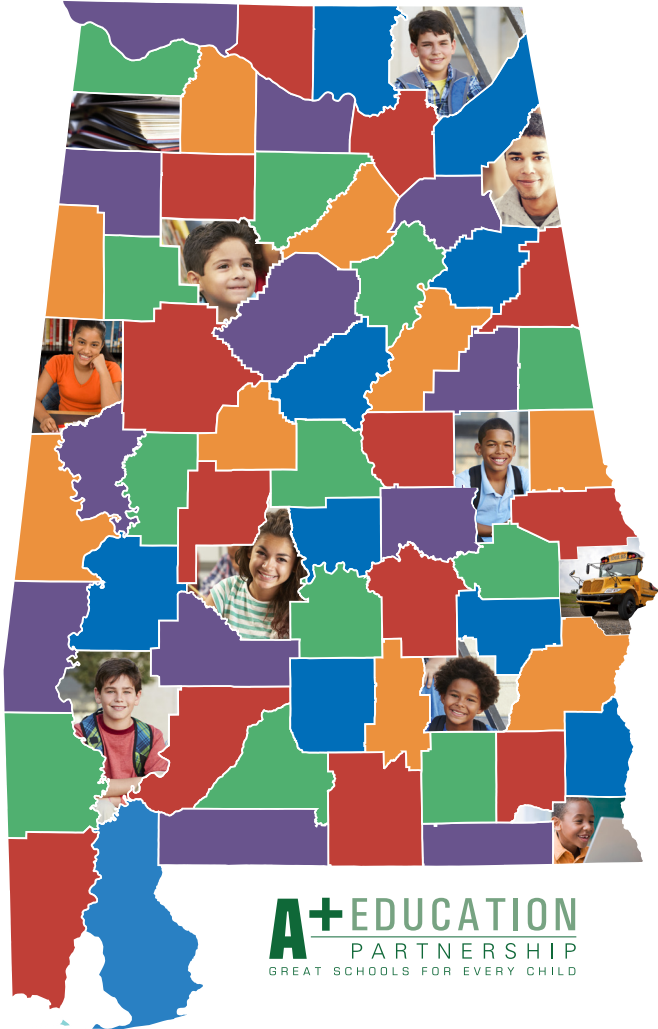


Alabama

PUBLIC EDUCATION

at a glance



A+EDUCATION
PARTNERSHIP
GREAT SCHOOLS FOR EVERY CHILD

Alabama PUBLIC EDUCATION *at a glance*

A+ has compiled this data to provide information on the state of education in Alabama, using the most current data available. Contact us with questions or comments.

For more information, contact Thomas Rains, policy director at A+,
at thomas@aplusala.org or (334) 279-1886.



Home of the Alabama Best Practices Center and A+ College Ready

A+ Education Partnership is a statewide, non-partisan, non-profit organization that works to shape policy, improve teaching and learning, and engage communities in ongoing conversations about the best ways to create great schools for every child and build a bright future for Alabama.

Book designed and data compiled by:
Thomas Rains, Policy Director
Jill West, Communications Director
Andrew Mitchell, Data and Communications Director

For additional copies, please contact Jill W. West at jill@aplusala.org or (334) 279-1886



STUDENT ENROLLMENT

State Demographics

2013-14 School Year



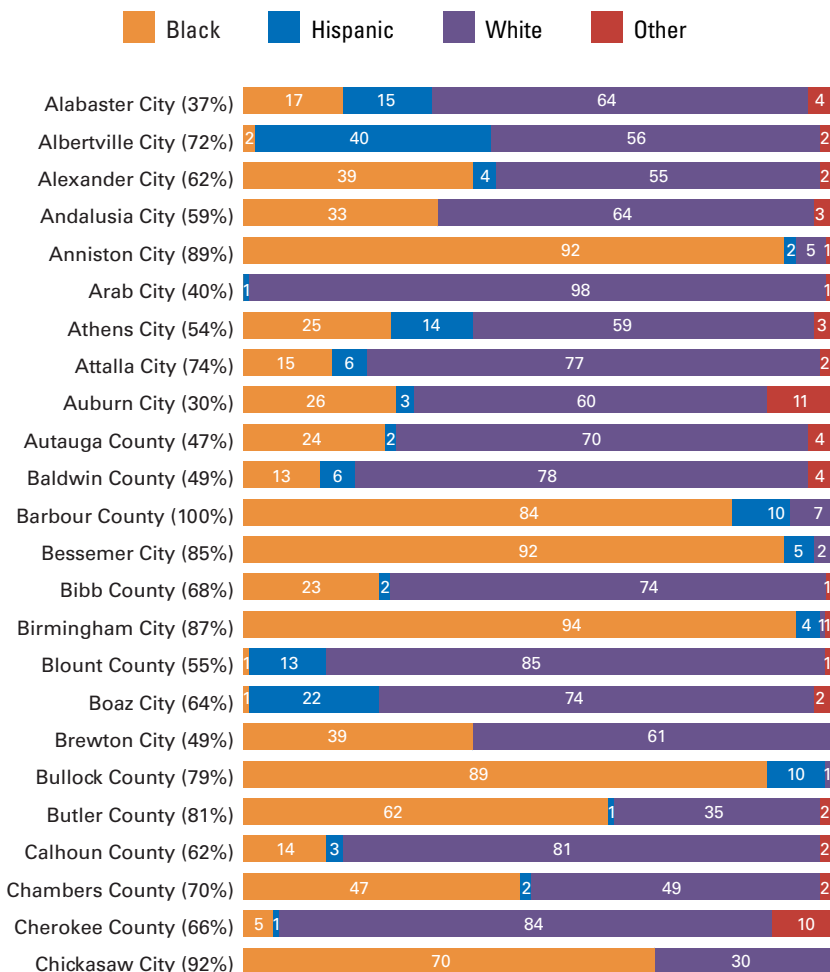
Student Characteristics	State	
	Number	Percentage
RACE		
Asian	9,975	1.35%
Black	247,121	33.54%
Hispanic	40,682	5.52%
American Indian	6,129	0.83%
Multi-Race	11,376	1.54%
Pacific Islander	522	0.07%
White	420,955	57.13%
GENDER		
Female	359,614	48.81%
Male	377,175	51.19%
OTHER CHARACTERISTICS		
Special Education		
• Gifted Students	60,864	8.26%
• Children with Disabilities	80,803	10.97%

System Demographics

2013-14 School Year



The following charts show the racial demographics of each school system. **The percentage of students who receive free or reduced-price lunch is in parentheses next to the system name.**



Note: Percentages may not total 100% due to rounding.

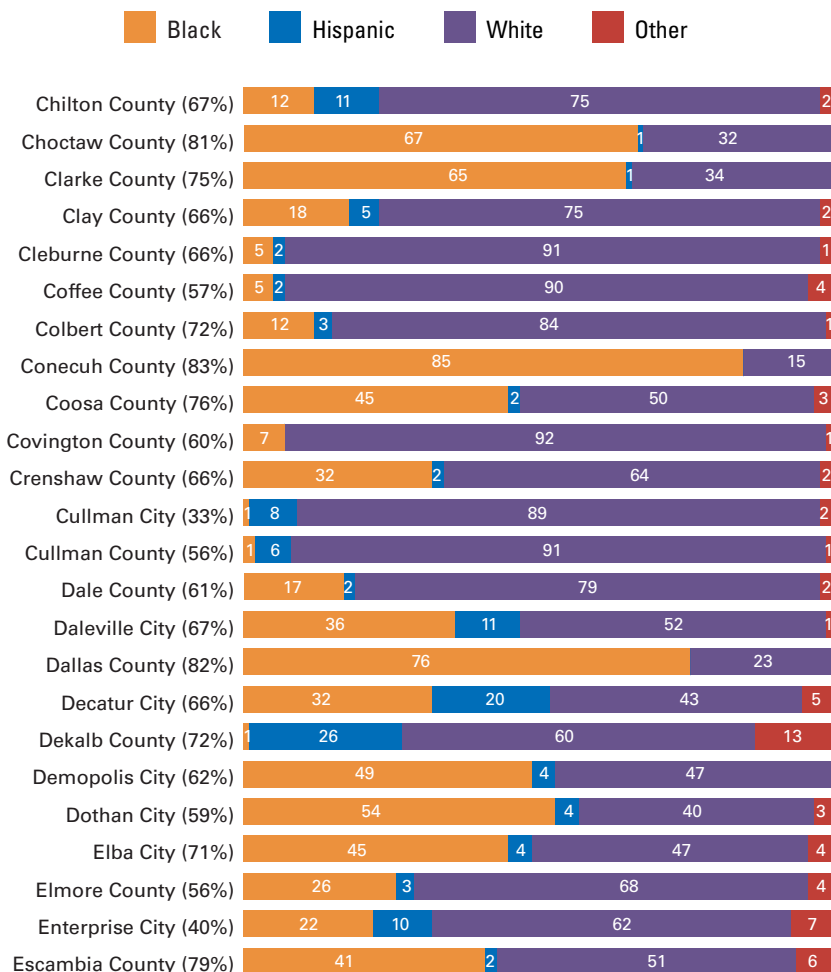
Source: ALSDE

System Demographics

2013-14 School Year



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Source: ALSDE

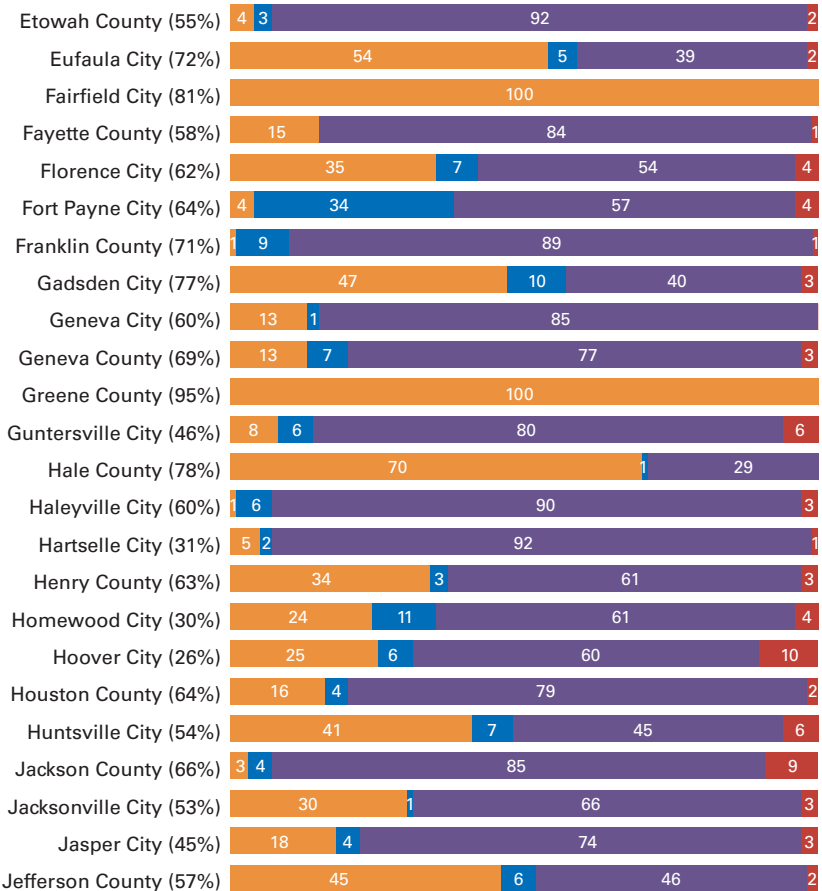
System Demographics

2013-14 School Year



The following charts show the racial demographics of each school system. **The percentage of students who receive free or reduced-price lunch is in parentheses next to the system name.**

■ Black
 ■ Hispanic
 ■ White
 ■ Other



Note: Percentages may not total 100% due to rounding.

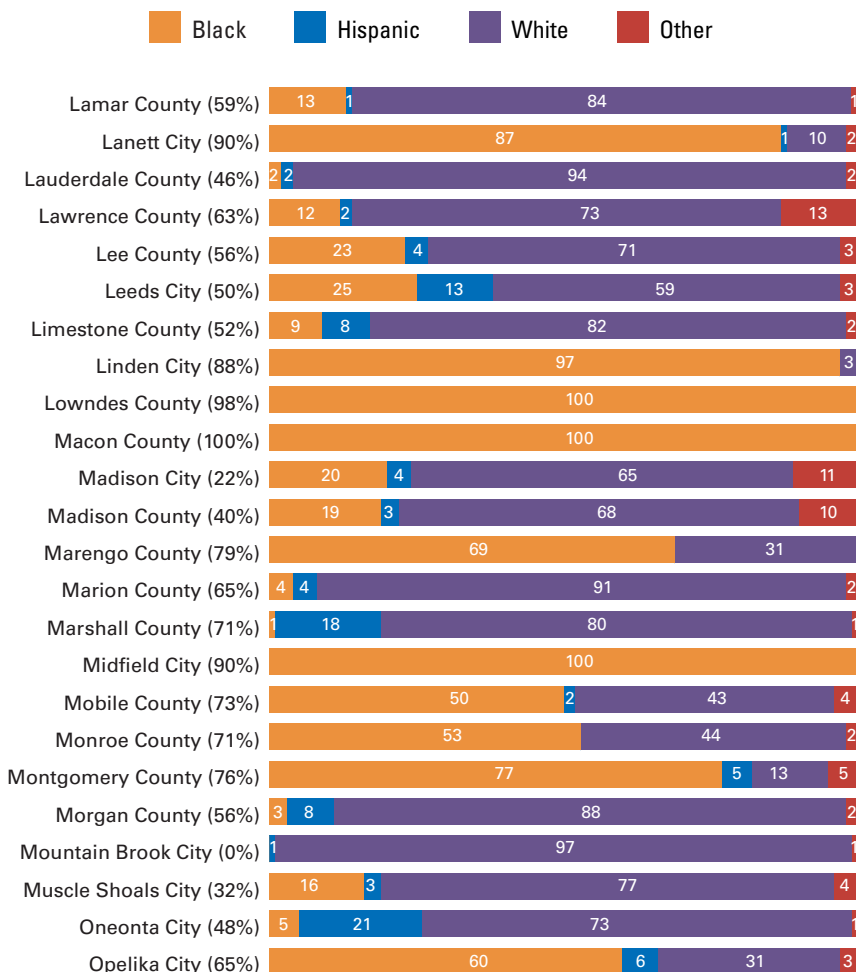
Source: ALSDE

System Demographics

2013-14 School Year



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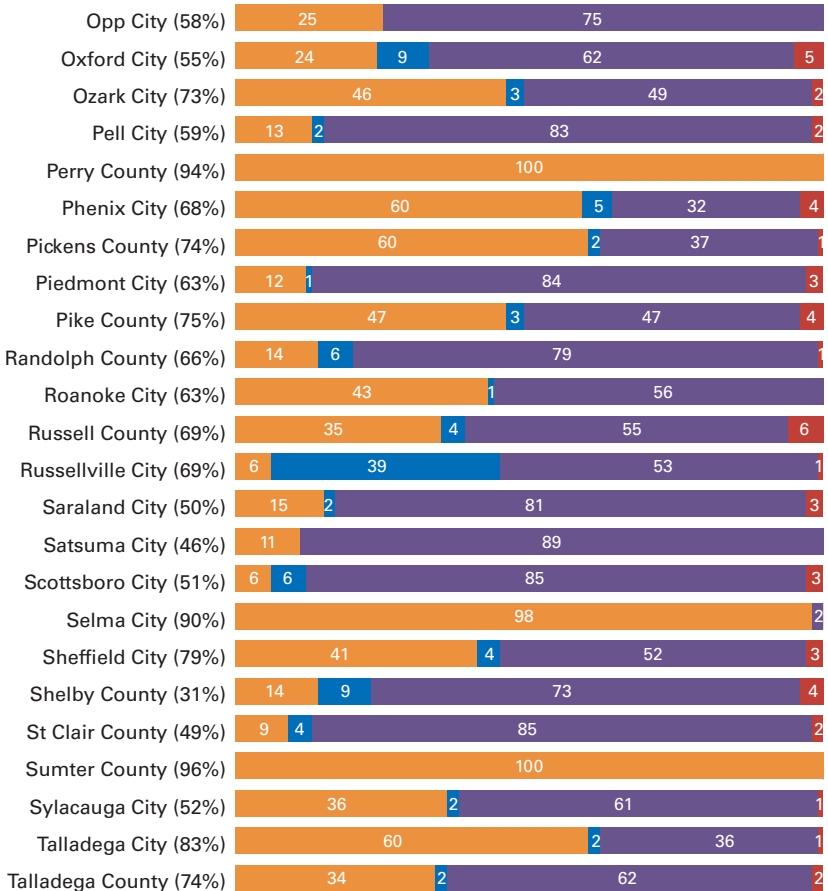
System Demographics

2013-14 School Year



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Black
 Hispanic
 White
 Other



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Source: ALSDE

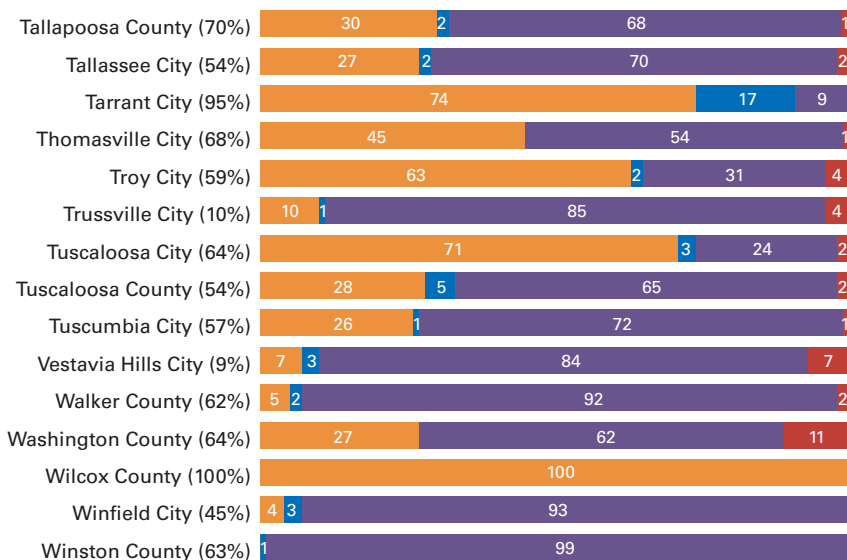
System Demographics

2013-14 School Year



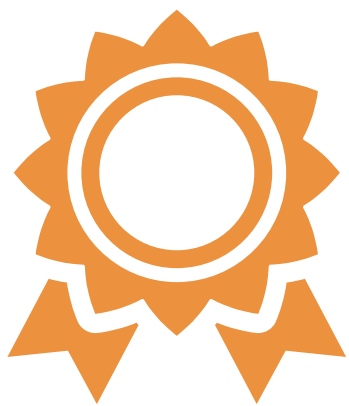
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■ Black
 ■ Hispanic
 ■ White
 ■ Other



Note: Percentages may not total 100% due to rounding.

Source: ALSDE



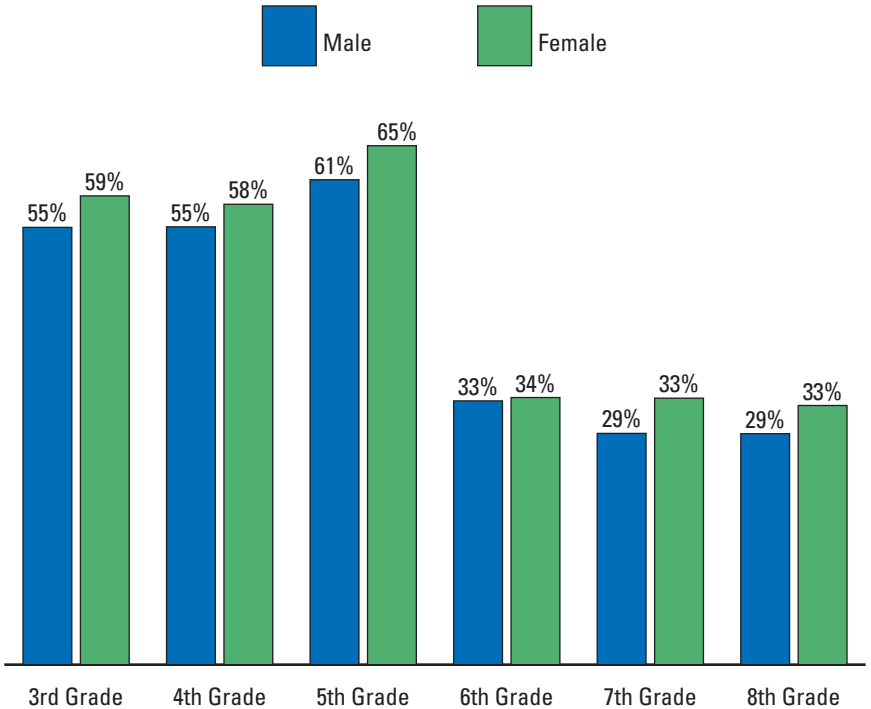
STUDENT ACHIEVEMENT

ARMT Math Achievement Gaps: Males and Females



Percentage of students scoring Level IV on the ARMT Math in 2012-13

- 2012-13 was the last school year that the ARMT was given. Beginning in 2013-14, the ACT Aspire replaced the ARMT, but at the time of publication the state's ACT Aspire data were not available. The ARMT data cited here serve to highlight achievement gaps in Alabama's education system.

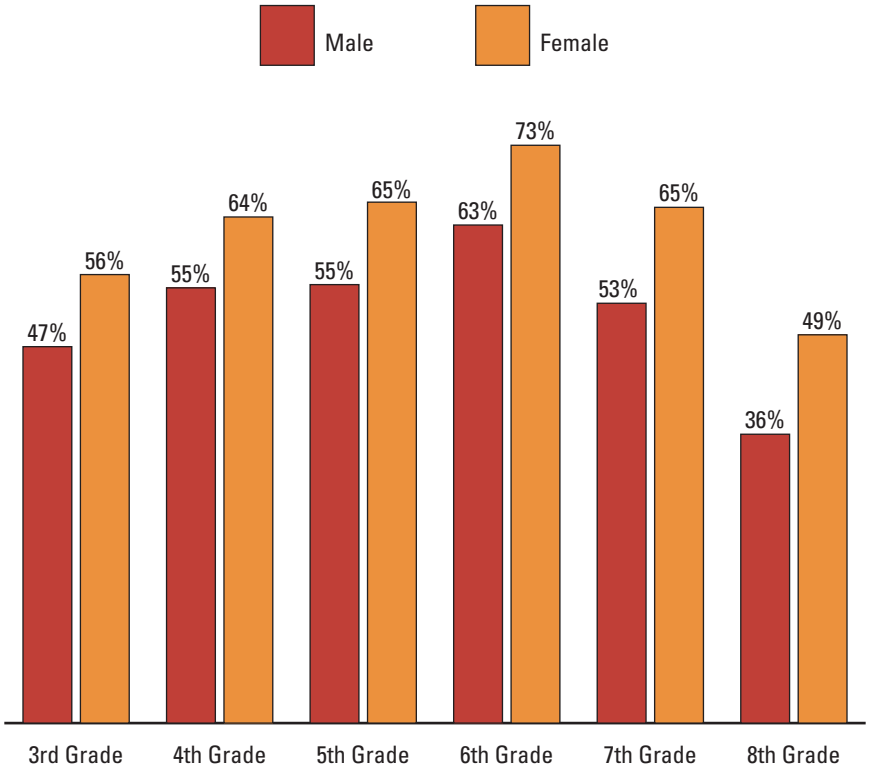


ARMT Reading Achievement Gaps: Males and Females



Percentage of students scoring Level IV on the ARMT Reading in 2012-13

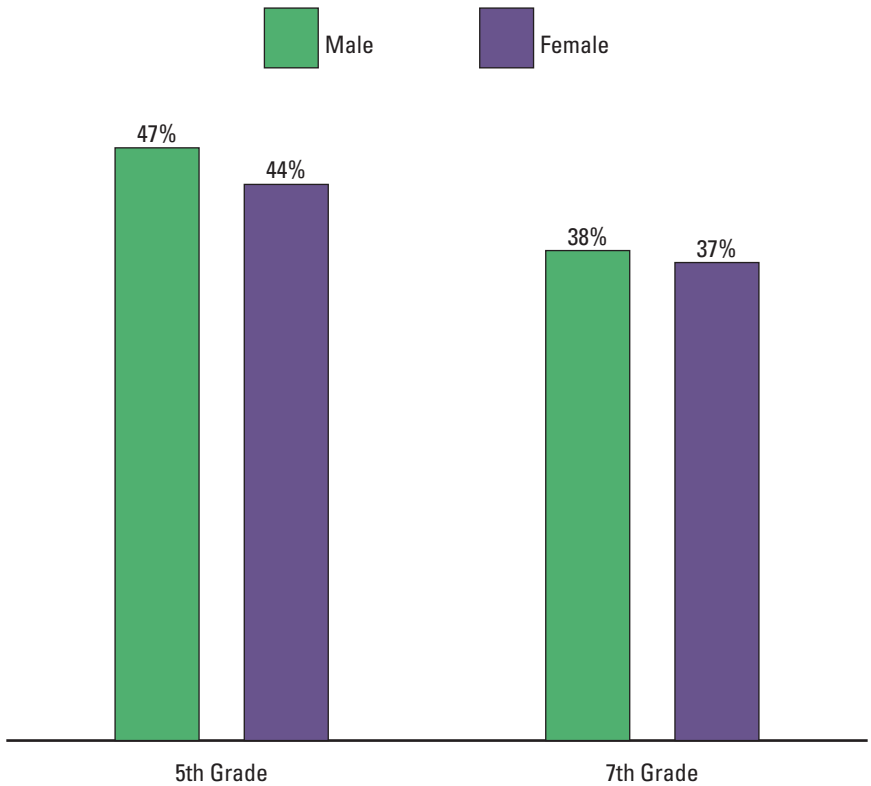
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Science Achievement Gaps: Males and Females



Percentage of students scoring Level IV on the
Alabama Science Assessment in 2012-13



Note: The Alabama Science Assessment was given in 2013-14, but results were not available at the time of publication.

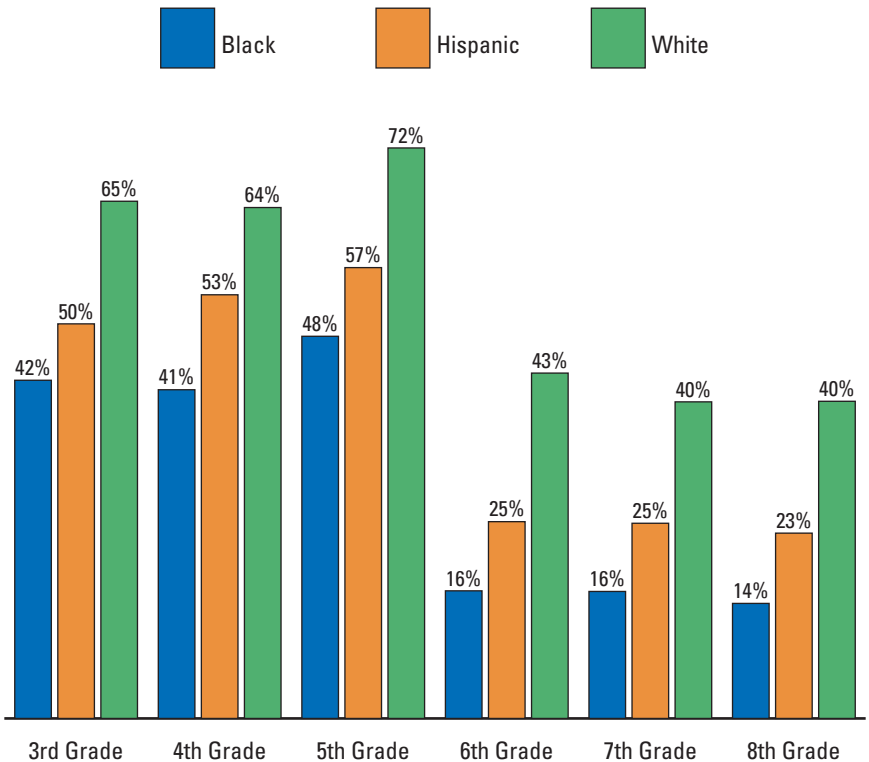
Source: ALSDE

ARMT Math Achievement Gaps: Black and Hispanic Students



Percentage of students scoring Level IV on the ARMT Math in 2012-13

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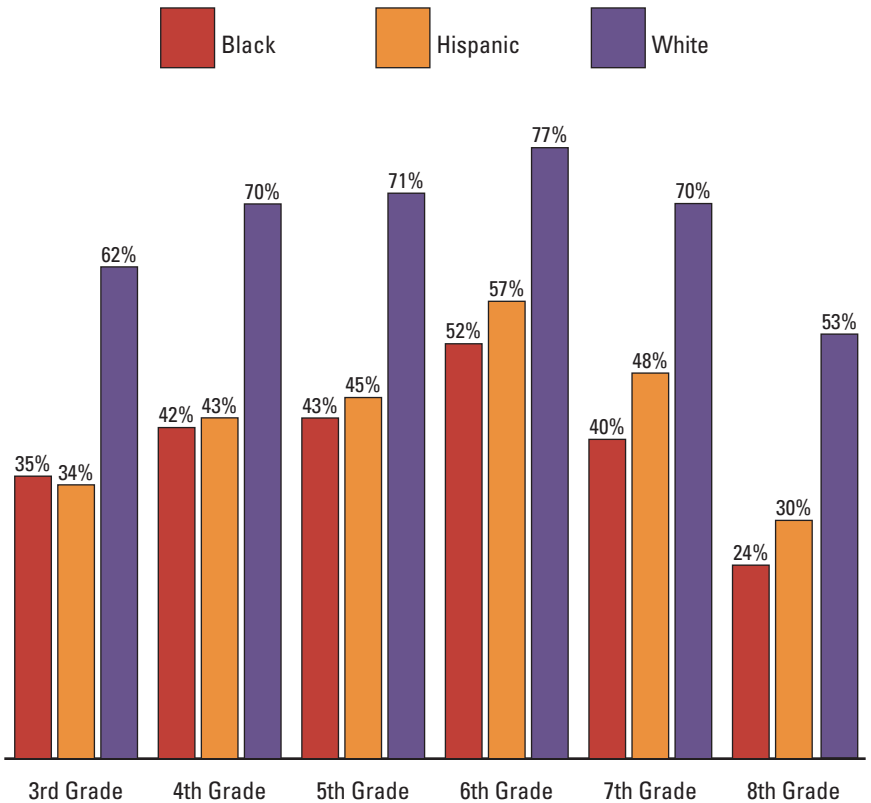


ARMT Reading Achievement Gaps: Black and Hispanic Students



Percentage of students scoring Level IV on the ARMT Reading in 2012-13

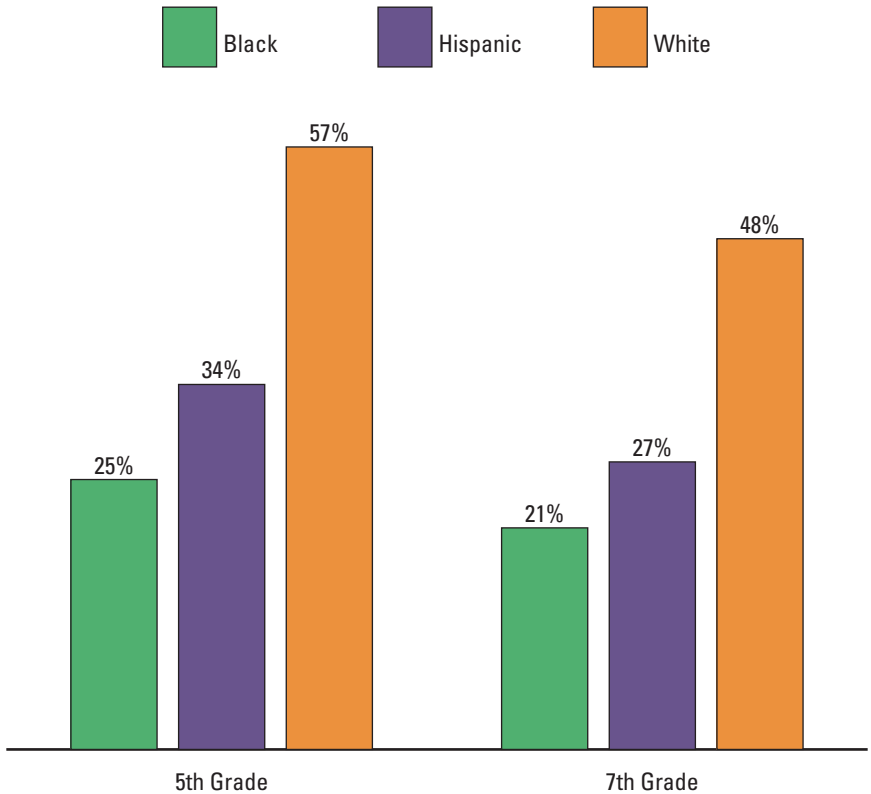
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Science Achievement Gaps: Black and Hispanic Students



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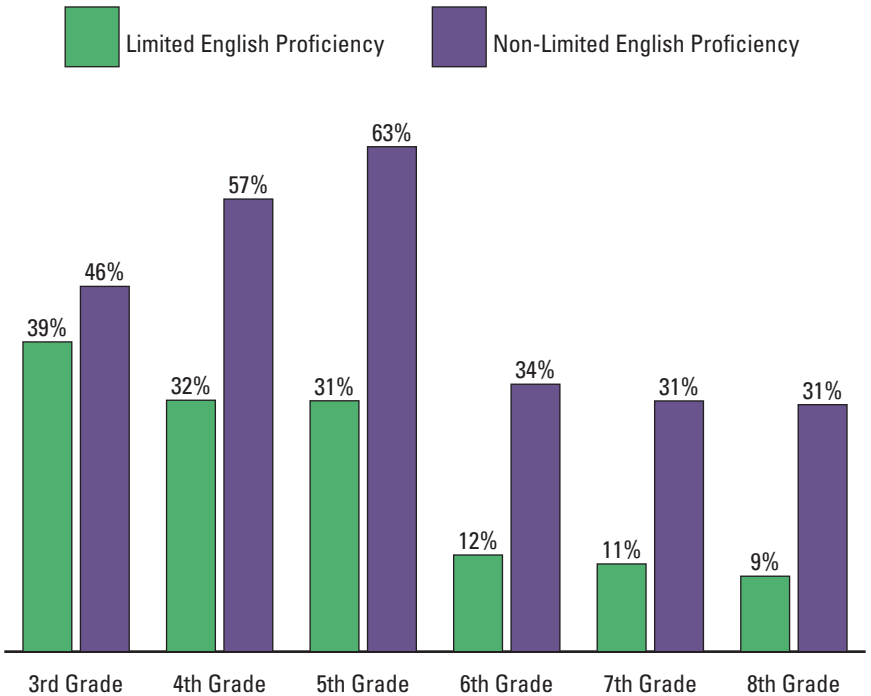
Note: The Alabama Science Assessment was given in 2013-14, but results were not available at the time of publication.
Source: ALSDE

ARMT Math Achievement Gaps: English Language Learners



Percentage of students scoring Level IV on the ARMT Math in 2012-13

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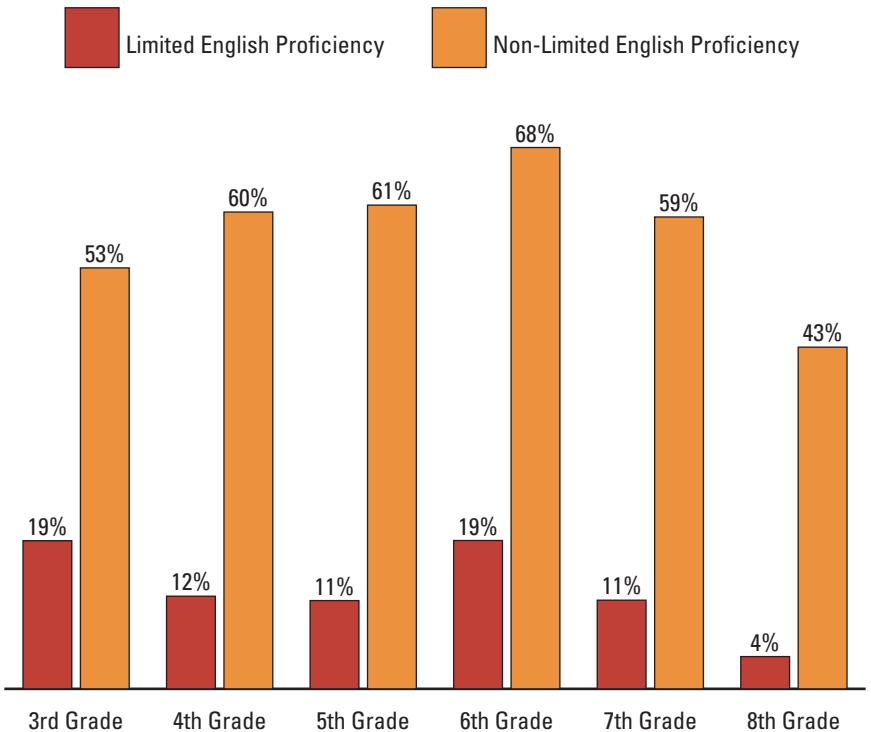


ARMT Reading Achievement Gaps: English Language Learners



Percentage of students scoring Level IV on the ARMT Reading in 2012-13

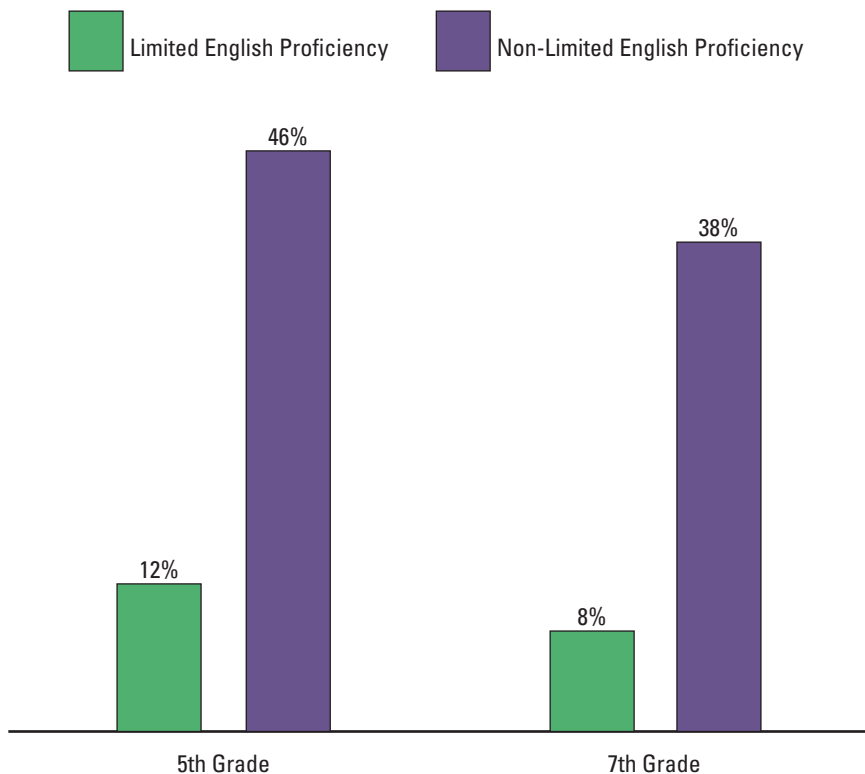
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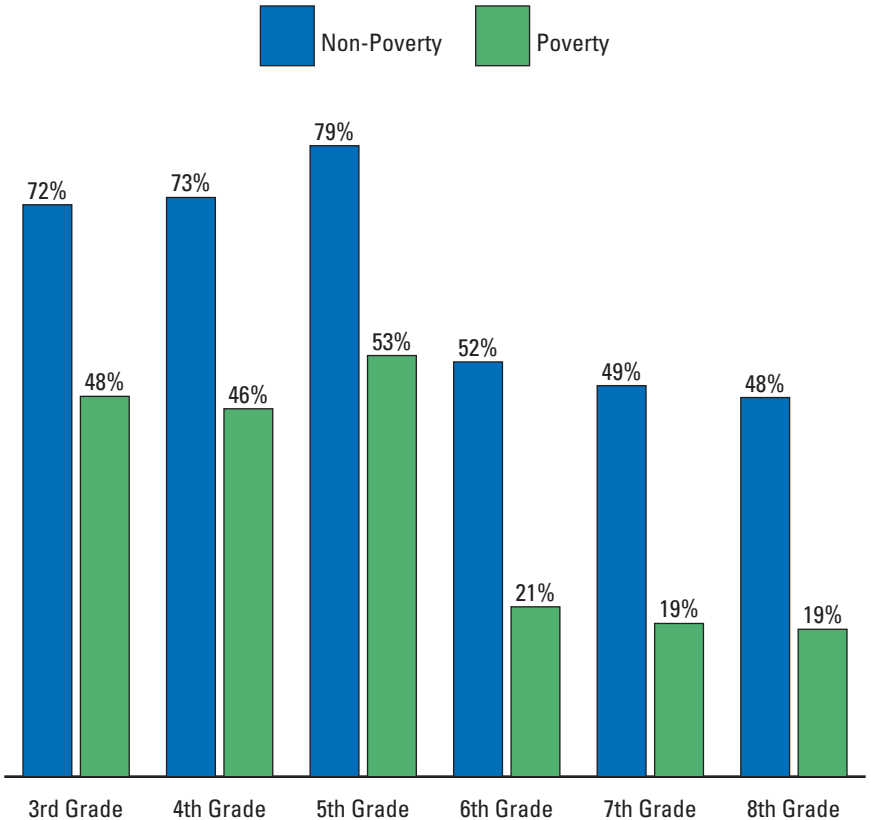
Source: ALSDE

ARMT Math Achievement Gaps: Low-Income Students



Percentage of students scoring Level IV on the ARMT Math in 2012-13

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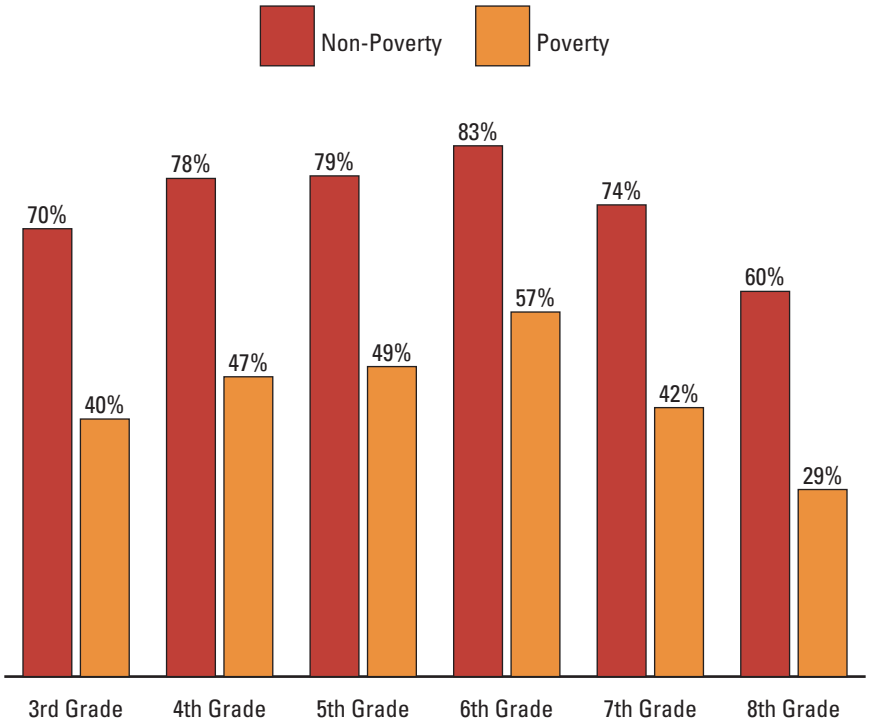


ARMT Reading Achievement Gaps: Low-Income Students



Percentage of students scoring Level IV on the ARMT Reading in 2012-13

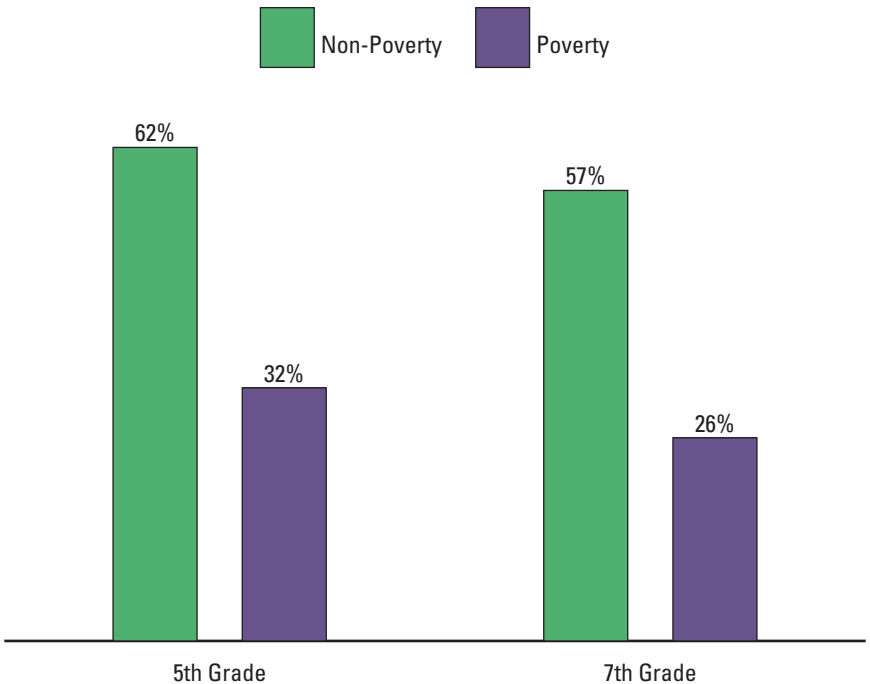
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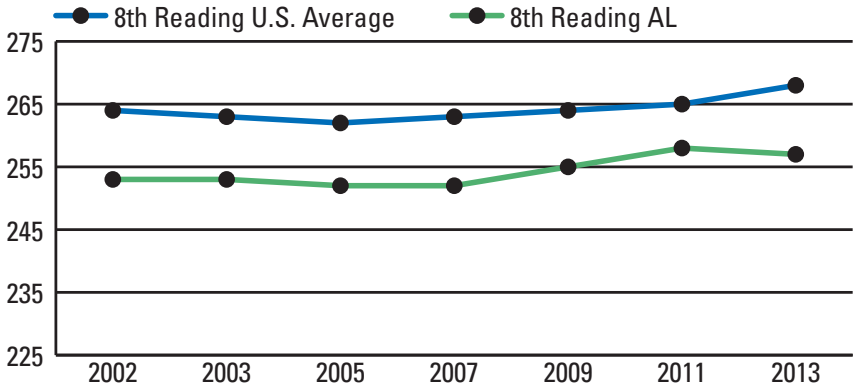
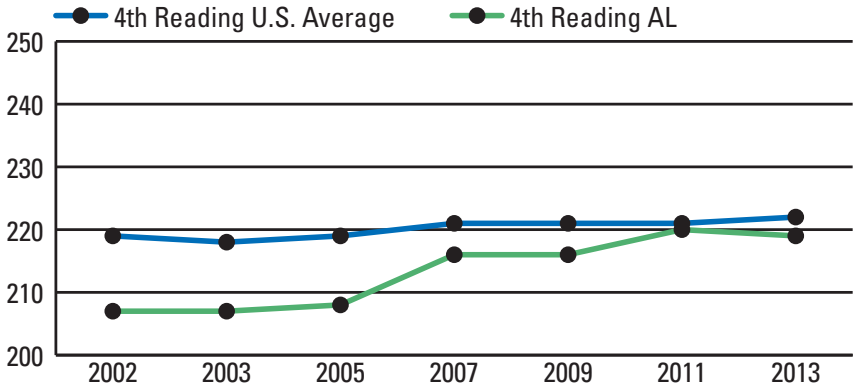
Source: ALSDE

NAEP Assessment Scores: How Alabama Compares in Reading



Trends in scores on the National Assessment of Educational Progress in 4th and 8th grade reading.

- Alabama has closed the gap in 4th grade, but still lags the nation in 8th grade.



Note: The NAEP Mathematics scale ranges from 0 to 500. Some apparent differences between estimates may not be statistically significant.

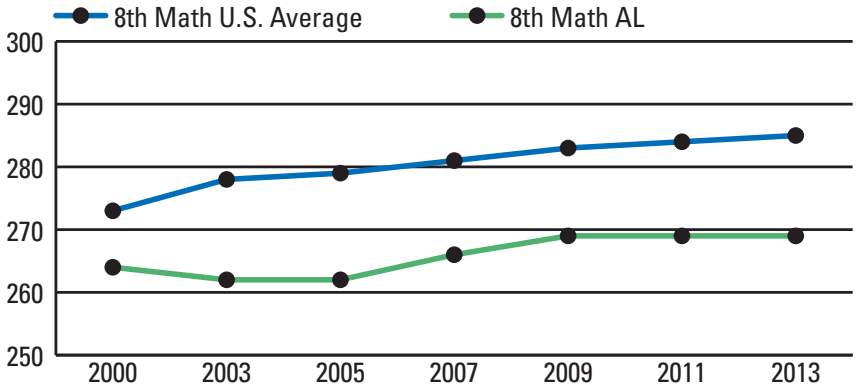
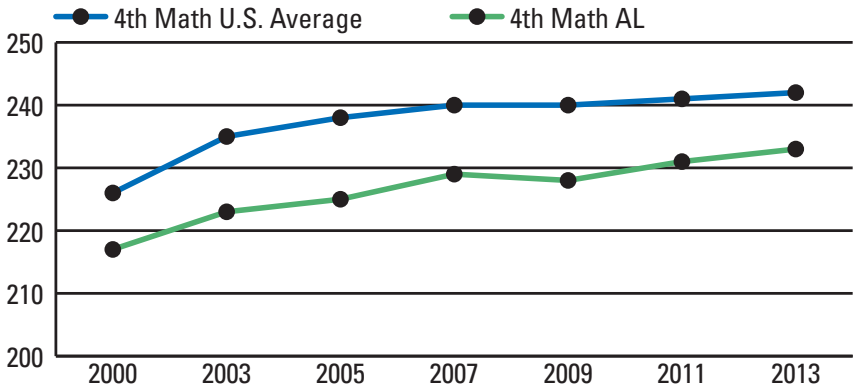
Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2002, 2003, 2005, 2007, 2009, 2011 and 2013 Reading Assessments.

NAEP Assessment Scores: How Alabama Compares in Math



Trends in scores on the National Assessment of Educational Progress in 4th and 8th grade math.

- Alabama lags behind the rest of the nation in both grades.



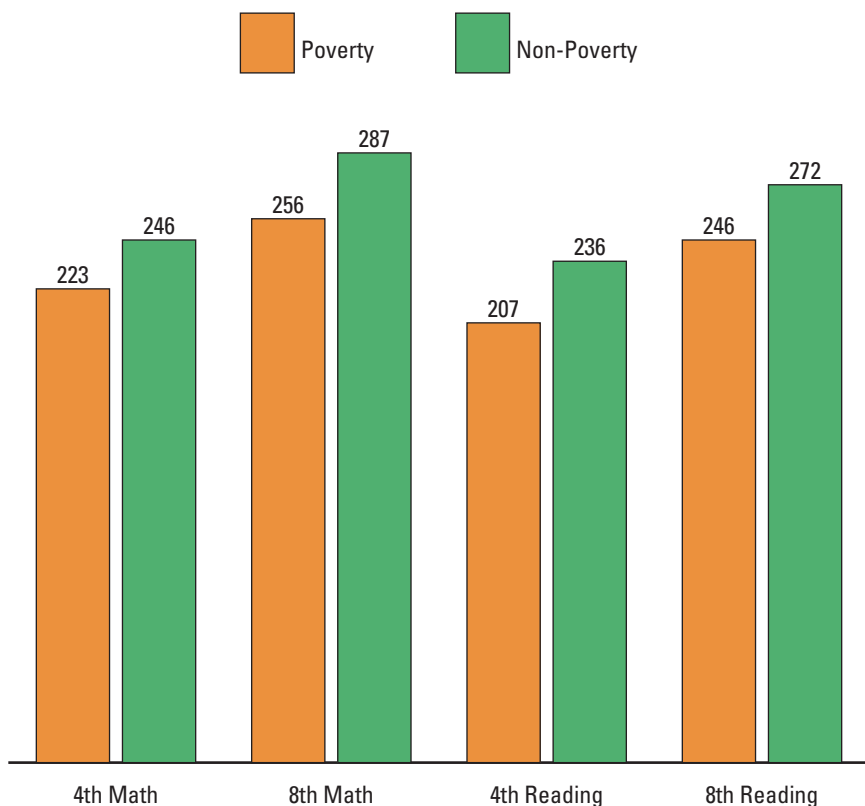
Note: The NAEP Mathematics scale ranges from 0 to 500. Some apparent differences between estimates may not be statistically significant.

Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2000, 2003, 2005, 2007, 2009, 2011 and 2013 Mathematics Assessments.

NAEP Achievement Gaps: Low-Income Students



The difference in scores between students in Alabama from a low-socioeconomic background and their peers on the 2013 National Assessment of Educational Progress.



Note: The NAEP Mathematics scale ranges from 0 to 500. Some apparent differences between estimates may not be statistically significant.

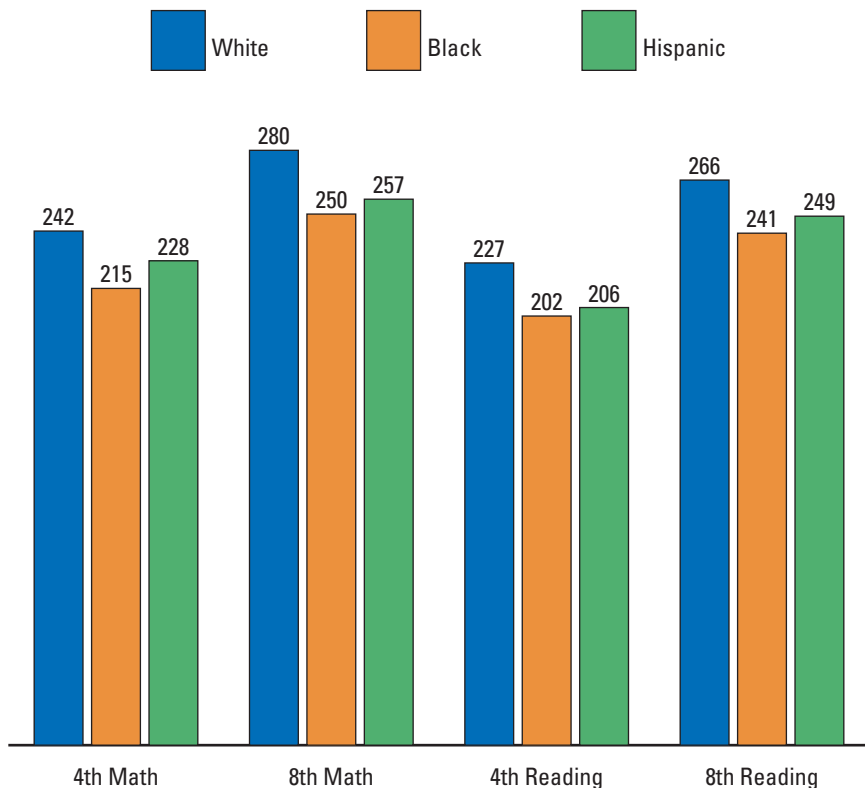
Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Reading Assessment.

NAEP Achievement Gaps: Black and Hispanic Students



The difference in scores among students in Alabama of different races and ethnicities on the 2013 National Assessment of Educational Progress.



Note: The NAEP Mathematics scale ranges from 0 to 500. Some apparent differences between estimates may not be statistically significant.

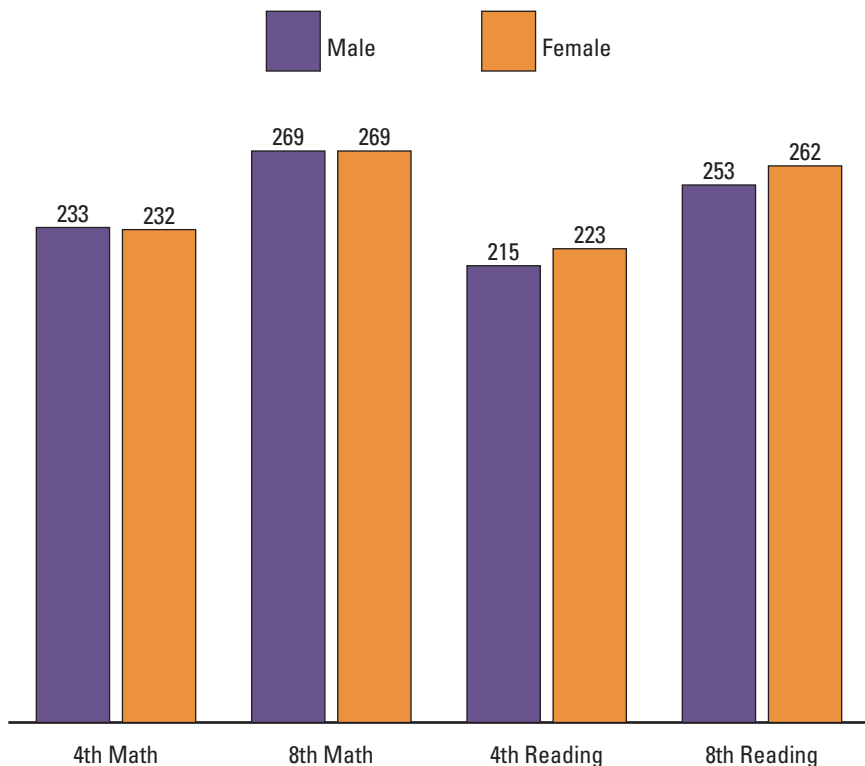
Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Reading Assessment.

NAEP Achievement Gaps: Males and Females



The difference in scores between males and females in Alabama on the 2013 National Assessment of Educational Progress.



Note: The NAEP Mathematics scale ranges from 0 to 500. Some apparent differences between estimates may not be statistically significant.

Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

Source: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Reading Assessment.

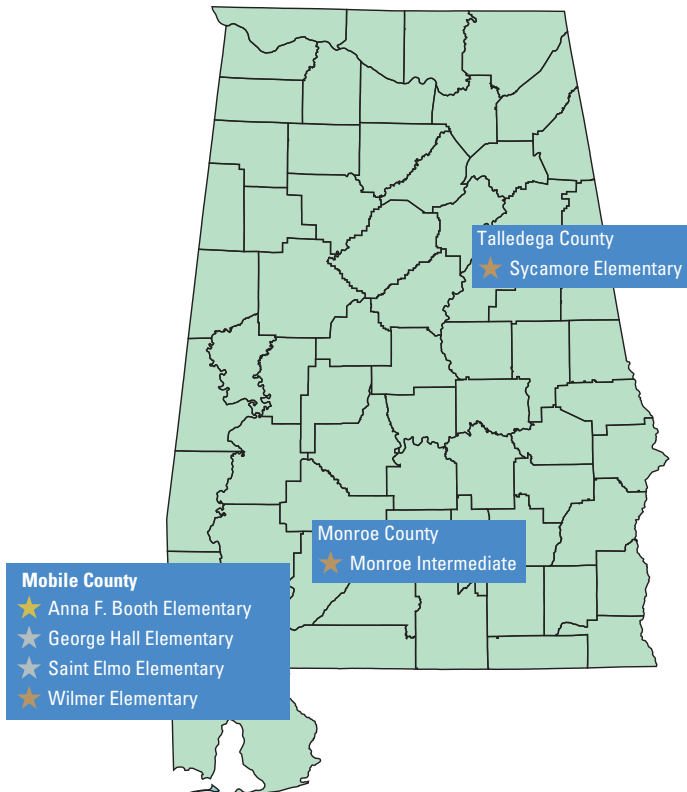
Low-Income Students Who Are Beating the Odds



Torchbearer Schools

Students in these six high-poverty schools beat the odds in 2012-13 by meeting the state standards.

- With this year's awards, Anna Booth Elementary has earned Torchbearer status nine times since the program began in 2004, George Hall Elementary six times, and St. Elmo Elementary five times. Sycamore Elementary has earned Torchbearer status two years in a row.
- Since 2004, a total of 70 schools have earned Torchbearer status, but only 32 have earned it more than once.





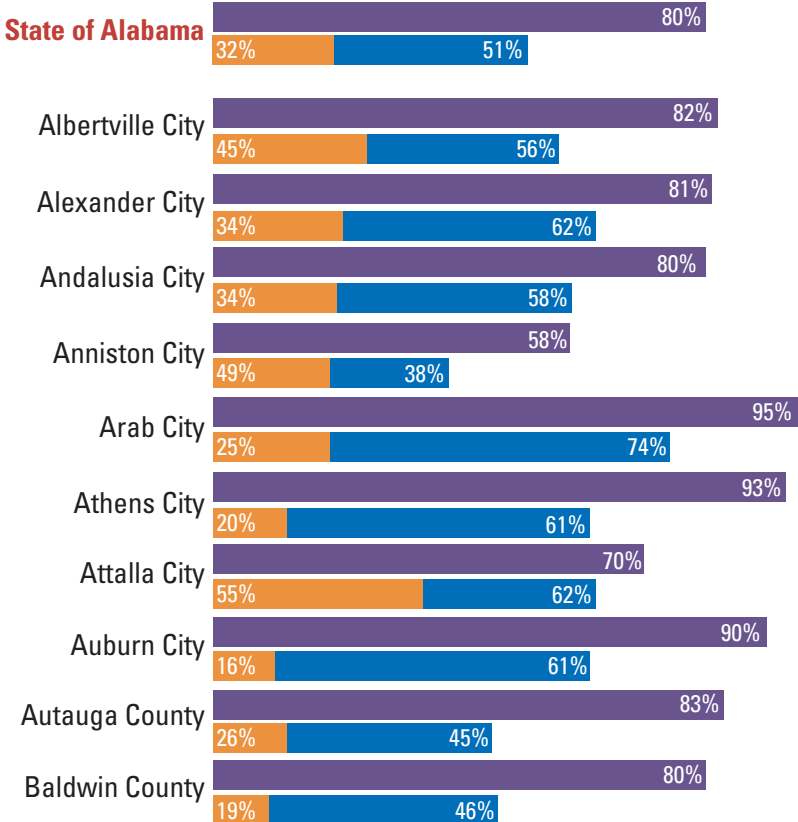
COLLEGE & CAREER READINESS

System Graduation Rates, College Attendance and Remediation Rates



Four-year graduation rates for each system in 2012-13 are represented by the top bars. The bottom bars represent the percentage of graduates who enrolled in two or four-year Alabama colleges and the percentage of those students who had to take remedial classes in math, English, or both.

Graduation Rate
 College Attendance
 Remediation Rates



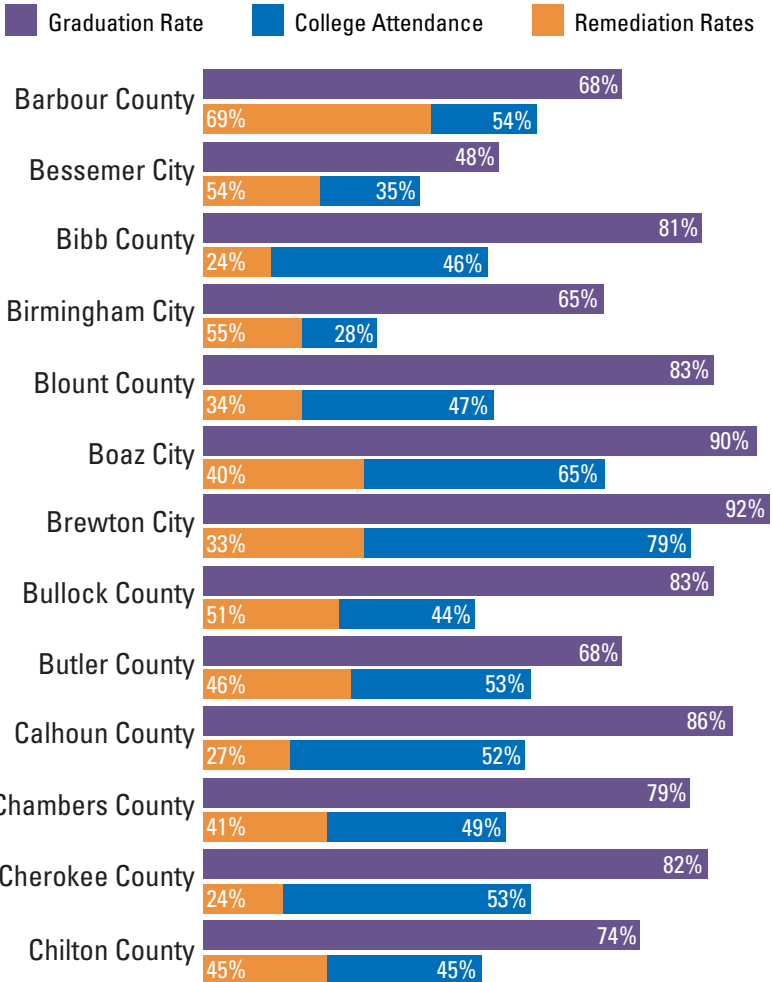
Note: Percentages rounded to the nearest whole percent.

Source: ALSDE, ACHE

System Graduation Rates, College Attendance and Remediation Rates



Continued



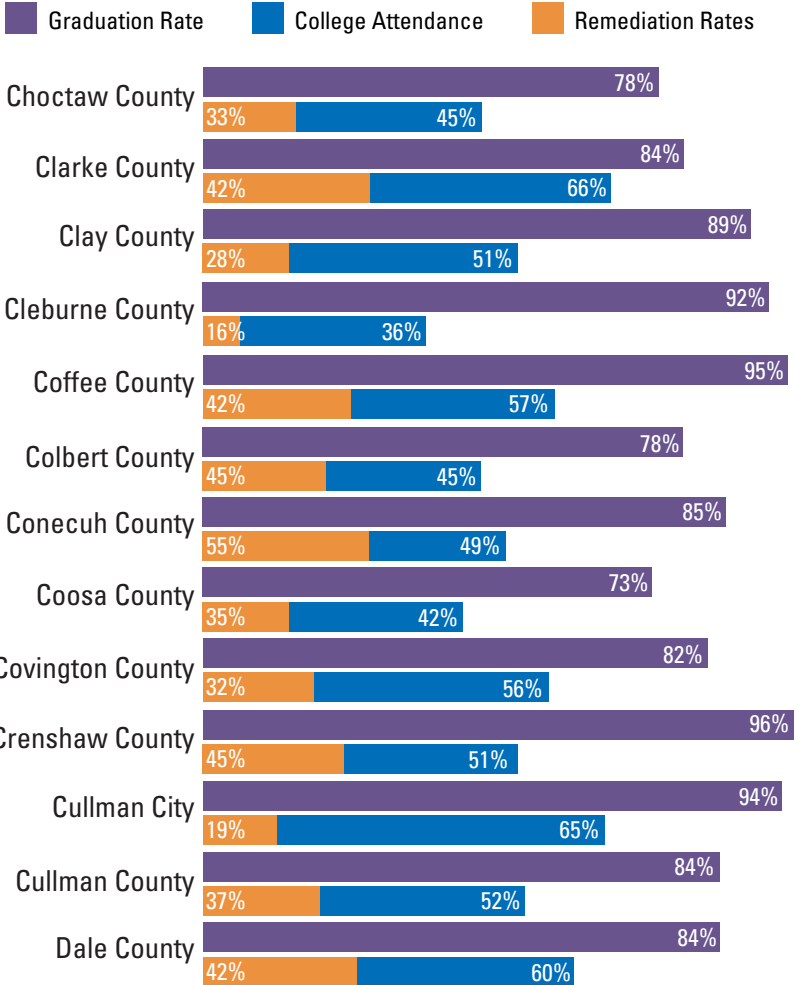
Note: Percentages rounded to the nearest whole percent.

Source: ALSDE, ACHE

System Graduation Rates, College Attendance and Remediation Rates



Continued



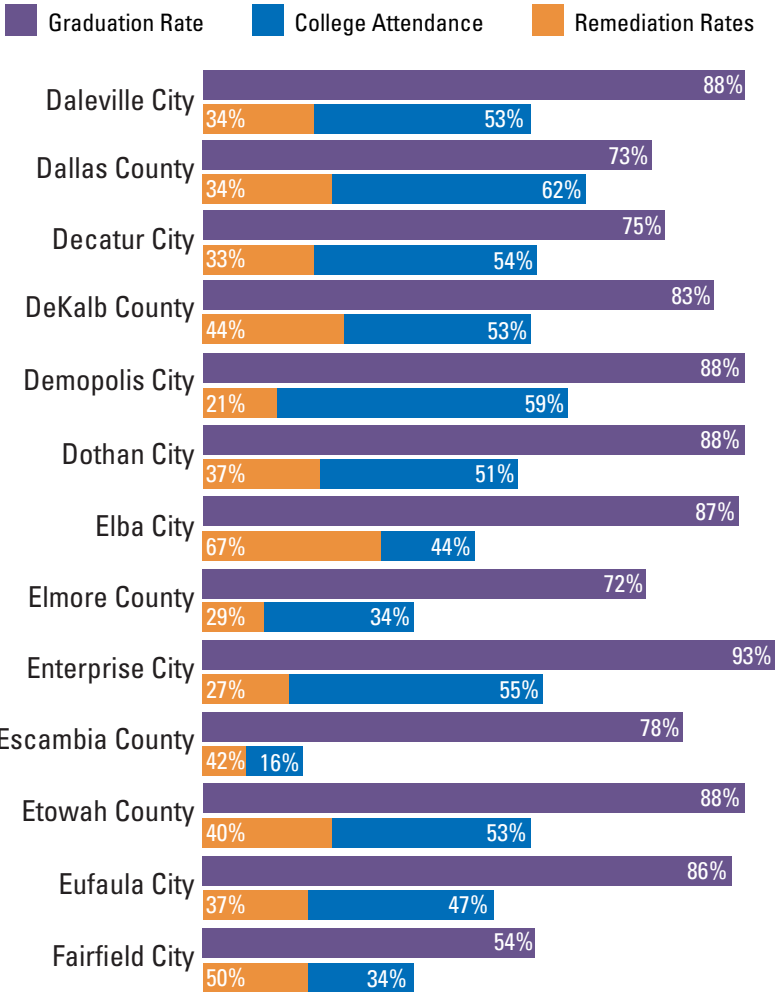
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System Graduation Rates, College Attendance and Remediation Rates



Continued



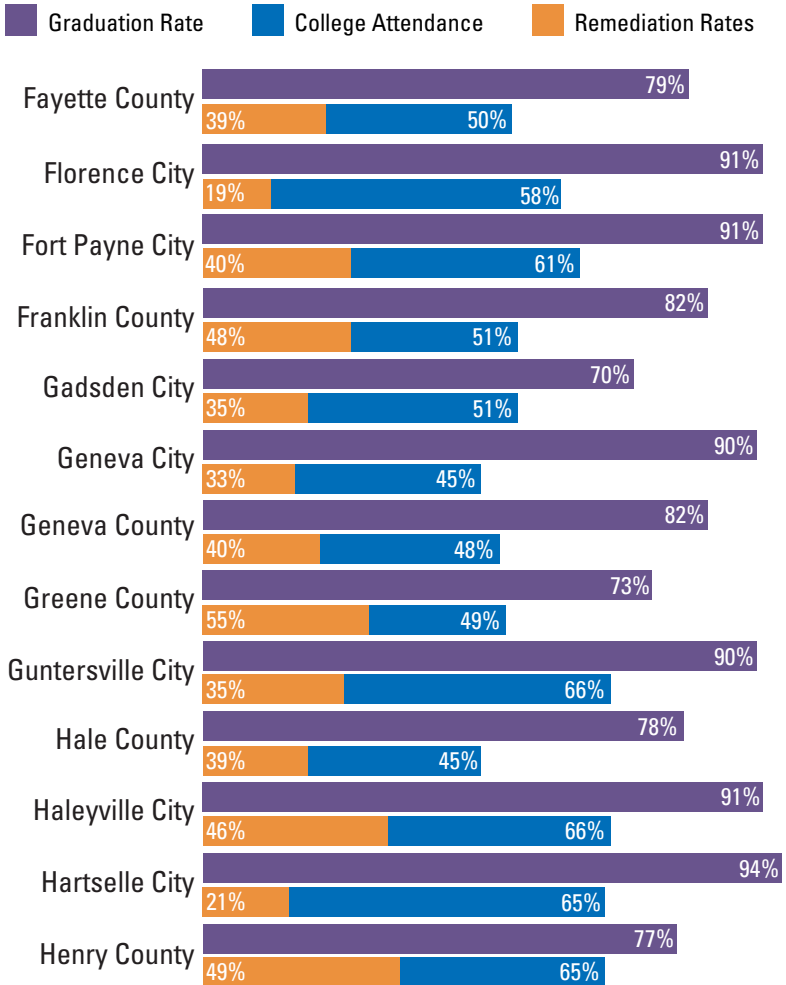
Note: Percentages rounded to the nearest whole percent.

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System Graduation Rates, College Attendance and Remediation Rates



Continued



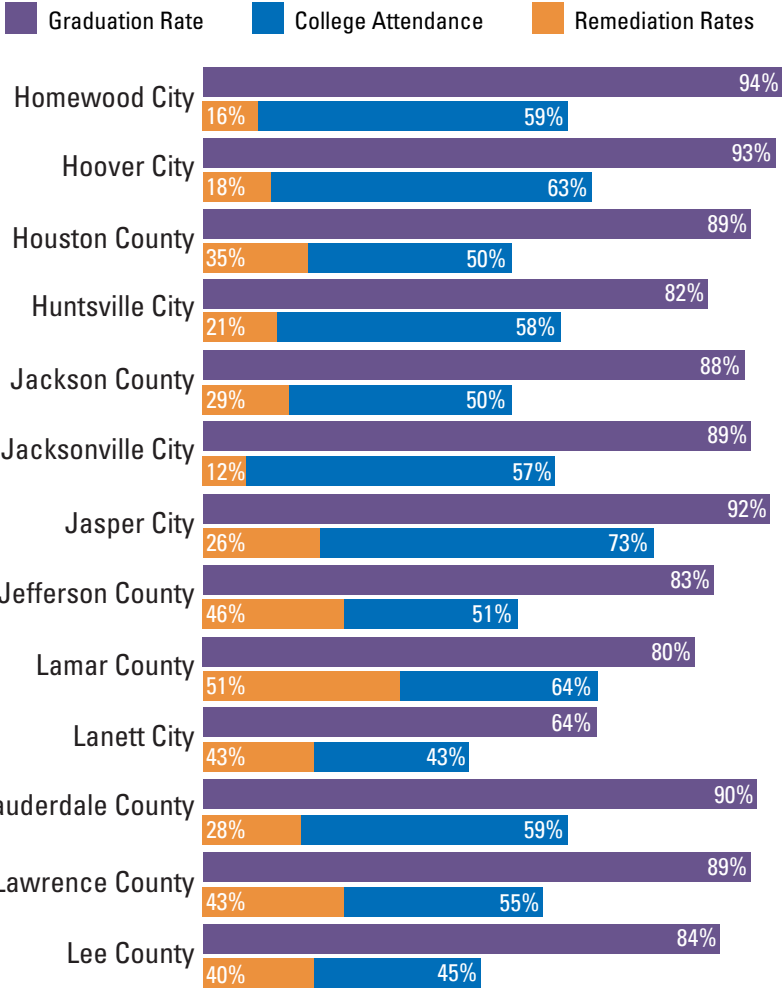
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System Graduation Rates, College Attendance and Remediation Rates



Continued



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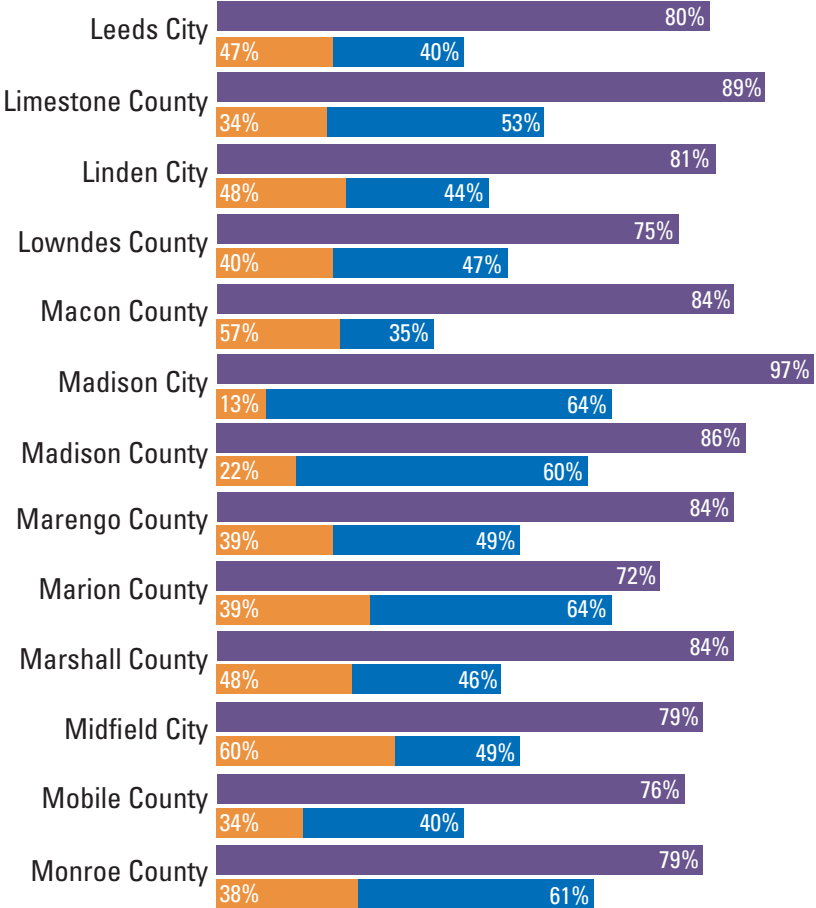
Source: ALSDE, ACHE

System Graduation Rates, College Attendance and Remediation Rates



Continued

Graduation Rate
 College Attendance
 Remediation Rates



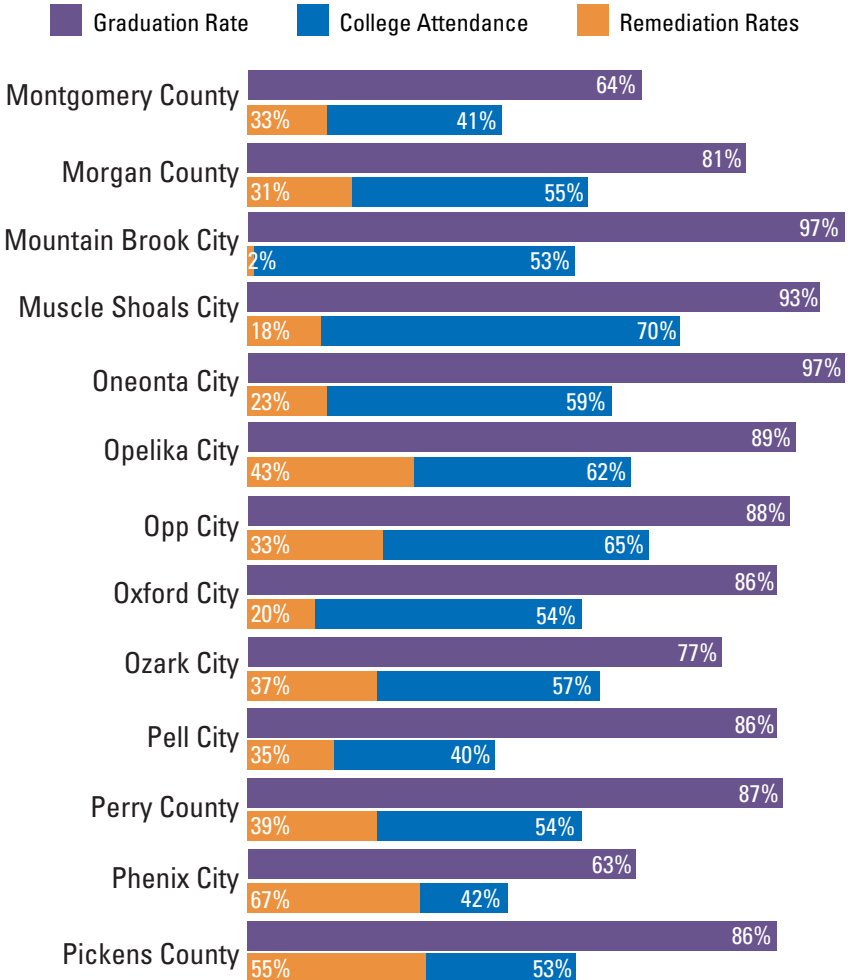
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System Graduation Rates, College Attendance and Remediation Rates



Continued



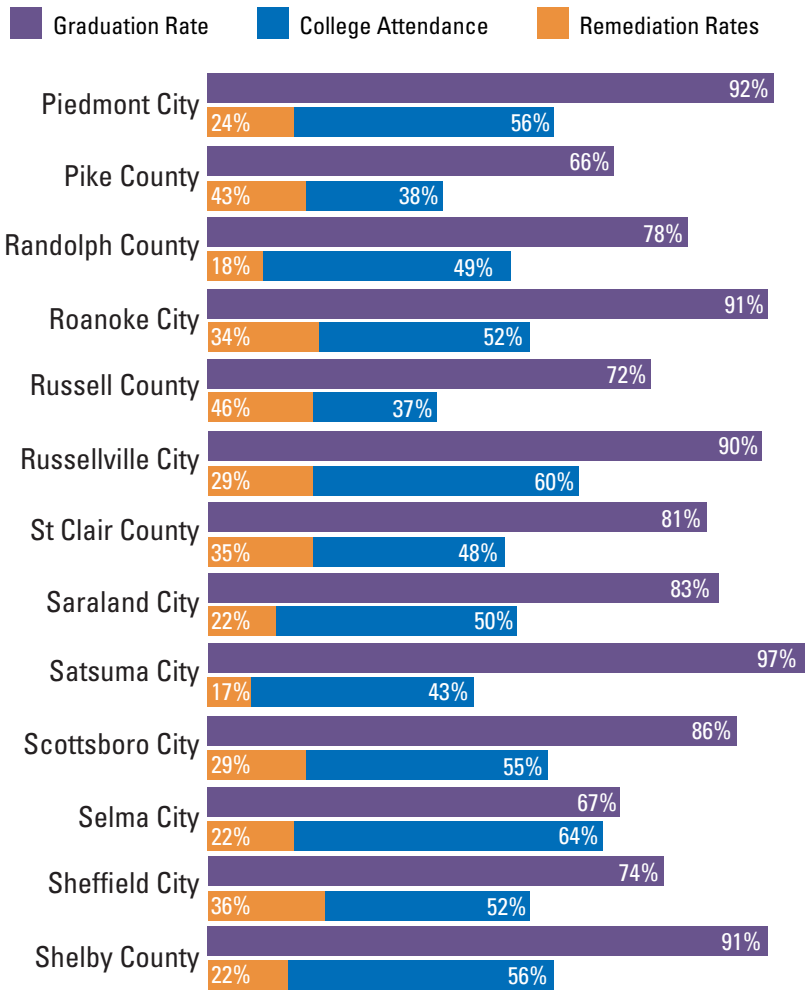
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System Graduation Rates, College Attendance and Remediation Rates



Continued



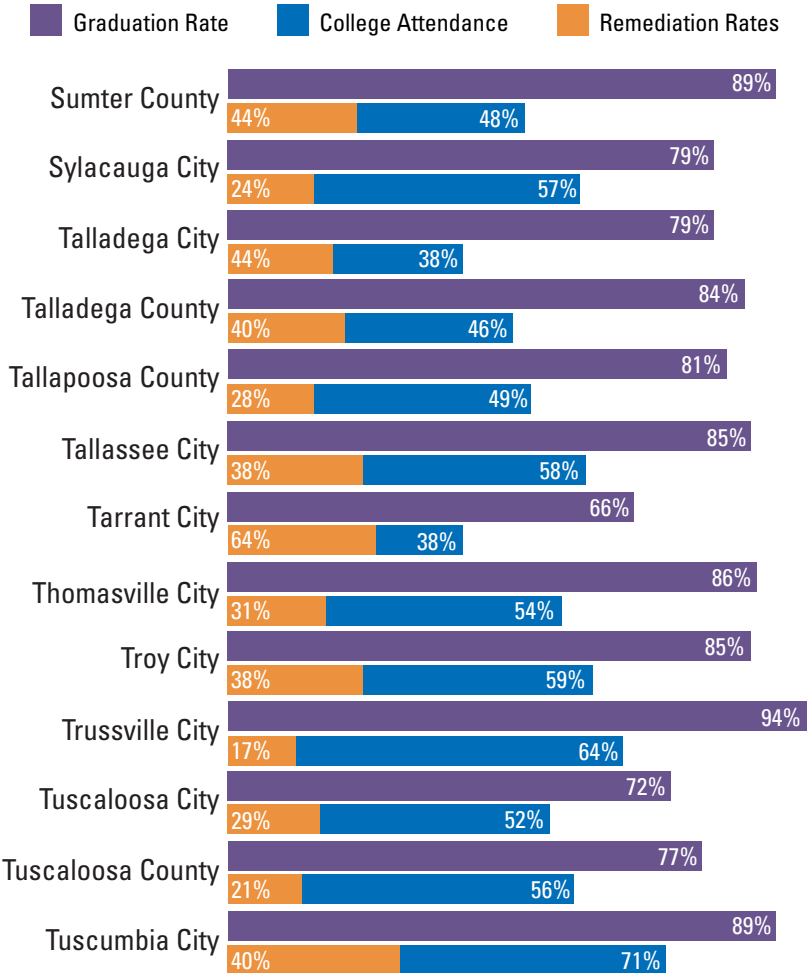
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System Graduation Rates, College Attendance and Remediation Rates



Continued



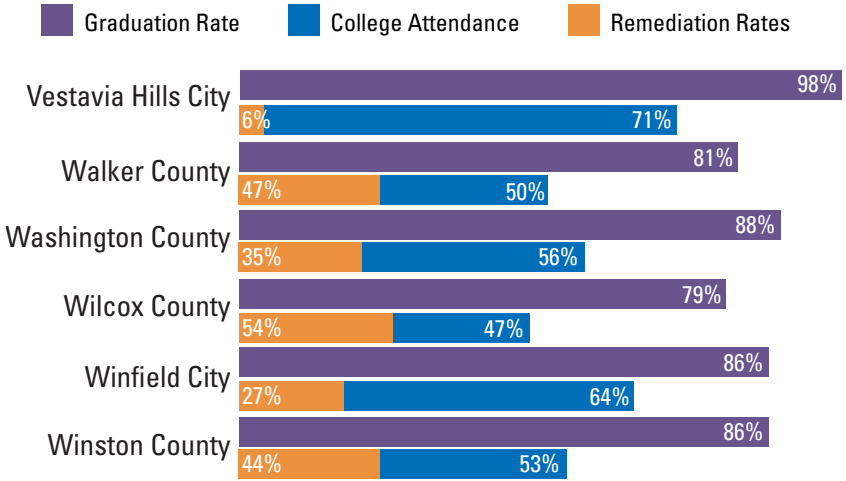
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Source: ALSDE, ACHE

System Graduation Rates, College Attendance and Remediation Rates



Continued



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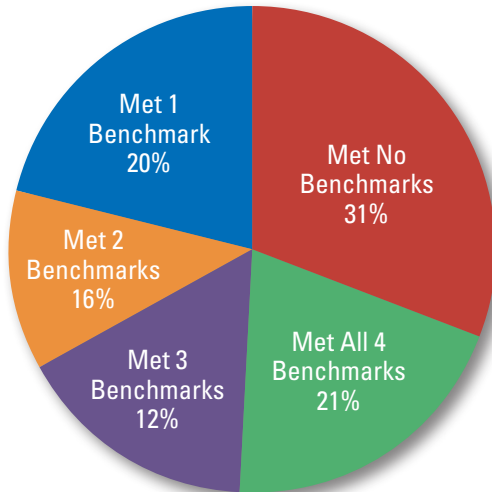
Source: ALSDE, ACHE

ACT College Readiness Benchmarks



Percentage of 2013 Alabama high school graduates who met ACT's College Readiness Benchmarks.

- In 2013 only 20% of Alabama high school graduates who took the ACT demonstrated they were prepared for college.



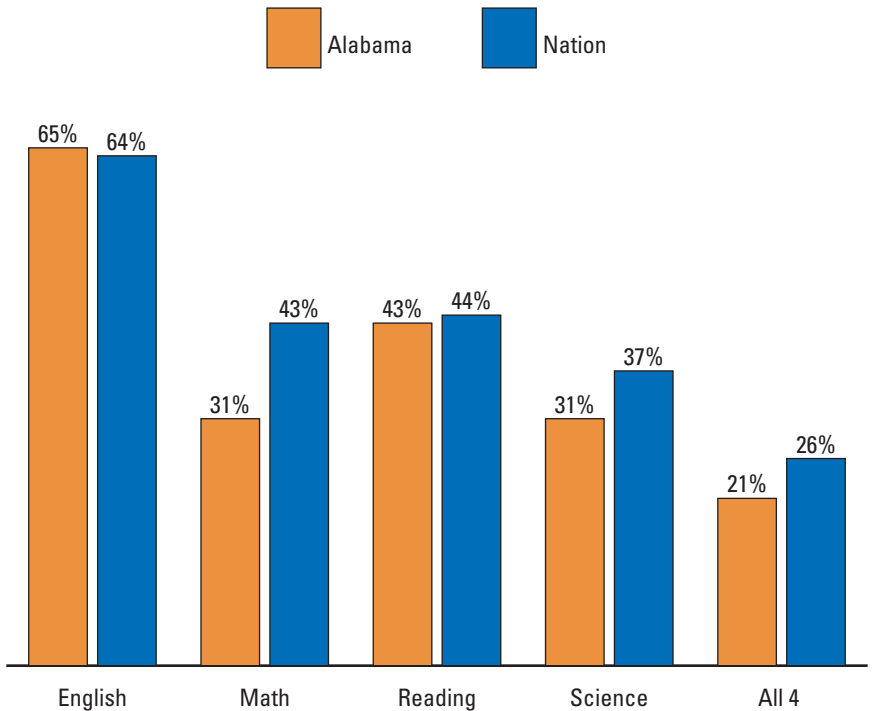
ACT College Readiness Benchmark Scores

ACT Test Subject	Benchmark Score
English	18
Math	22
Reading	22
Science	23

ACT Achievement Gaps: Alabama and Nation



Percentages of 2013 tested high school graduates in Alabama meeting the ACT College Readiness benchmarks compared to the U.S. average.



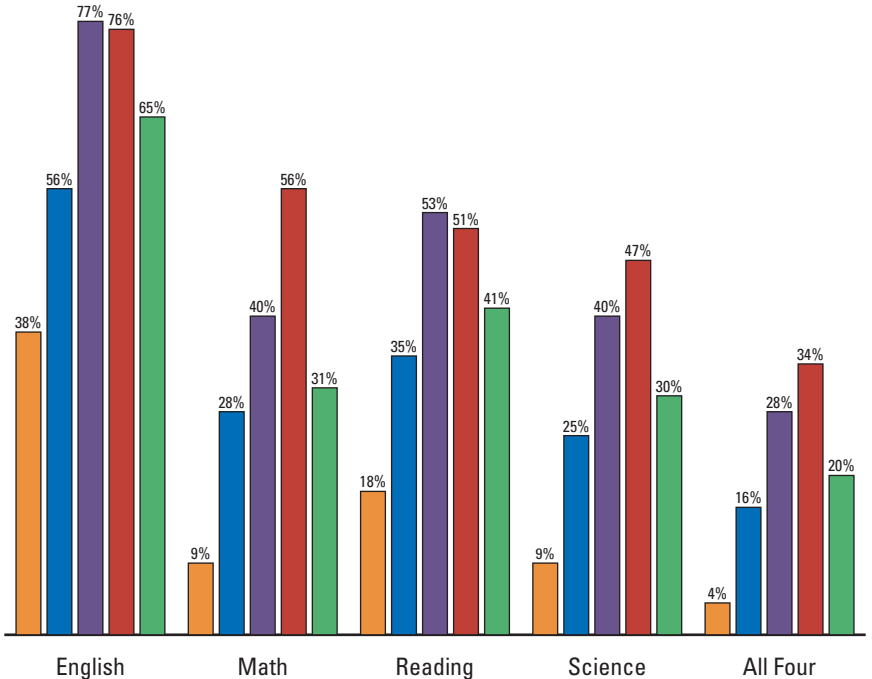
ACT Achievement Gaps: Black and Hispanic



Percentages of 2013 tested high school graduates in Alabama meeting the ACT College Readiness benchmarks.

Average Composite Score

Black – 17.4 Hispanic – 19.7 White – 21.8 Other – 22 All Students – 20.6



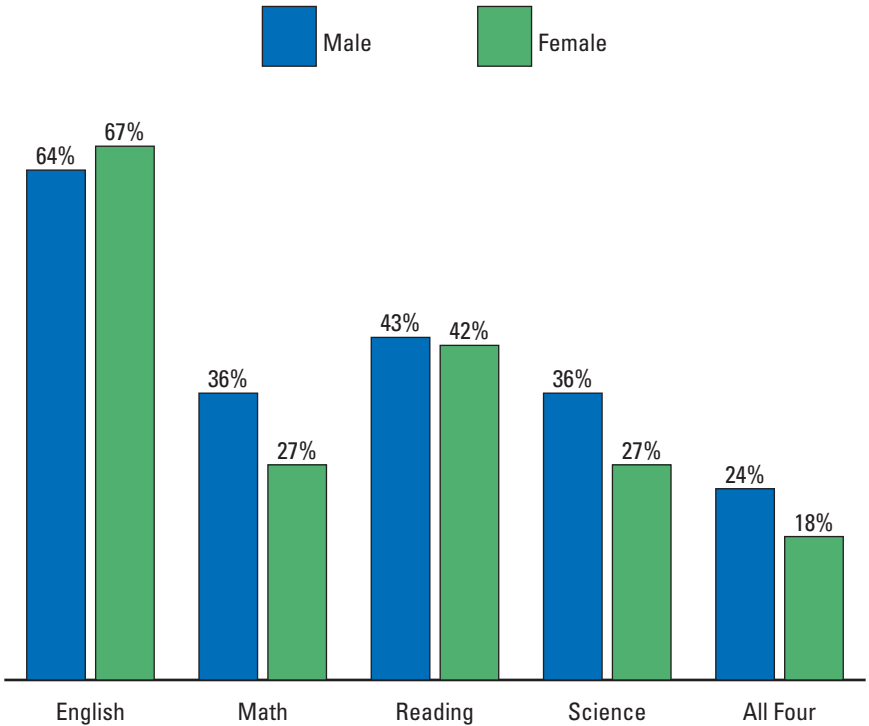
ACT Achievement Gaps: Male and Female



Percentages of 2013 tested high school graduates in Alabama meeting the ACT College Readiness benchmarks.

Average Composite Score

Male – 20.6 Female – 20.3

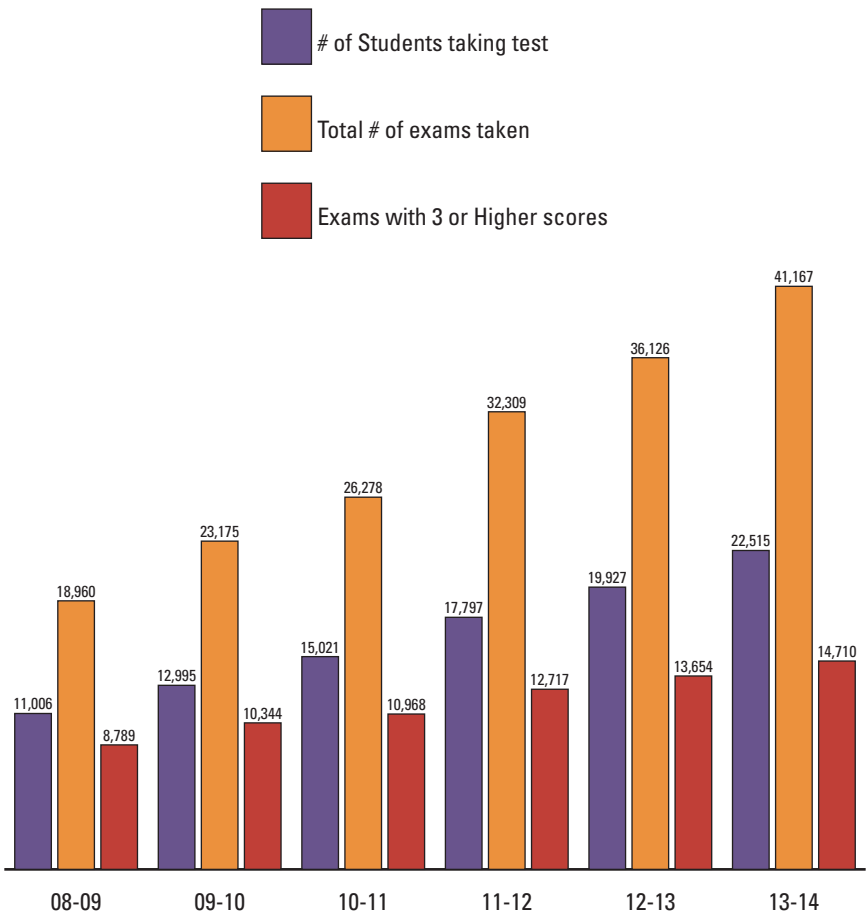


AP Participation and Success



Number of Alabama public high school students taking AP exams, total exams taken, and the number of exams with a qualifying score (3+)

- AP participation has risen dramatically in Alabama over the past decade. As shown below, more qualifying scores were earned on exams in 2014 than there were students taking AP classes in 2008.



This data is for all students in all AP courses in all schools. The Alabama State Department of Education works with A+ College Ready to increase enrollment in math, science and English courses, but those data are not broken out here.

Source: College Board

AP College Readiness



Percentage of the class of 2013 in each state scoring a 3 or higher on an AP exam during high school.

- Alabama leads the nation in gains in the number of students receiving passing AP test scores in math, science, and English courses, but the state still lags behind the national average for total percentage of students receiving passing scores.

How Alabama Compares

% 2013 Graduating Class that scored a 3+ on any AP Exam

Maryland	29.6%	Indiana	16.2%
Connecticut	28.8%	Arkansas	16.0%
Virginia	28.3%	Pennsylvania	15.9%
Massachusetts	27.9%	Oregon	15.2%
Florida	27.3%	Ohio	14.8%
California	26.9%	Alaska	14.6%
New York	25.4%	Rhode Island	14.6%
Utah	25.4%	Arizona	14.4%
Colorado	24.4%	District of Columbia	14.0%
New Jersey	23.6%	Idaho	13.3%
Maine	22.3%	Montana	13.1%
Wisconsin	22.2%	South Dakota	12.4%
Illinois	21.5%	New Mexico	12.0%
Vermont	21.4%	Hawaii	11.9%
Georgia	21.3%	Iowa	11.1%
Washington	20.9%	Oklahoma	11.0%
Minnesota	20.3%	Alabama	10.8%
United States	20.1%	Kansas	10.5%
North Carolina	19.3%	Tennessee	10.1%
Texas	18.5%	Wyoming	10.0%
New Hampshire	18.2%	Nebraska	9.9%
South Carolina	17.7%	Missouri	9.5%
Michigan	17.2%	West Virginia	9.4%
Delaware	17.0%	North Dakota	9.1%
Nevada	16.9%	Louisiana	5.3%
Kentucky	16.3%	Mississippi	4.4%

This data is for all students in all AP courses in all schools. The Alabama State Department of Education works with A+ College Ready to increase enrollment in math, science and English courses, but those data are not broken out here.

Career Readiness



Career and Technical Education enrollment in Alabama in 2012-13

- These are the numbers of students enrolled in each of the 16 industry clusters included in Career Technical Education in Alabama.

CLUSTER	ENROLLMENT
Agriculture, Food & Natural Resources	44,302
Architecture & Construction	20,967
Arts, A/V Technology & Communications	3,291
Business, Management & Communications	76,809
Education & Training	2,372
Finance	64,503
Government & Public Administration	17,016
Health Science	19,604
Hospitality & Tourism	4,279
Human Services	60,846
Information Technology	4,422
Law, Public Safety, Corrections & Security	3,944
Manufacturing	4,067
Marketing, Sales & Services	62,514
Science, Technology, Engineering & Math	14,507
Transportation, Distribution & Logistics	10,167

The Benefit of a Degree



If Alabama increased its overall graduation rate to 90%, the “effect would be similar to landing an industrial mega-project every year.”

A **90%** high school graduation rate in Alabama would generate:



\$68 million in additional net earnings annually for Alabama citizens from **1,167** new Alabama jobs annually.



High school graduates on average earn **38%** more than those without a high school diploma.



Associate’s degree holders on average earn **65%** more than those without a high school diploma.

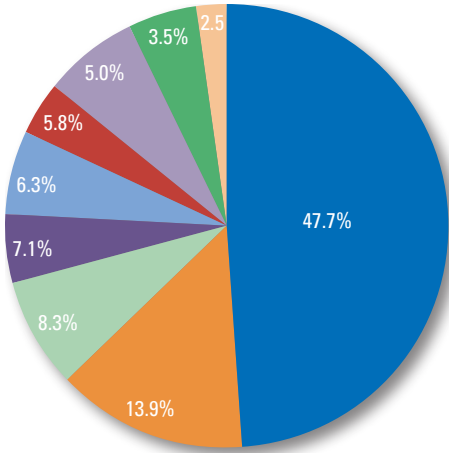


Bachelor’s degree holders on average earn **230%** more than those without a high school diploma.



SCHOOL FINANCE

Average Spending, per Student in Alabama



- Instructional Services
- Instructional Support
- Operations and Maintenance
- Transportation Services
- Food Services
- Administrative Services
- Capital Outlay
- Debt Service
- Other Expenditures

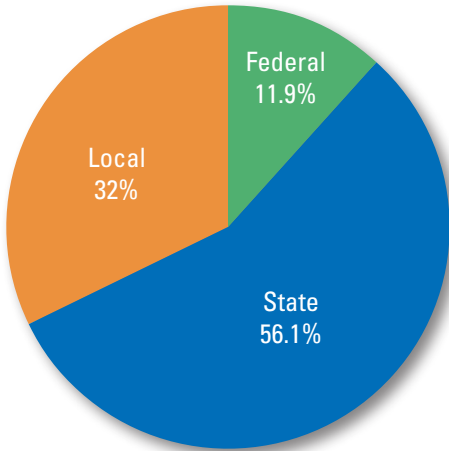
Average Spending, per Student	Number	Percentage
Instructional Services	\$ 5,016	47.7%
Instructional Support	\$ 1,461	13.9%
Operations and Maintenance	\$ 875	8.3%
Capital Outlay	\$ 748	7.1%
Food Services	\$ 661	6.3%
Debt Service	\$ 611	5.8%
Transportation Services	\$ 521	5.0%
Administrative services	\$ 371	3.5%
Other Expenditures	\$ 261	2.5%
TOTAL	\$10,525	100%

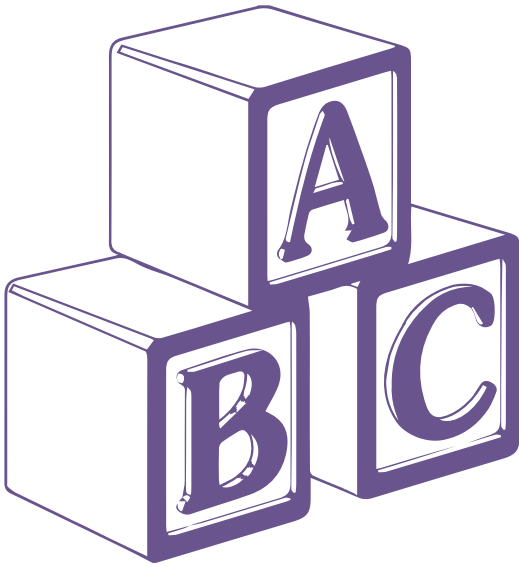
Alabama Education Revenue, Fiscal Year 2013



Sources of Education Trust Fund FY 2013 Receipts		
Income Tax	60.75%	\$3,452,400,569
Sales Tax	27.16%	\$1,543,676,299
Utility Tax	6.78%	\$ 385,243,380
Use Tax	3.88%	\$ 220,368,565
Other	1.43%	\$ 181,143,776

State Average Percentage of Revenue for Public Schools





EARLY LEARNING



Early Learning: How Alabama Compares

- Alabama is only 1 of 5 State Pre-K programs to meet all 10 NIEER quality standards

NIEER Quality Standards	
1	Comprehensive early learning standards are in place
2	Teacher has a bachelor's degree
3	Teacher has specialized training in pre-k
4	Assistant teacher has Child Development Associate certification or the equivalent
5	Teacher completes at least 15 hours per year of in-service training
6	Class size is 20 or fewer
7	The staff-child ratio is 1:10 or better
8	Vision, hearing, health, and at least 1 other support service
9	Provide at least 1 meal a day
10	There are site visits to monitor quality at least every 5 years

Early Learning: 4-year-old Enrollment in Pre-K

Percent breakdown for 4 year olds	
4 yr olds	
Enrolled in Head Start	15%
Enrolled in special education (est.)	2%
Enrolled in state-funded Pre-K	6%
Enrolled in other programs or not enrolled	77%

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