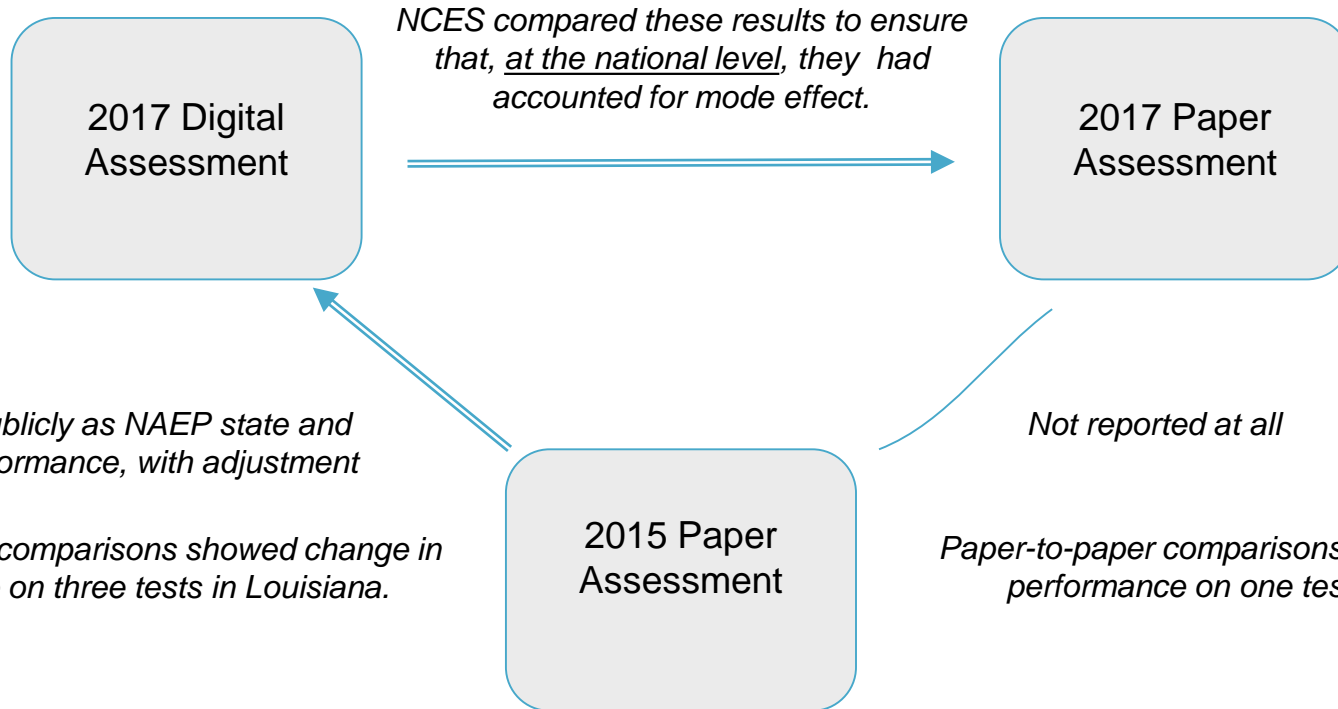
## **Transition to Online Assessments**

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.

# Reporting Results



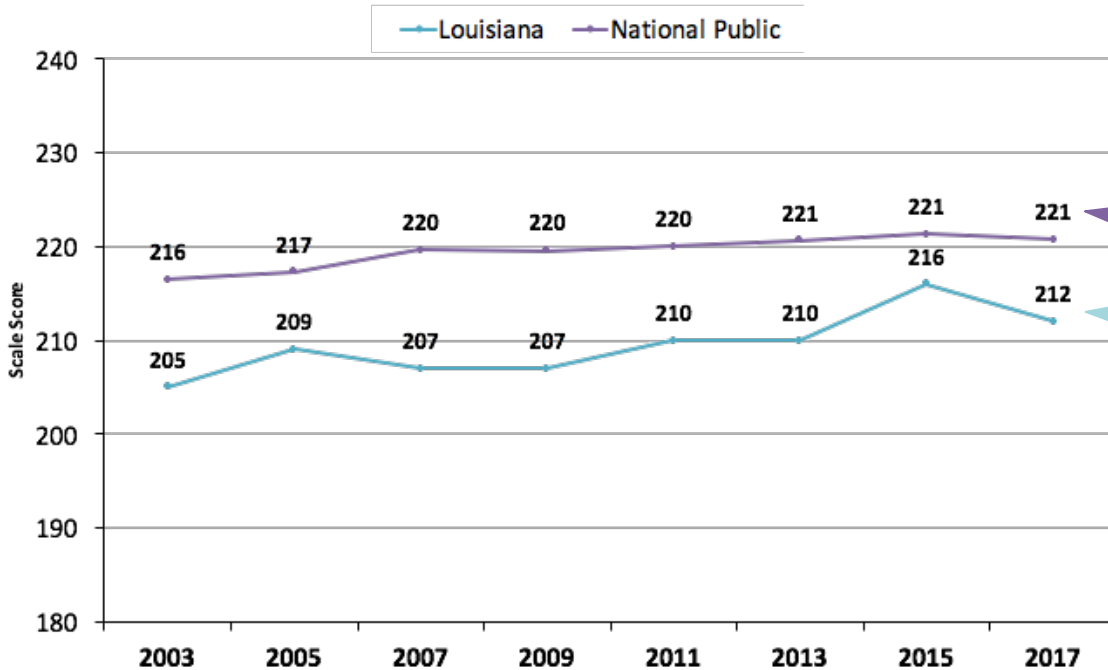
# Results Release Timeline

Results	Timeline
Class of 2017 TOPS eligibility	April
Class of 2017 graduation and credentialing rates	May
LEAP 2025	June
CLEP	June
FAFSA	July
Advanced Placement	July
ACT	August
School and district report cards; early education performance profiles	Fall

# Trends in Louisiana: NAEP

## NAEP Reading Grade 4 – Overall

Average Scale Score: 2003-2017



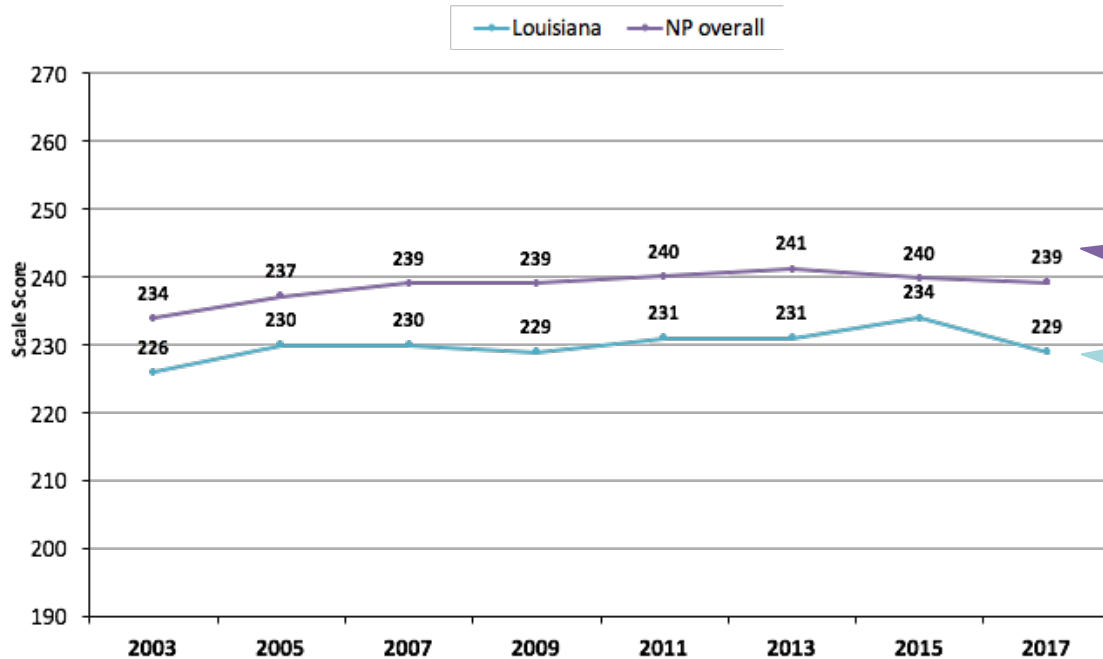
**National Public: + 4 points since 2003**

**Louisiana: + 7 points since 2003**

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.  
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

# Trends in Louisiana: NAEP

**NAEP Mathematics Grade 4 – Overall**  
*Average Scale Score: 2003-2017*



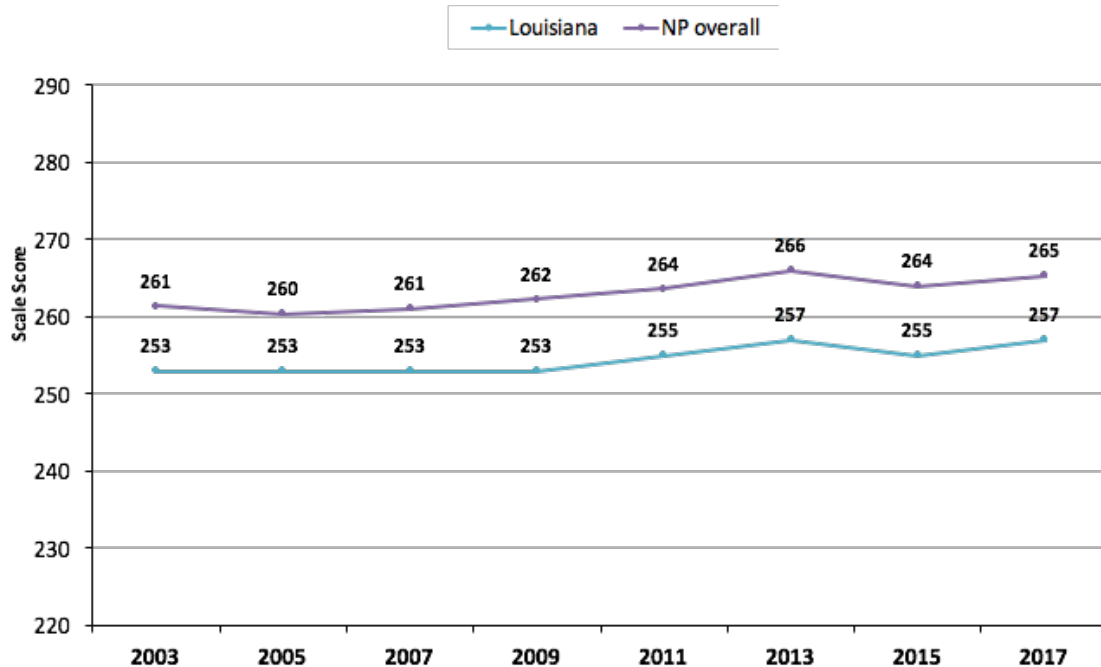
**National Public: + 5 points since 2003**

**Louisiana: + 3 points since 2003**

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.  
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

# Trends in Louisiana: NAEP

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



**National Public: + 4 points since 2003**

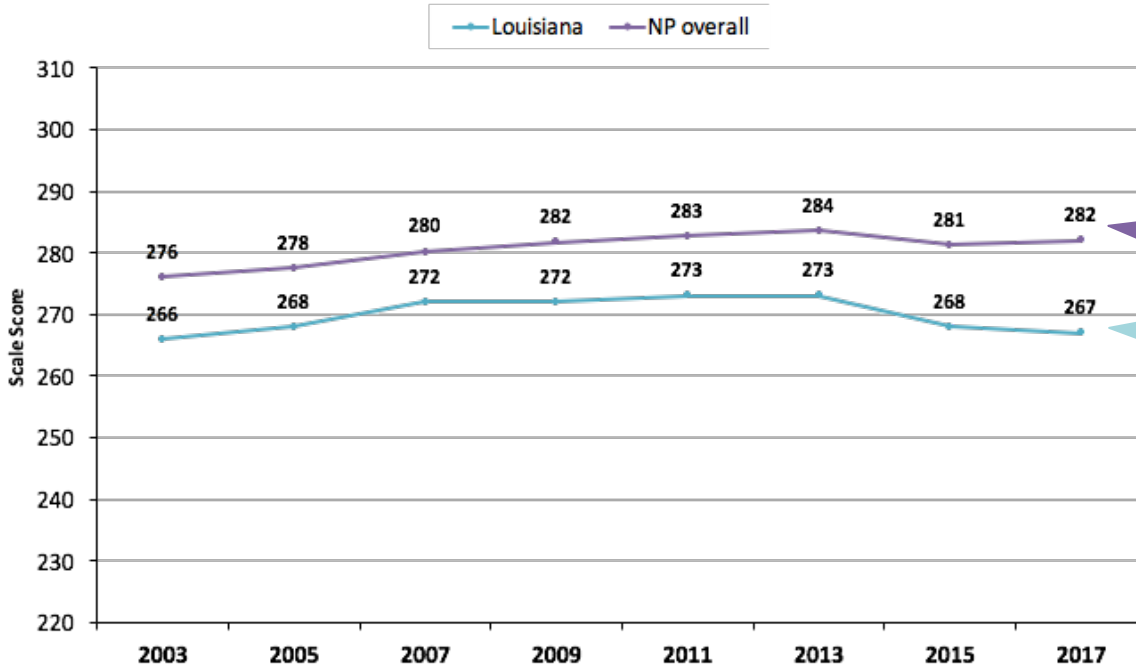
**Louisiana: + 4 points since 2003**

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.  
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).



# Trends in Louisiana: NAEP

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



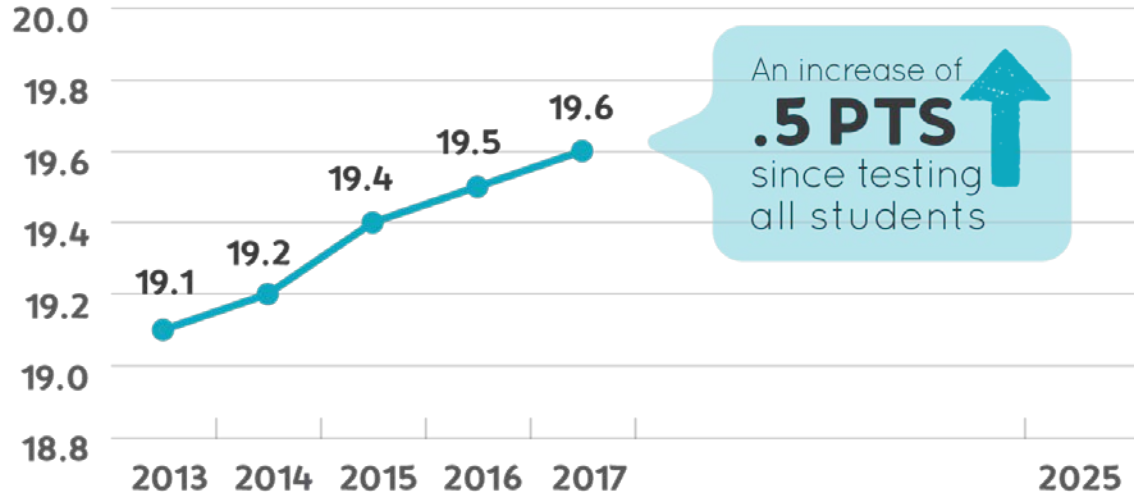
**National Public: + 6 points since 2003**

**Louisiana: + 1 point since 2003**

NOTE: The NAEP Reading scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.  
SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP).

# Trends in Louisiana: ACT

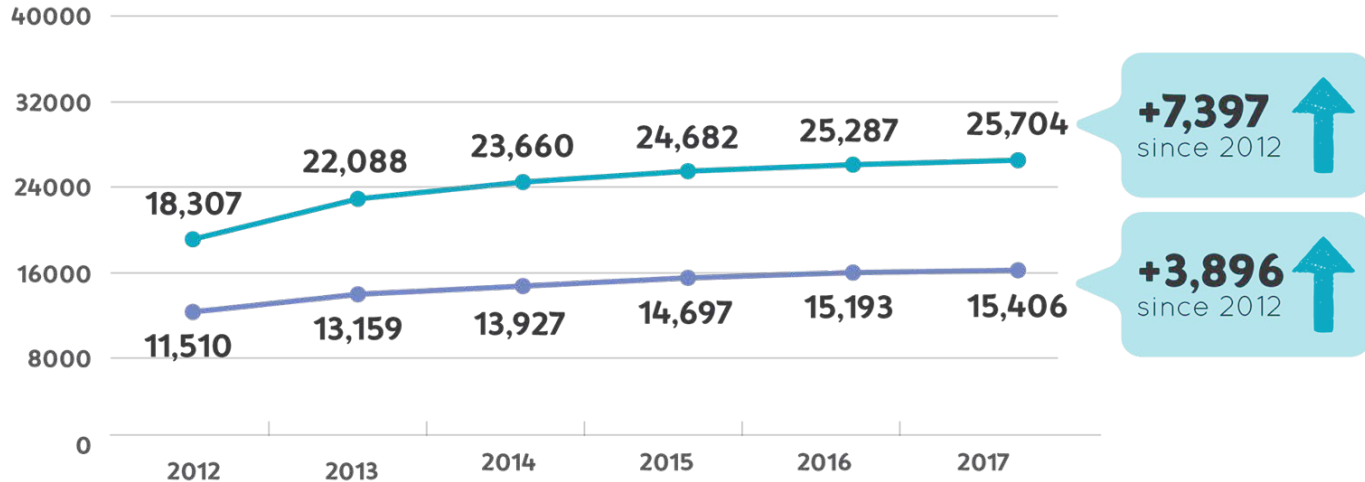
LOUISIANA'S AVERAGE ACT COMPOSITE SCORE



# Trends in Louisiana: ACT

NUMBER OF STUDENTS ACHIEVING COLLEGE GOING ACT SCORES

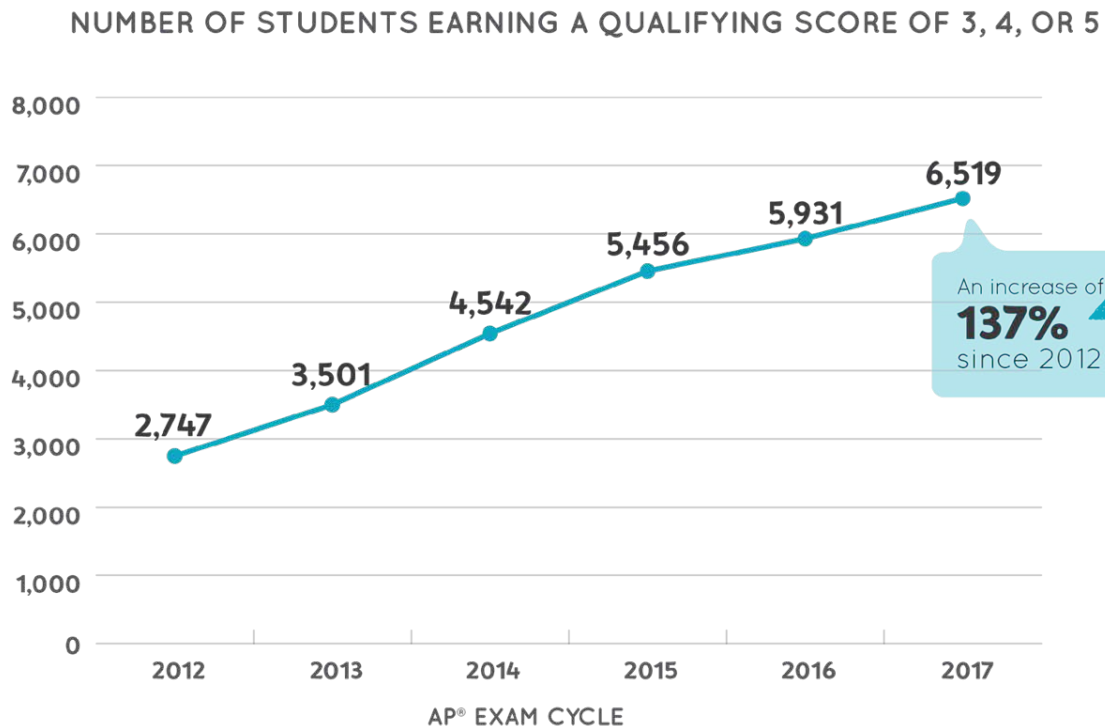
● NUMBER OF STUDENTS SCORING 18+ ● NUMBER OF STUDENTS SCORING 21+



# Trends in Louisiana: ACT

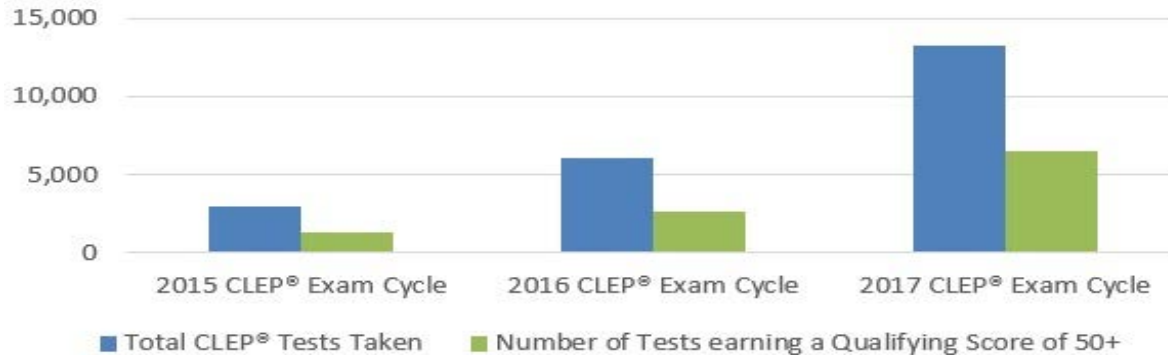
2017 Ranking of Southern States that Test All Students	State	Average ACT Composite Score	Composite Score Change since 2014
1	Kentucky	20	+0.1
2	Tennessee	19.8	0.0
<b>3</b>	<b>Louisiana</b>	<b>19.5</b>	<b>+0.3</b>
4	Arkansas	19.4	N/A
4	Oklahoma	19.4	N/A
5	Alabama	19.2	N/A
6	North Carolina	19.1	+0.2
7	South Carolina	18.7	N/A
8	Mississippi	18.6	-0.4

# Trends in Louisiana: Advanced Placement

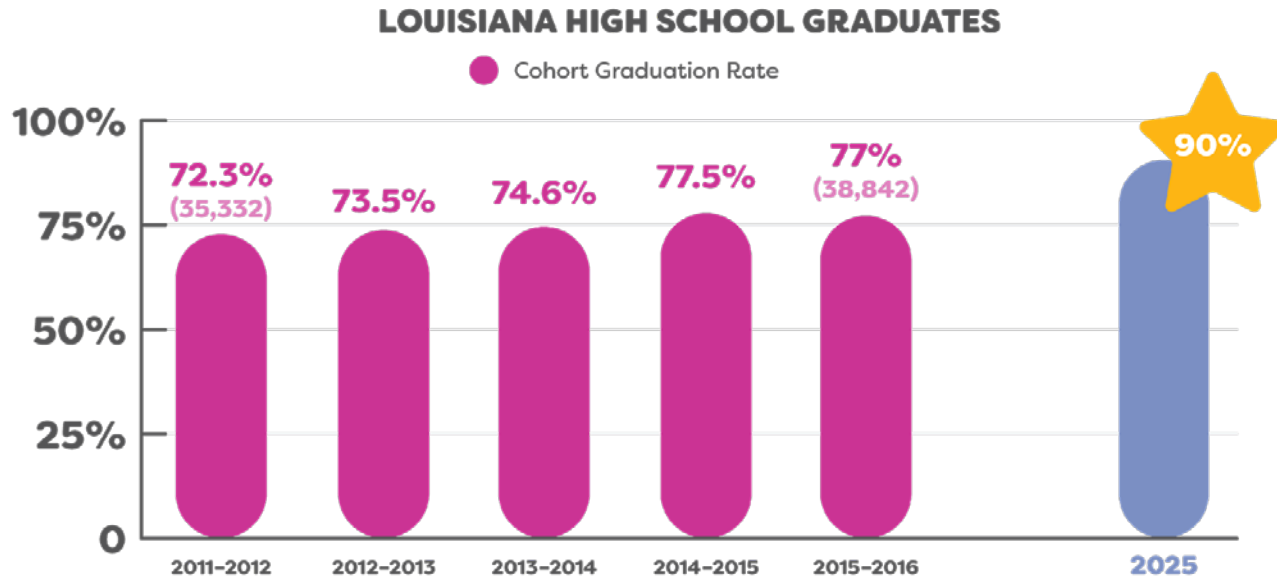


# Trends in Louisiana: CLEP

TOTAL GROUP	2015 CLEP® Exam Cycle	2016 CLEP® Exam Cycle	2017 CLEP® Exam Cycle	Increase from 2016 to 2017	Increase from 2015 to 2017
Total CLEP® Tests Taken	2,916	6,053	13,277	119%	355%
Number of Tests earning a Qualifying Score of 50+	1,278	2,630	6,464	146%	406%



# Trends in Louisiana: Graduation Rate

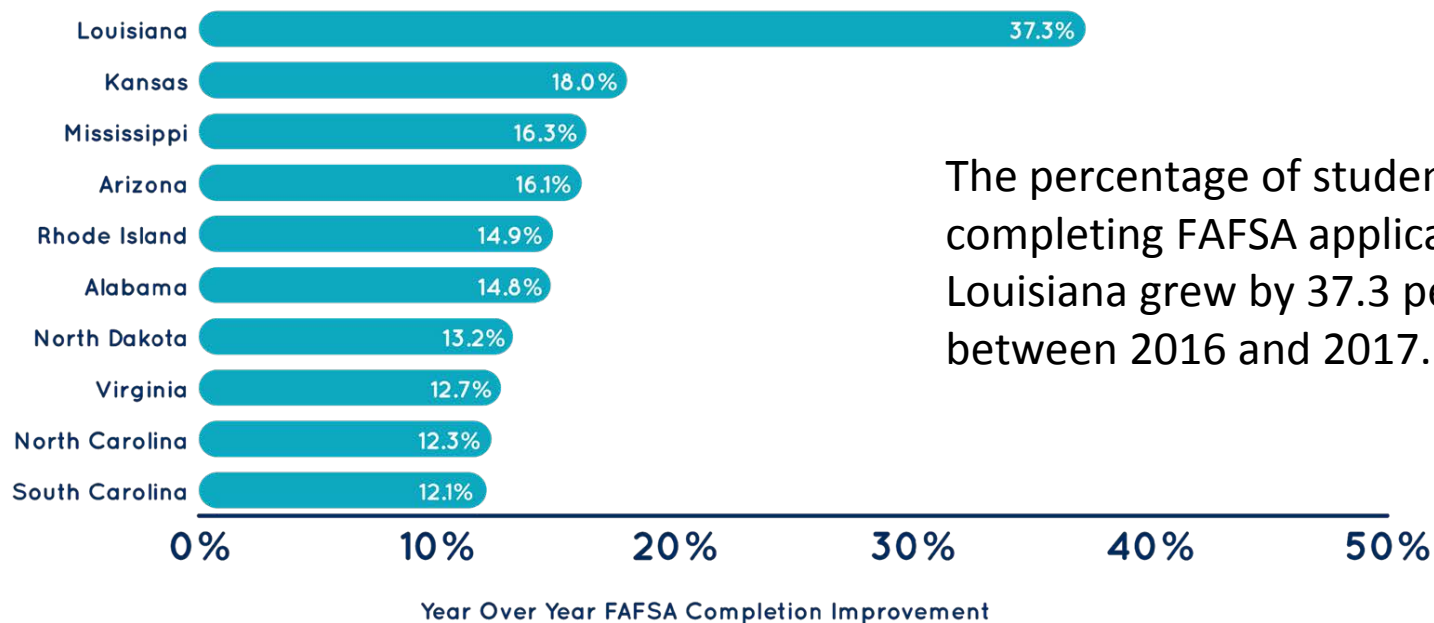


The number of graduates in the class of 2016 is more than 3,500 greater than in the class of 2012.

# Trends in Louisiana: Financial Aid

## TOP 10 STATES WITH GREATEST FAFSA COMPLETION GROWTH

As of December 29, 2017

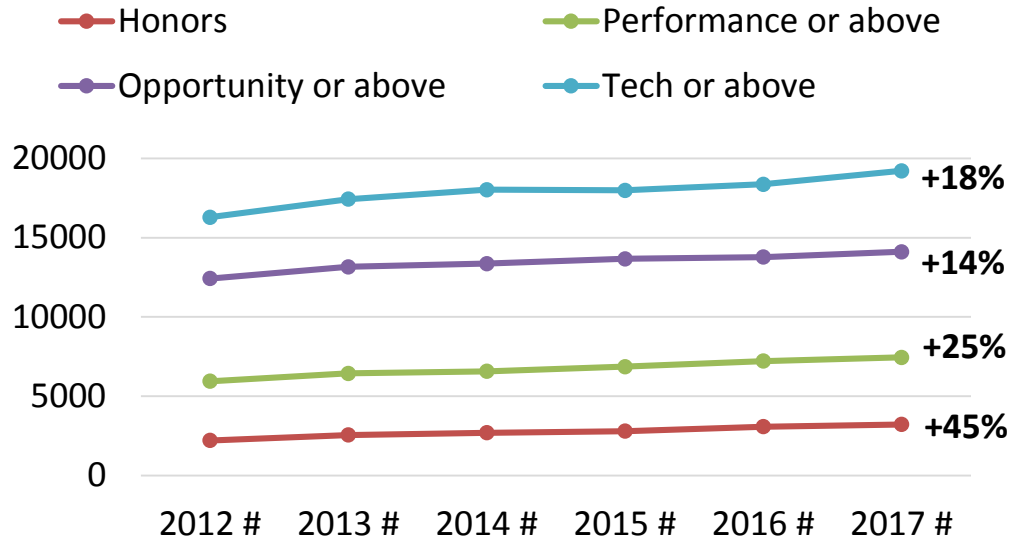


The percentage of students completing FAFSA applications in Louisiana grew by 37.3 percent between 2016 and 2017.



# Trends in Louisiana: TOPS Eligibility

**Public High School Student TOPS Eligibility Growth  
from 2012 to 2017**

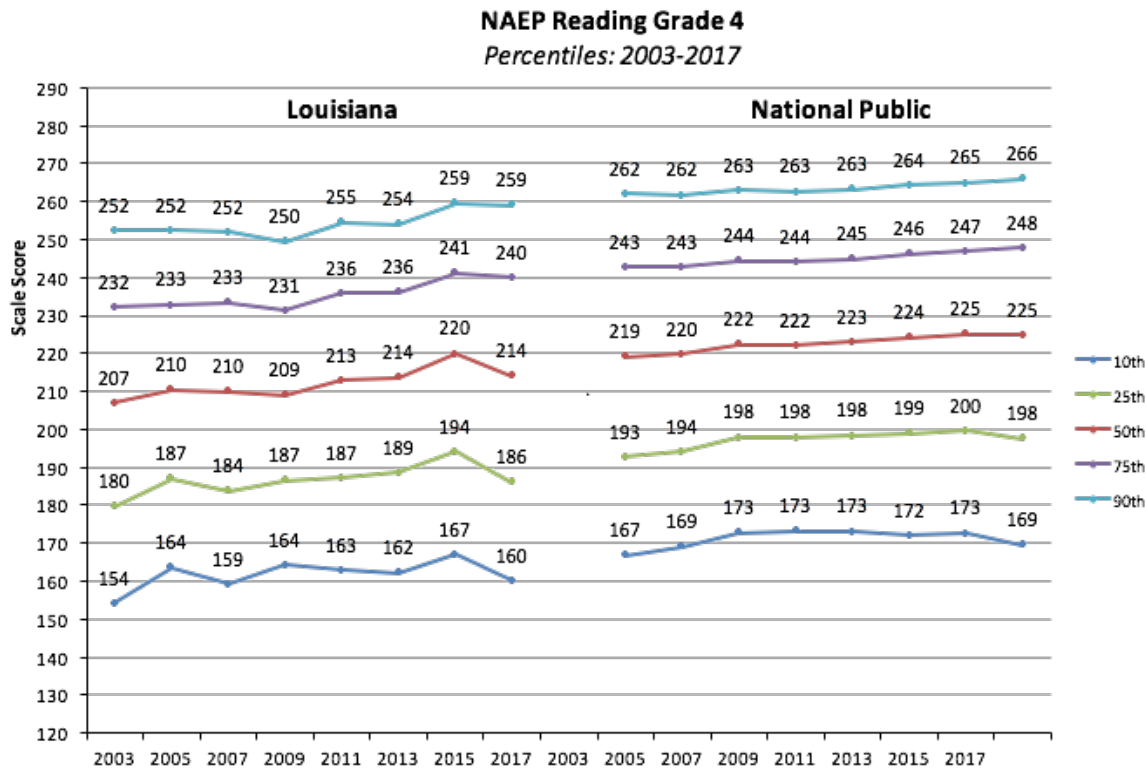


The number of students annually eligible for TOPS scholarships, or full college tuition, has increased by 18 percent.

# Detailed NAEP Trends

In both Louisiana and national results,

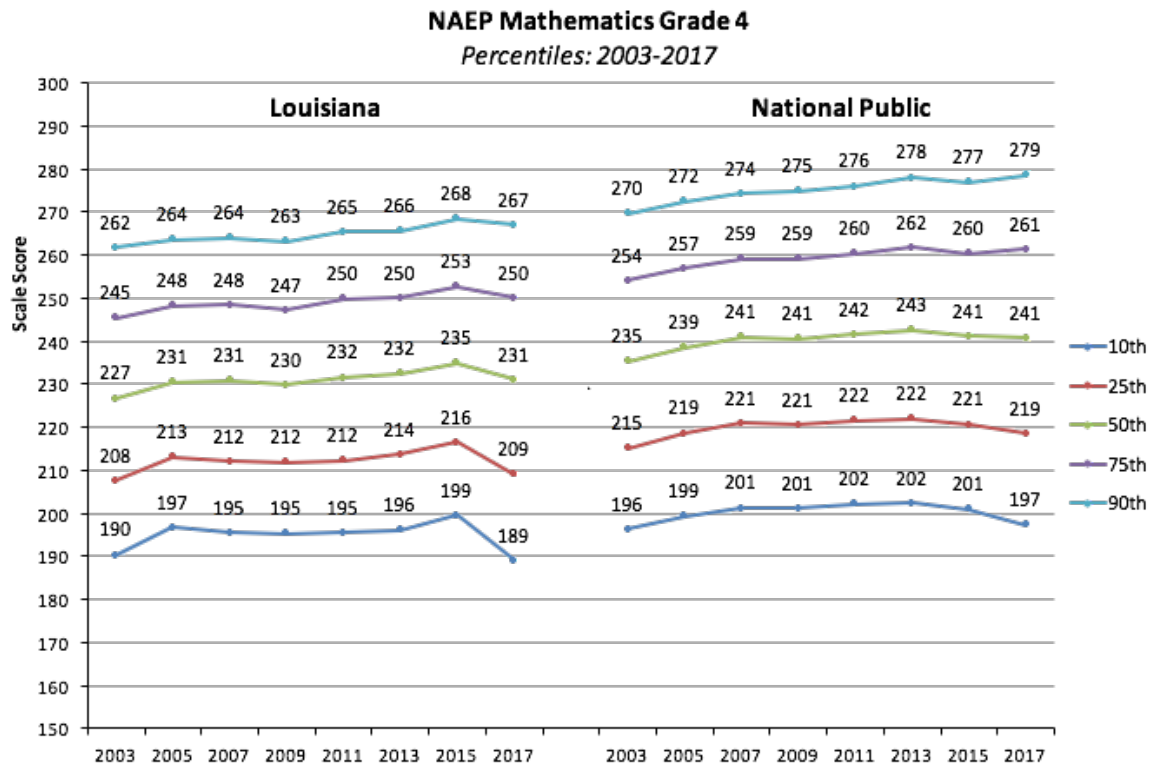
- **High-performing** students are performing at **higher** levels
- **Low-performing** students are performing at **lower** levels



# 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

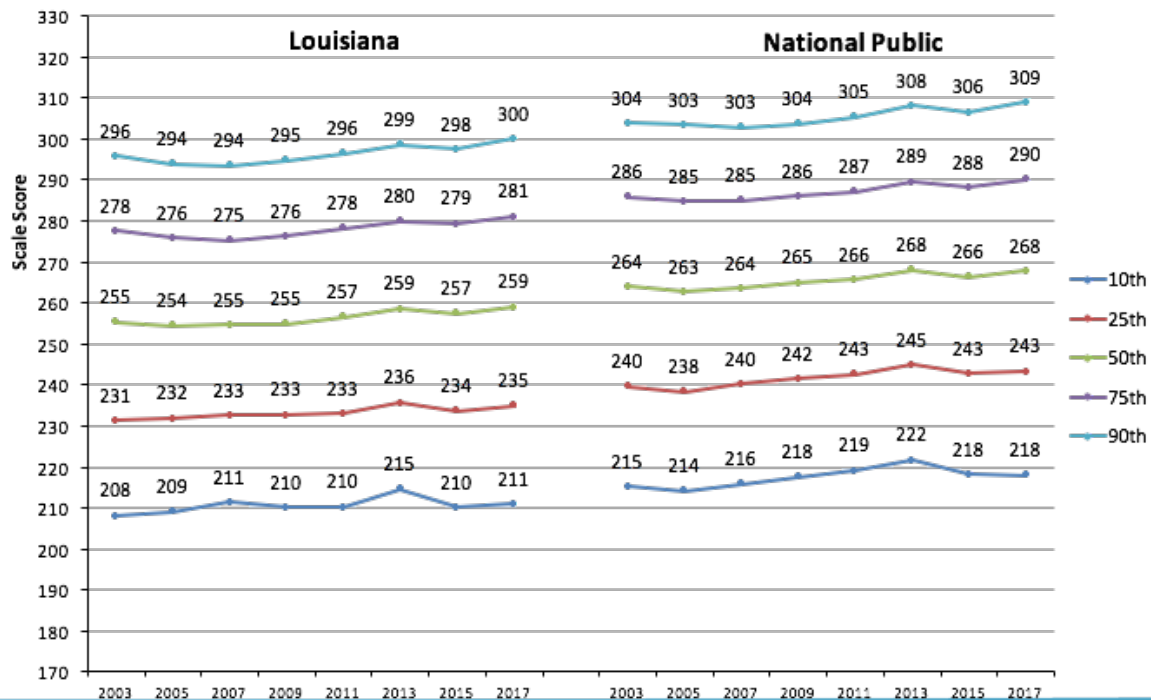


# Detailed NAEP Trends

In both Louisiana and national results,

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

**NAEP Reading Grade 8**  
Percentiles: 2003-2017

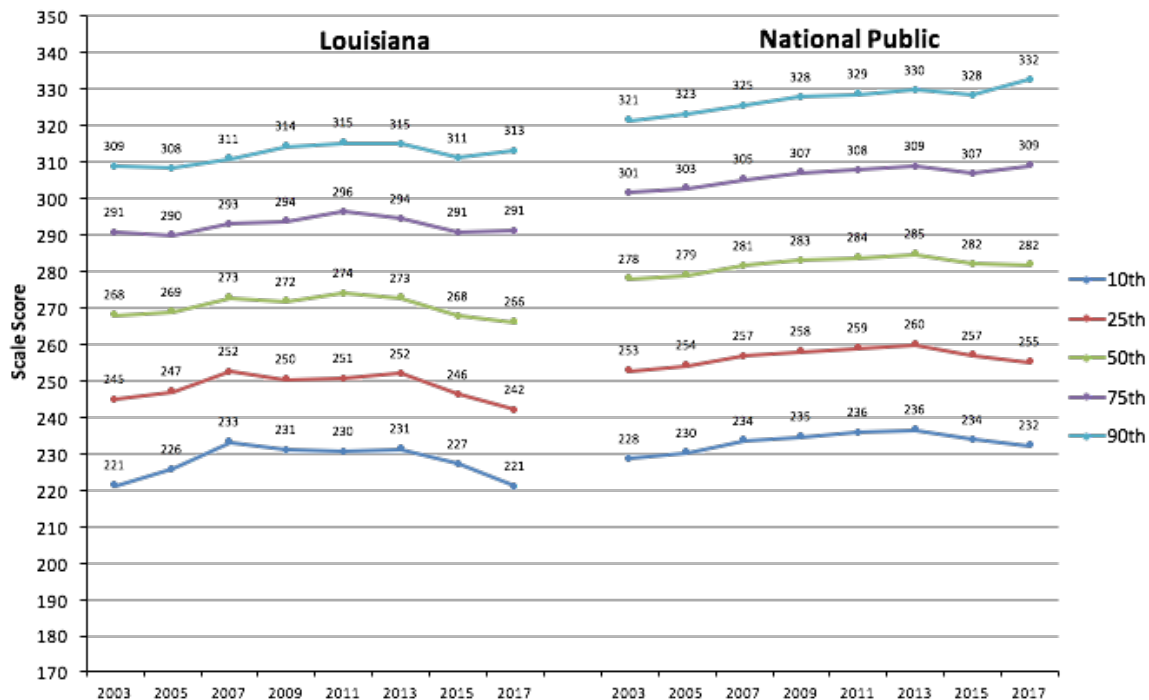


# Detailed NAEP Trends

In both Louisiana and national results,

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

**NAEP Mathematics Grade 8**  
Percentiles: 2003-2017



# 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.