



Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

Executive Summary¹

Georgia's Race to the Top (RT3) application charges the Governor's Office of Student Achievement (GOSA) with the task of evaluating the fidelity of implementation and the effectiveness of turnaround efforts in Georgia's lowest achieving schools. In fall 2010, the Georgia Department of Education (GaDOE) identified 40 schools as "persistently lowest-achieving" within RT3 districts. Each school adopted a reform model and aggressive reform plans that would lead to dramatic improvement in three years. Georgia's RT3 statewide evaluation focuses on three goals: how well RT3 projects prepared students for college and career success, how well the lowest achieving schools were "turned around" and how well RT3 projects created great teachers and leaders. This report is the second GOSA report to address the lowest achieving schools reform area. In 2012, GOSA published its first report in the reform area: *A Qualitative Report on Early Stage Implementation in Georgia*.

The goal of this report is to provide the GaDOE, the Governor's Office, educators, parents and other stakeholders an evaluation of the progress occurring in Georgia's LAS through a quantitative analysis of longitudinal school data. It serves as a dashboard for leading and lagging indicators of turnaround efforts. GOSA seeks to identify whether schools made changes in leading indicators at the start of implementation and whether changes in lagging indicators of student achievement were seen as their grant work comes to an end.

Since this report only includes descriptive statistics, the outcomes presented should not be interpreted as causal results of interventions. GOSA's quasi-experimental study of ten lowest-achieving middle schools, scheduled to be published in spring 2015, will provide more causal evidence of impact.

In summary, while some schools have made strides to improve student achievement, most schools have fallen short of the grant's expectations for dramatic increases. The majority of schools had either a small change or no statistically significant change in chronic absenteeism, out-of-school suspension rates, and dropout rates. Although many schools had statistically significant increases in standardized test scores, the gains largely mirrored gains in the state averages. In addition, graduation rates have remained relatively unchanged in most schools.

¹ The contents of this report were developed under a grant from the U.S. Department of Education. However, those contents do not necessarily represent the policy of the U.S. Department of Education, and you should not assume endorsement by the Federal Government.



Dashboard Preliminary Results 2010 - 2013

About the Author

Katherine Manthey served as an intern at the Governor's Office of Student Achievement in 2014. She holds a Bachelor's Degree in Journalism from the University of Georgia and is scheduled to finish her Master of Public Policy from Georgia State University in December 2014.



Dashboard Preliminary Results 2010 - 2013

Table of Contents

| Exe | cut | tive Summary | i |
|-------|----------|---|----|
| Abo | ut | the Author | ii |
| I. | Ir | ntroduction and Background | 1 |
| II. | N | 1ethodology and Data | 4 |
| III. | | Leading Indicators | 6 |
| Α | ١. | Staff Retention | 6 |
| В | . | Average Years of Experience | 13 |
| C | · . | Student Attendance | 17 |
| D |). | Student Suspension Rate | 21 |
| Ε | • | Student In-Grade Retention | 25 |
| F | | Student Dropout Rate | 29 |
| IV. | | Lagging Indicators | 33 |
| Α | ١. | Standardized Test Scores | 33 |
| i. | | End of Course Tests (EOCT) | 33 |
| ii | | Criterion-Referenced Competency Tests (CRCT) | 38 |
| В | . | Graduation Rate | 42 |
| D |). | College Enrollment | 47 |
| VI. | | Conclusion | 51 |
| VII. | | Appendix A. School Improvement Grant Eligibility Criteria | 52 |
| VIII. | • | Appendix B. Lowest-Achieving School Non-negotiable List | 53 |
| IX | | Annendix B. Confidence Interval for Proportions Formula | 54 |

Table of Abbreviations

| ARRA | American Recovery and Reinvestment Act | GaDOE | Georgia Department of Education |
|------|--|-------|---------------------------------|
| GOSA | Governor's Office of Student Achievement | LAS | Lowest Achieving Schools |
| NI-5 | Needs Improvement-5 | US ED | U.S. Department of Education |
| RT3 | Race to the Top | SIG | School Improvement Grant |

THE GOVERNOR'S OFFICE

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

I. Introduction and Background

As part of the American Recovery and Reinvestment Act (ARRA) of 2009, the US ED allocated over \$3 billion to school reform through Title I School Improvement Grants (SIG) to states to focus on turning around the lowest 5% of their schools.² Georgia received more than \$122 million in ARRA funds to support this work.³

As a complement to the SIG, Georgia's 2010 RT3 application identified 40 "persistently lowest-achieving" schools located within the 26 RT3 partner districts. Twenty-six of these schools, referred to in this report as LAS, were designated as "persistently lowest-achieving" because they were already receiving a SIG grant. The remaining 14 schools were identified by the GaDOE as any middle school or high school designated as NI-5 or higher in 2010 under the state's former accountability system of Adequate Yearly Progress (AYP). A school was designated as NI-5 or higher if it had missed AYP for five or more years without making AYP for two consecutive years. Twenty of the 26 SIG schools made up the SIG Cohort 1 and began implementing the three-year grant during the 2010-11 school year. For the purposes of this report these schools are grouped together as 2010-11 LAS. One school closed prior to implementation (Avondale High School), and the remaining 19 schools began implementation during the 2011-12 school year. For the purposes of this report these schools are grouped together as 2011-12 LAS.

Selection Criteria for Lowest-Achieving Schools

1, 2010, p. 38.

School must be located in a Race to the Top partner district and meet one of the following criteria.

Any school receiving a federal school improvement grant (SIG). OR

Any middle or high school designated as NI-5 or higher. In the schools (4 high and 10 middle schools)

14 schools (4 high and 10 middle schools)

Appendix A includes the criteria for how schools become eligible to receive SIG grants.

In the school must be located in a Race to the Top partner district and meet one of the following criteria.

Adapted from: Georgia Department of Education, Georgia's Race to the Top Application, June

² "Georgia's Race to the Top (RT3) Plan." *Georgia's Race to the Top (RT3) Plan*. Georgia Department of Education, n.d. Web. 07 Oct. 2014. http://www.gadoe.org/race-to-the-top/Pages/default.aspx.

³ Abrevaya, Sandra. "Georgia to Receive More Than \$122 Million to Turn Around Its Persistently Lowest Achieving Schools." *U.S. Department of Education*. U.S. Department of Education, 06 Apr. 2010. Web. 21 Sep. 2014. http://www.ed.gov/news/press-releases/georgia-receive-more-122-million-turn-around-its-persistently-lowest-achieving-s.

⁴ Georgia Department of Education. Georgia's Race to the Top Application, Sep. 21, 2010, p.38.

⁵ Shearer, Niah, and Sam Rauschenberg. *Turning Around Lowest-Achieving Schools: A Qualitative Report on the Early Stage Implementation in Georgia*. Rep. Atlanta: Governor's Office of Student Achievement, 2012.

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

As a whole, Georgia's RT3 districts' statements of work and SIG applications identified increasing student achievement through higher graduation rates and test scores as main goals for the grants. To address these challenges, US ED and GaDOE provided a list of non-negotiable requirements and recommendations to help guide schools in their work.⁶ In addition, schools selected reform models. RT3/SIG required schools to select one of the four models⁷:

- **Transformation.** This model requires the district to replace the principal, implement a rigorous staff evaluation and development system, institute a comprehensive instructional reform, increase learning time and apply community-oriented school strategies, and provide greater operational flexibility and support for the school.
- **Turnaround**. This model requires the district to replace the principal and rehire no more that 50% of the staff, give greater principal autonomy and, implement other prescribed and recommended strategies.
- **Restart.** This model requires the district to convert or close and reopen a school under a charter school operator, charter management organization or education management organization.
- **School closure.** This model requires the district to close the school and enroll the students in other schools in the district that are higher achieving.

All but four schools selected the Transformation model. Beach High School, Groves High School and Laney High School selected to implement the Turnaround model, and Avondale High School closed. Table 1 lists Georgia's LAS, their districts, the funding category, and implementation group.

⁶ See appendix A for non-negotiable list.

⁷ "The Purpose of the School Improvement Grants." Handbook on effective implementation of school improvement grants. Ed. Perlman, Carole L., and Sam Redding. Lincoln: Center on Innovation & Improvement (2011). Page 3.



Dashboard Preliminary Results 2010 - 2013

Table 1: List of 40 Race to the Top Lowest-Achieving Schools

| School | District | Category | Group |
|--|------------------------|---------------|-------------|
| Crim High School | Atlanta Public Schools | SIG Cohort I | 2010-11 LAS |
| Douglass High School | Atlanta Public Schools | SIG Cohort I | 2010-11 LAS |
| Therrell School of Health and Science | Atlanta Public Schools | RT3 | 2011-12 LAS |
| Harper-Archer Middle School | Atlanta Public Schools | RT3 | 2011-12 LAS |
| Therrell School of Law, Government and Public Policy | Atlanta Public Schools | SIG Cohort II | 2011-12 LAS |
| Fitzgerald High School | Ben Hill County | RT3 | 2011-12 LAS |
| Rutland High School | Bibb County | SIG Cohort I | 2010-11 LAS |
| Northeast High School | Bibb County | SIG Cohort I | 2010-11 LAS |
| Southwest High School | Bibb County | SIG Cohort I | 2010-11 LAS |
| Central High School | Bibb County | SIG Cohort II | 2011-12 LAS |
| William S. Hutchings Career Center | Bibb County | SIG Cohort I | 2010-11 LAS |
| Burke County High School | Burke County | SIG Cohort I | 2010-11 LAS |
| Beach High School | Chatham County | SIG Cohort I | 2010-11 LAS |
| Groves High School | Chatham County | SIG Cohort II | 2011-12 LAS |
| Lovejoy Middle School | Clayton County | RT3 | 2011-12 LAS |
| Dade County High School | Dade County | SIG Cohort I | 2010-11 LAS |
| Freedom Middle School | DeKalb County | RT3 | 2011-12 LAS |
| McNair High School | DeKalb County | SIG Cohort I | 2010-11 LAS |
| Avondale High School | DeKalb County | RT3 | Closed |
| Towers High School | DeKalb County | SIG Cohort II | 2011-12 LAS |
| McNair Middle School | DeKalb County | RT3 | 2011-12 LAS |
| Clarkston High School | DeKalb County | SIG Cohort I | 2010-11 LAS |
| Albany High School | Dougherty County | SIG Cohort II | 2011-12 LAS |
| Henry County High School | Henry County | SIG Cohort I | 2010-11 LAS |
| Greenville High School | Meriwether County | SIG Cohort II | 2011-12 LAS |
| Greenville Middle School | Meriwether County | RT3 | 2011-12 LAS |
| Baker Middle School | Muscogee County | RT3 | 2011-12 LAS |
| Spencer High School | Muscogee County | SIG Cohort I | 2010-11 LAS |
| Eddy Middle School | Muscogee County | RT3 | 2011-12 LAS |
| Jordan Vocational High School | Muscogee County | SIG Cohort I | 2010-11 LAS |
| Peach County High School | Peach County | SIG Cohort I | 2010-11 LAS |
| Hawkinsville High School | Pulaski County | SIG Cohort I | 2010-11 LAS |
| Butler High School | Richmond County | RT3 | 2011-12 LAS |
| Josey High School | Richmond County | SIG Cohort I | 2010-11 LAS |
| Laney High School | Richmond County | SIG Cohort I | 2010-11 LAS |
| Glenn Hills High School | Richmond County | SIG Cohort I | 2010-11 LAS |
| Murphey Middle Charter School | Richmond County | RT3 | 2011-12 LAS |
| Griffin High School | Spalding County | SIG Cohort I | 2010-11 LAS |
| Cowan Road Middle School | Spalding County | RT3 | 2011-12 LAS |
| Newbern Middle School | Valdosta City | RT3 | 2011-12 LAS |

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

II. Methodology and Data

This report is a longitudinal, quantitative analysis of school-level data trends. The Governor's Office of Student Achievement collected and analyzed data on the 39 schools identified as "persistently lowest achieving" through RT3.⁸ Data spanned from 2009-10 school year through 2012-13 school year. The analysis provides descriptive statistics that examine changes in data from year to year and measures the statistical significance of those changes.⁹

To evaluate the progress of LAS, the report considers two types of data: "leading" and "lagging" indicators. Leading indicators are metrics that help gauge whether a school is on track midstream, allowing for adjustments to be made. ¹⁰ Examples of leading indicators include student attendance and student discipline rates. These metrics help determine the atmosphere for learning in the school. Changes in these kinds of metrics should be noticeable in the first year of reform efforts. Lagging indicators are student achievement metrics that often take two or more years before measureable growth occurs. Examples of lagging indicators include standardized test scores and graduation rate.

The theory of change for school turnarounds is that if a school improves its leading indicators in the first two years of grant work, then it will see improvements in lagging indicators by the third year. Based upon research on school turnaround indicators, GOSA selected nine indicators to evaluate in this report, six leading and three lagging. Where possible, data from publicly available sources, such as GOSA's Report Card, were used. In some cases, GOSA used aggregated Georgia Department of Education data available through the GAAWARDS longitudinal data system.

Leading Indicators

- A. **Staff (teacher and administration) retention.** The percentage of teachers/administrators who were employed by the school in year one, two and three of implementation who were also employed by the school the year before implementation (Source: GAAWARDS).
- B. **Teacher experience**. The average years of experience for teachers in each school. The data are aggregated to the school level. Individual teacher data are not used (Source: GOSA Report Card).

Kowal, Julie, and Joe Ableidinger. "How to Know when Dramatic Change Is on Track: Leading Indicators of School Turnarounds." *Public Impact*, (2011). Page 1-20.

Center on Innovation & Improvement, Mid-Atlantic Comprehensive Center, and Appalachia Regional Comprehensive Center. *School Improvement Grants Online Tool: Monitoring and Evaluating Transformations by FEDERAL REQUIREMENTS*. Lincoln, Illinois: Academic Development Institute, 2011. PDF. Page 1-7.

⁸ Since Avondale High School was closed, it was not included in the analysis.

⁹ Formula can be found in Appendix B

¹⁰ Pallin, Emily. "Evaluating School Turnaround: Establishing benchmarks and metrics to assess school turnaround. School Turnaround." *Mass Insight Education*. Rep. Boston: Mass Insight Education, (2010): Page 7.

¹¹ Pallin, Evaluating School Turnaround, (2010). Page 11-15.

¹² Pallin, Evaluating School Turnaround, (2010). Page 1-35.

THE GOVERNOR'S OFFICE

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

- C. **Student attendance.** The percentage of students who missed fewer than six days of school (Source: GOSA Report Card).
- D. **Student discipline.** The number of students receiving out-of-school suspension divided by the total number of students (Source: GAAWARDS).
- E. **Student retention.** The total number of students retained in-grade divided by the total number of students enrolled. The state average is calculated as the total number of students retained divided by the by-grade sum of fall enrollment for a given year (Source: GOSA Report Card).
- F. **Dropout rate.** The percentage of students who dropped out of school for grades 9-12, which includes all high schools in this report (Source: GOSA Report Card).

Lagging Indicators

- A. **Standardized test scores.** The percentage of students who met or exceeded state standards for both the End of Course Test (EOCT) and the Criterion Referenced Competency Test (CRCT). EOCTs were administered to high school students, and CRCTs were administered to students in grades 3 through 8. GOSA calculated the state average for CRCT scores to include only grades 6 through 8 because no LAS served students under grade 6 (Source: GOSA Report Card).
- B. **Graduation rate.** The four-year cohort graduate rate. This indicator is only available for 2011 forward because the state's graduation rate calculation method changed in 2011. The four-year high school graduation rate defines the cohort when the student first becomes a freshman, and the rate is calculated using the number of students who graduate within four years¹³ (Source: GOSA Report Card, as calculated by the Georgia Department of Education).
- C. **College enrollment.** The number of students who enrolled in a college within 16 months of graduating from high school divided by the total number of high school graduates for the given year (Source: GOSA Report Card, c(11) Report).

Data are presented throughout the report in charts and tables. For ease of discussion, the percentages throughout the report are rounded to the nearest tenth. The report is organized to take the reader through the expectations of each indicator and then the actual data trends. The next section presents the results and findings for the leading indicator

¹³ "Indicators." *The Governor's Office of Student Achievement*. The Governor's Office of Student Achievement, n.d. Web. 07 Oct. 2014. https://gosa.georgia.gov/indicators.

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

III. Leading Indicators

A. Staff Retention

Research suggests that chronically failing schools often continue down the same path because correct leadership is not in place. Competencies of successful turnaround school leaders differ from those of other school leaders. ¹⁴ Therefore, schools undergoing turnaround reform should replace the current principal with a leader who possesses turnaround leadership skills.

Having effective teachers in place is also essential for continuing reform efforts. Research from Public Impact shows that successful turnaround leaders typically do not replace all or even most of teachers at the start of implementation, but they do replace key leaders who help drive change. ¹⁵ Remaining teachers either support the changes or leave on their own.

As explained in the introduction, each school undergoing turnaround selected a reform model. Thirty-six of Georgia's LAS chose the Transformation model, and three schools, Beach High School, Groves High School and Laney High School, chose the Turnaround model. The Transformation model requires that the principal be replaced and that staff undergo rigorous evaluations. The Turnaround model requires the principal be replaced and that no more than 50% of staff is rehired.¹⁶

Therefore, Transformation model schools should retain less than 100% of administrators and likely less than 100% of teachers in year one. Turnaround model schools should retain less than 100% of administrators and 50% or less of teachers in year one. Staff retention in years two and three will vary by school.

In general, Georgia lowest achieving schools have adequately retained staff to the levels required by the reform model.

- On average, 63% of administrators in 2010-11 LAS and 72% of administrators in 2011-12 LAS
 were retained in the first year of implementation. This percentage decreased each year of
 implementation to around 28% and 36% respectively in 2012-13 school year.
- On average, around 73% of teachers in Georgia's LAS were retained in the first year of implementation. This percentage decreased each year of implementation to around 49% in 2012-13 school year for 2010-11 LAS and 56% for 2011-12 LAS.

¹⁴ Kowal, Julie, and Joe Ableidinger. "How to Know when Dramatic Change Is on Track: Leading Indicators of School Turnarounds." *Public Impact* (2011). Page 9.

¹⁵ Ibid.

¹⁶ The Georgia Department of Education's Office of School Turnaround (now Office of School Improvement) received a waiver from the U.S. Department of Education that allowed districts to retain the school leader is he/she was hired within the previous two years to implement improvement initiatives.

Dashboard Preliminary Results 2010 - 2013



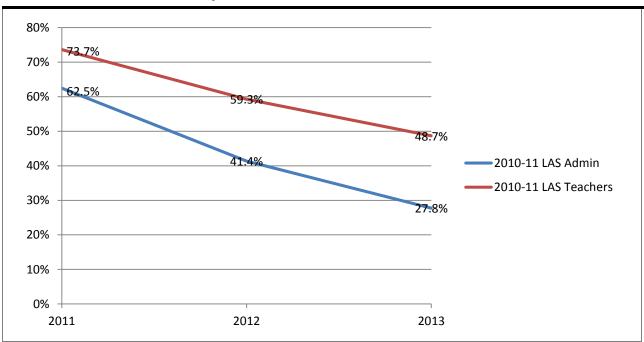
- Ten schools did not replace an administrator in year one of implementation. The remaining 29 schools either replaced at least one administrator or reduced the number of administrators.
- All 36 Transformation model schools had less than 100% teacher retention in year one.
- For the Turnaround schools, both Beach and Laney retained less than 50% of teachers in year one. However, Groves High School retained 52.9% of teachers in year one.

Figure 1 shows 2010-11 LAS averages for administrators and teachers across all three years of implementation. Figure 2 shows 2011-12 averages for administrators and teachers across two years.

Table 2 lists the number of administrators employed in 2010 for each 2010-11 LAS and then the percentage of those who were retained each following year. Table 3 lists the number of administrators employed in 2011 for each 2011-12 LAS and then the percent of those who were retained each year that follows.

Table 4 lists the number of teachers employed in 2010 for each 2010-11 LAS and then the percent of those who were retained each year that follows. Table 5 lists the number of teachers employed in 2011 for 2011-12 LAS and then the percent of those who were retained each following year.

Figure 1: 2010-11 LAS Percent (%) of Staff Retained Who Were Employed by the School the Year Before Implementation

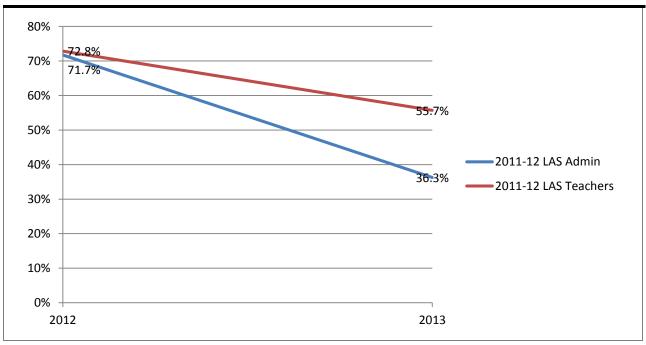


2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS



Dashboard Preliminary Results 2010 - 2013

Figure 2: 2011-12 LAS Percent (%) of Staff Retained Who Were Employed by the School the Year Before Implementation



2011-12 LAS: Harper-Archer MS, Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Lovejoy MS, Freedom MS, McNair MS, Towers HS, Albany HS, Greenville HS, Greenville MS, Baker MS, Eddy MS, Butler HS, Murphey MS, Cowan Rd MS, Newbern MS



Table 2: 2010-11 LAS Percent of Administrators Retained Who Were Employed by the School the Year Before Implementation

| District | School | # Admin 2010 | 2011 (Yr 1) | 2012 (Yr 2) | 2013 (Yr 3) | Trend |
|------------------------|------------------------------------|--------------------|----------------|----------------|----------------|-------|
| Atlanta Public Schools | Crim High School | 5 | 40.0% | 0.0% | 0.0% | I |
| Atlanta Public Schools | Douglass High School | 6 | 50.0% | 33.3% | 33.3% | 1 |
| Bibb County | Rutland High School | 6 | 33.3% | 33.3% | 16.7% | 11. |
| Bibb County | Northeast High School | 5 | 20.0% | 0.0% | 0.0% | 1 |
| Bibb County | William S. Hutchings Career Center | 3 | 66.7% | 33.3% | 33.3% | 1 |
| Bibb County | Southwest High School | 7 | 28.6% | 28.6% | 28.6% | - |
| Burke County | Burke County High School | 4 | 75.0% | 50.0% | 50.0% | lu |
| Chatham County | Beach High School | 3 | 0.0% | 0.0% | 0.0% | - |
| Dade County | Dade County High School | 2 | 50.0% | 50.0% | 0.0% | II. |
| DeKalb County | McNair High School | 7 | 85.7% | 57.1% | 28.6% | lı. |
| DeKalb County | Clarkston High School | 5 | 80.0% | 80.0% | 60.0% | Ш |
| Henry County | Henry County High School | 5 | 60.0% | 20.0% | 20.0% | 1 |
| Muscogee County | Spencer High School | 5 | 100.0% | 60.0% | 60.0% | l |
| Muscogee County | Jordan Vocational High School | 5 | 100.0% | 60.0% | 40.0% | l |
| Peach County | Peach County High School | 7 | 71.4% | 57.1% | 14.3% | lı. |
| Pulaski County | Hawkinsville High School | 3 | 66.7% | 66.7% | 66.7% | Ш |
| Richmond County | Glenn Hills High School | 4 | 75.0% | 50.0% | 0.0% | lı. |
| Richmond County | Josey High School | 4 | 100.0% | 75.0% | 50.0% | lı. |
| Richmond County | Laney High School | 3 | 66.7% | 33.3% | 33.3% | 1 |
| Spalding County | Griffin High School | 5 | 80.0% | 40.0% | 20.0% | lı. |

The year before implementation for 2010-11 LAS was 2010.



Dashboard Preliminary Results 2010 - 2013

Table 3: 2011-12 LAS Percent of Administrators Retained Who Were Employed by the School the Year Before Implementation

| District | Cabaal | # Admin | 2012 | 2013 | T |
|------------------------|---|---------|--------|--------|----------|
| District | School | 2011 | (Yr 1) | (Yr 2) | Trend |
| Atlanta Public Schools | Harper-Archer Middle School | 4 | 75.0% | 25.0% | ı. |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 2 | 100.0% | 0.0% | I. |
| Atlanta Public Schools | Therrell School of Health and Science | 1 | 100.0% | 0.0% | I. |
| Ben Hill County | Fitzgerald High School | 4 | 100.0% | 75.0% | - |
| Bibb County | Central High School | 5 | 80.0% | 0.0% | I. |
| Chatham County | Groves High School | 6 | 66.7% | 33.3% | 1. |
| Clayton County | Lovejoy Middle School | 3 | 0.0% | 0.0% | - |
| DeKalb County | Freedom Middle School | 4 | 75.0% | 50.0% | lı. |
| DeKalb County | McNair Middle School | 4 | 100.0% | 25.0% | ı. |
| DeKalb County | Towers High School | 5 | 60.0% | 0.0% | I. |
| Dougherty County | Albany High School | 3 | 66.7% | 66.7% | ш |
| Meriwether County | Greenville High School | 3 | 100.0% | 100.0% | Ш |
| Meriwether County | Greenville Middle School | 2 | 50.0% | 50.0% | Ш |
| Muscogee County | Baker Middle School | 4 | 25.0% | 25.0% | ш |
| Muscogee County | Eddy Middle School | 3 | 33.3% | 33.3% | Ш |
| Richmond County | Butler High School | 5 | 60.0% | 60.0% | ш |
| Richmond County | Murphey Middle Charter School | 3 | 100.0% | 66.7% | l. |
| Spalding County | Cowan Road Middle School | 4 | 100.0% | 50.0% | l. |
| Valdosta City | Newbern Middle School | 7 | 71.4% | 28.6% | ı. |

The year before implementation for 2011-12 LAS was 2011.



Dashboard Preliminary Results 2010 - 2013

Table 4: 2010-11 LAS Percent of Teachers Retained Who Were Employed by the School the Year Before Implementation

| District | Cab a al | # Teachers | 2011 | 2012 | 2013 | T |
|------------------------|------------------------------------|------------|--------|--------|--------|----------|
| District | School | 2010 | (Yr 1) | (Yr 2) | (Yr 3) | Trend |
| Atlanta Public Schools | Crim High School | 48 | 85.4% | 66.7% | 58.3% | III |
| Atlanta Public Schools | Douglass High School | 113 | 64.6% | 49.6% | 39.8% | lu |
| Bibb County | Rutland High School | 72 | 77.8% | 65.3% | 51.4% | III |
| Bibb County | Northeast High School | 57 | 59.6% | 40.4% | 31.6% | lı. |
| Bibb County | William S. Hutchings Career Center | 29 | 82.8% | 62.1% | 44.8% | li. |
| Bibb County | Southwest High School | 60 | 80.0% | 48.3% | 38.3% | l |
| Burke County | Burke County High School | 90 | 86.7% | 68.9% | 62.2% | lu |
| Chatham County | Beach High School | 76 | 31.6% | 30.3% | 25.0% | Ш |
| Dade County | Dade County High School | 51 | 70.6% | 64.7% | 52.9% | III |
| DeKalb County | McNair High School | 72 | 70.8% | 52.8% | 37.5% | lı. |
| DeKalb County | Clarkston High School | 70 | 80.0% | 75.7% | 65.7% | Ш |
| Henry County | Henry County High School | 75 | 80.0% | 57.3% | 48.0% | lı. |
| Muscogee County | Spencer High School | 70 | 81.4% | 72.9% | 68.6% | III |
| Muscogee County | Jordan Vocational High School | 71 | 87.3% | 67.6% | 60.6% | lu |
| Peach County | Peach County High School | 83 | 73.5% | 60.2% | 43.4% | li. |
| Pulaski County | Hawkinsville High School | 31 | 77.4% | 67.7% | 61.3% | Ш |
| Richmond County | Glenn Hills High School | 70 | 82.9% | 71.4% | 52.9% | III |
| Richmond County | Josey High School | 68 | 66.2% | 63.2% | 51.5% | Ш |
| Richmond County | Laney High School | 60 | 48.3% | 38.3% | 26.7% | li. |
| Spalding County | Griffin High School | 95 | 86.3% | 63.2% | 51.6% | lı. |

The year before implementation for 2010-11 LAS was 2010.



Dashboard Preliminary Results 2010 - 2013

Table 5: 2011-12 LAS Percent of Teachers Retained Who Were Employed by the School the Year Before Implementation

| Atlanta Public Schools Harper-Archer Middle School 55 76.4% 65.59 Atlanta Public Schools Therrell School of Law, Government and Public Schools Therrell School of Health and Science 30 70.0% 43.39 Ben Hill County Fitzgerald High School 62 83.9% 62.99 Bibb County Central High School 84 78.6% 61.99 Chatham County Groves High School 102 52.9% 43.19 Clayton County Lovejoy Middle School 45 84.4% 71.19 DeKalb County McNair Middle School 61 68.9% 41.09 DeKalb County Towers High School 68 69.1% 51.59 Dougherty County Albany High School 56 69.6% 58.99 Meriwether County Greenville High School 29 65.5% 55.29 | Trend ii |
|--|-------------------------------------|
| Atlanta Public Schools Therrell School of Law, Government and Public Policy Atlanta Public Schools Therrell School of Health and Science 30 70.0% 43.39 Ben Hill County Fitzgerald High School 62 83.9% 62.99 Bibb County Central High School 84 78.6% 61.99 Chatham County Groves High School 102 52.9% 43.19 Clayton County Lovejoy Middle School 45 84.4% 71.19 DeKalb County Freedom Middle School 66 83.3% 66.79 DeKalb County McNair Middle School 61 68.9% 41.09 DeKalb County Towers High School 68 69.1% 51.59 Dougherty County Albany High School 56 69.6% 58.99 | lı lı lı |
| Atlanta Public Schools Public Policy Atlanta Public Schools Therrell School of Health and Science Therrell School of School of Science Therrell School of School of School of Sc | 1: 1: |
| Ben Hill CountyFitzgerald High School6283.9%62.99Bibb CountyCentral High School8478.6%61.99Chatham CountyGroves High School10252.9%43.19Clayton CountyLovejoy Middle School4584.4%71.19DeKalb CountyFreedom Middle School6683.3%66.79DeKalb CountyMcNair Middle School6168.9%41.09DeKalb CountyTowers High School6869.1%51.59Dougherty CountyAlbany High School5669.6%58.99 | lı lı |
| Bibb County Central High School 84 78.6% 61.99 Chatham County Groves High School 102 52.9% 43.19 Clayton County Lovejoy Middle School 45 84.4% 71.19 DeKalb County Freedom Middle School 66 83.3% 66.79 DeKalb County McNair Middle School 61 68.9% 41.09 DeKalb County Towers High School 68 69.1% 51.59 Dougherty County Albany High School 56 69.6% 58.99 | lı |
| Chatham County Groves High School 102 52.9% 43.19 Clayton County Lovejoy Middle School 45 84.4% 71.19 DeKalb County Freedom Middle School 66 83.3% 66.79 DeKalb County McNair Middle School 61 68.9% 41.09 DeKalb County Towers High School 68 69.1% 51.59 Dougherty County Albany High School 56 69.6% 58.99 | |
| Clayton County Lovejoy Middle School 45 84.4% 71.19 DeKalb County Freedom Middle School 66 83.3% 66.79 DeKalb County McNair Middle School 61 68.9% 41.09 DeKalb County Towers High School 68 69.1% 51.59 Dougherty County Albany High School 56 69.6% 58.99 | lı |
| DeKalb CountyFreedom Middle School6683.3%66.79DeKalb CountyMcNair Middle School6168.9%41.09DeKalb CountyTowers High School6869.1%51.59Dougherty CountyAlbany High School5669.6%58.99 | |
| DeKalb County McNair Middle School 61 68.9% 41.09 DeKalb County Towers High School 68 69.1% 51.59 Dougherty County Albany High School 56 69.6% 58.99 | II |
| DeKalb County Towers High School 68 69.1% 51.59 Dougherty County Albany High School 56 69.6% 58.99 | lı. |
| Dougherty County Albany High School 56 69.6% 58.9% | 1. |
| | lı. |
| Meriwether County Greenville High School 29 65.5% 55.29 | II |
| Members County Creentine High School 25 05.570 55.27 | li . |
| Meriwether County Greenville Middle School 28 85.7% 53.69 | l. |
| Muscogee County Baker Middle School 30 80.0% 60.09 | lı |
| Muscogee County Eddy Middle School 37 73.0% 51.49 | l. |
| Richmond County Butler High School 69 79.7% 72.59 | II |
| Richmond County Murphey Middle Charter School 42 57.1% 50.09 | II |
| Spalding County Cowan Road Middle School 38 65.8% 50.09 | l. |
| Valdosta City Newbern Middle School 62 77.4% 59.79 | 11 |

The year before implementation for 2011-12 LAS was 2011.

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

B. Average Years of Experience

The average years of experience indicator is intended to show any significant changes in the makeup of teachers in a school. Changes in years of experience are not indicators of changes in teacher effectiveness. On average, teachers with some experience tend to be more effective than new or inexperienced teachers.¹⁷ However, teachers gradually reach a plateau after three to five years of teaching.¹⁸ One study found that on average, teachers with 20 years of experience are not much more effective than those with 5 years.¹⁹ In fact, some studies find that teacher effectiveness actually declines towards the end of their career.²⁰

All of Georgia's LAS have teachers an average years of experience between five and twenty years.

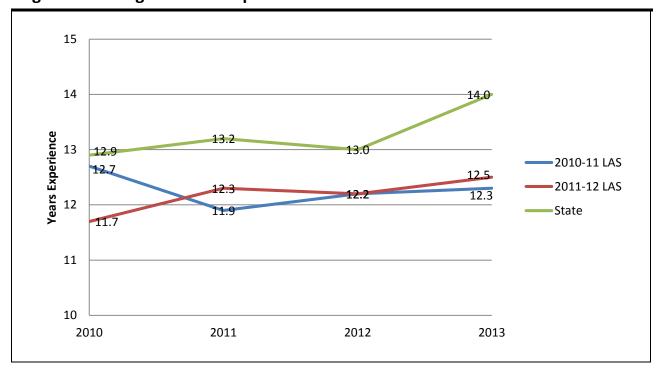
- On average, teachers in Georgia's lowest achieving schools have about 12 years of experience. This is just one year less than the state average.
- Beach High School had the lowest average years of experience in all years of implementation at about 7.5 years.
- Therrell School of Law, Government, and Public Policy had the highest average years of experience all years of implementation, 15.5 years in 2011-12 and 17.4 in 2012-13.
- All schools saw limited change in teachers' average years of experience from before
 implementation to the school year 2012-13. No school's average increased or decreased by
 more than five years.

Figure 3 compares 2010-11 LAS and 2011-12 LAS with the state average across all four years. Table 6 lists the average years of experience and statistical significance for each 2010-11 LAS. Table 7 lists the average years of experience and statistical significant for each 2011-12 LAS.

Kane, Thomas J., Jonah E. Rockoff, and Douglas O. Staiger. "What does certification tell us about teacher effectiveness? Evidence from New York City. "Economics of Education Review 27.6 (2008). Page 615-631.
 Clotfelter, Charles T., Helen F. Ladd, and Jacob L. Vigdor. "Teacher credentials and student achievement: Longitudinal analysis with student fixed effects." Economics of Education Review 26.6 (2007). Page 673-682.
 Ladd, Helen F. "Value-added modeling of teacher credentials: Policy implications." second annual CALDER research conference, "The Ins and Outs of Value-Added Measures in Education: What Research Says," Washington, DC, November. Vol. 21. 2008.
 Ibid.



Figure 3: Average Years of Experience for Teachers



2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS: Harper-Archer MS, Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Lovejoy MS, Freedom MS, McNair MS, Towers HS, Albany HS, Greenville HS, Greenville MS, Baker MS, Eddy MS, Butler HS, Murphey MS, Cowan Rd MS, Newbern MS



Dashboard Preliminary Results 2010 - 2013

Table 6: 2010-11 LAS' Teachers Average Years of Experience

| District | School | 2010 | 2011 | 2012 | 2013 | Trend | Change |
|------------------------|------------------------------------|--------|--------|--------|--------|-------|---------|
| District | School | (Yr 0) | (Yr 1) | (Yr 2) | (Yr 3) | rrena | Yr0-Yr3 |
| Atlanta Public Schools | Crim High School | 13.1 | 13.3 | 14.7 | 17.0 | ııII | 3.9 |
| Atlanta Public Schools | Douglass High School | 14.9 | 13.3 | 14.8 | 13.6 | 1111 | -1.3 |
| Bibb County | Northeast High School | 10.2 | 9.7 | 9.7 | 8.8 | IIII | -1.4 |
| Bibb County | Rutland High School | 12.7 | 11.8 | 11.6 | 12.4 | 1111 | -0.3 |
| Bibb County | Southwest High School | 12.6 | 12.3 | 11.1 | 10.8 | 1111 | -1.8 |
| Bibb County | William S. Hutchings Career Center | 13.1 | 11.9 | 10.3 | 10.5 | 1111 | -2.6 |
| Burke County | Burke County High School | 11.9 | 11.6 | 12.1 | 12.6 | 1111 | 0.7 |
| Chatham County | Beach High School | 10.8 | 7.2 | 7.7 | 7.7 | l | -3.1 |
| Dade County | Dade County High School | 14.6 | 13.3 | 13.9 | 12.8 | 1111 | -1.9 |
| DeKalb County | Clarkston High School | 11.1 | 10.8 | 9.8 | 10.8 | | -0.3 |
| DeKalb County | McNair High School | 10.6 | 11.8 | 10.6 | 11.6 | 1111 | 1 |
| Henry County | Henry County High School | 14.8 | 14.5 | 13.9 | 13.6 | 1111 | -1.2 |
| Muscogee County | Jordan Vocational High School | 15.2 | 14.2 | 14.9 | 14.4 | 1111 | -0.8 |
| Muscogee County | Spencer High School | 11.0 | 12.2 | 13 | 12.8 | ***** | 1.8 |
| Peach County | Peach County High School | 11.0 | 11.2 | 10.7 | 11.1 | | 0.1 |
| Pulaski County | Hawkinsville High School | 12.8 | 12.3 | 15.0 | 15.3 | 1111 | 2.5 |
| Richmond County | Glenn Hills High School | 13.5 | 14.0 | 13.8 | 13.3 | Ш | -0.2 |
| Richmond County | Josey High School | 13.8 | 13.8 | 14.0 | 15.0 | Ш | 1.2 |
| Richmond County | Laney High School | 12.5 | 9.7 | 11.2 | 11.2 | liii | -1.3 |
| Spalding County | Griffin High School | 11.7 | 11.2 | 11.6 | 11.3 | Ш | -0.4 |

Yellow cells indicate rates that equal or are above the state average: 12.9 in 2010, 13.2 in 2011, 13.0 in 2012, and 14.0 in 2013.

Green numbers indicate the increase in teachers' average years of experience from 2010 to 2013.

Red numbers indicate the decrease in teachers' average years of experience from 2010 to 2013.



Dashboard Preliminary Results 2010 - 2013

Table 7: 2011-12 LAS' Teacher Average Years of Experience

| District | School | 2010 (Yr -1) | 2011 (Yr 0) | 2012 (Yr 1) | 2013 (Yr 2) | Trend | Change |
|------------------------|--|-----------------|----------------|----------------|----------------|-------|---------|
| Atlanta Dublic Cobools | Harner Archer Middle Cebe of | | . , | | | | Yr0-Yr2 |
| Atlanta Public Schools | Harper-Archer Middle School | 9.8 | 12.3 | 14.3 | 14.4 | | 2.1 |
| Atlanta Public Schools | Therrell School of Health and Science | 11.5 | 12.0 | 12.6 | 13.5 | | 1.5 |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 13.5 | 12.5 | 15.5 | 17.4 | 1111 | 4.9 |
| Ben Hill County | Fitzgerald High School | 13.9 | 15.0 | 15.9 | 14.9 | IIII | -0.1 |
| Bibb County | Central High School | 13.5 | 14.5 | 13.4 | 12.7 | IIII | -1.8 |
| Chatham County | Groves High School | 12.5 | 11.8 | 10.1 | 12.9 | IIII | 1.1 |
| Clayton County | Lovejoy Middle School | 10.2 | 11.8 | 11.1 | 10.6 | IIII | -1.2 |
| DeKalb County | Freedom Middle School | 12.4 | 12.8 | 11.8 | 12.9 | IIII | 0.1 |
| DeKalb County | McNair Middle School | 9.1 | 11.0 | 9.9 | 12.4 | 1111 | 1.4 |
| DeKalb County | Towers High School | 10.1 | 10.7 | 9.0 | 9.6 | IIII | -1.0 |
| Dougherty County | Albany High School | 13.2 | 13.1 | 14.8 | 14.7 | IIII | 1.6 |
| Meriwether County | Greenville High School | 11.1 | 10.1 | 9.5 | 13.8 | IIII | 3.7 |
| Meriwether County | Greenville Middle School | 14.8 | 13.6 | 14.9 | 10.8 | IIII | -2.7 |
| Muscogee County | Baker Middle School | 8.2 | 11.5 | 12.0 | 11.2 | ıIII | -0.3 |
| Muscogee County | Eddy Middle School | 15.4 | 16.6 | 14.9 | 11.8 | 1111 | -4.7 |
| Richmond County | Butler High School | 12.2 | 11.8 | 11.9 | 13.5 | 1111 | 1.7 |
| Richmond County | Murphey Middle Charter School | 10.3 | 11.7 | 8.7 | 9.3 | IIII | -2.4 |
| Spalding County | Cowan Road Middle School | 9.9 | 10.2 | 9.8 | 8.8 | IIII | -1.4 |
| Valdosta City | Newbern Middle School | 9.6 | 10.9 | 12.4 | 11.3 | 1111 | 0.5 |

Yellow cells indicate rates that equal or are above the state average: 12.9 in 2010, 13.2 in 2011, 13.0 in 2012, and 14.0 in 2013.

Green numbers indicate the increase in student attendance rates from 2011 to 2013.

Red numbers indicate the decrease in student attendance rates from 2011 to 2013.

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

C. Student Attendance

Student attendance is also a leading indicator of school turnaround efforts because increasing the number of days a student is in school is a precondition of increasing student outcomes. Student attendance rates are positively and significantly related to standardized test performance and serve as a predictor of school dropout rates.²¹ Therefore, schools undergoing effective turnaround reform should increase student attendance each year during implementation. To gauge progress on this measure, GOSA tracks the percentage of students missing fewer than six days of school to provide an indicator of chronic absenteeism rather than simply evaluating average school attendance.

In general, Georgia's lowest achieving schools have a smaller percentage of students missing fewer than six days compared to the state average, and this gap has narrowed for 2010-11 LAS since the beginning of the grant period, and widened for 2011-12 LAS.

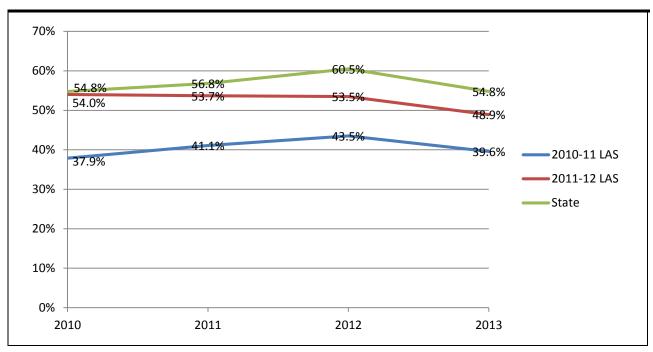
- Ten schools had a statistically significant increase in the percent of students missing fewer than six days of school from the year prior to implementation to 2012-13. Nineteen schools had statistically significant decreases. The remaining schools had no statistically significant change.
- Only one school, Albany High School, saw an increase in the percentage of students missing fewer than six days of school each year of implementation and had an overall statistically significant increase from the year prior to implementation to 2012-13.

Figure 4 shows the 2010-11 LAS and 2011-12 LAS and state averages across all four years. Table 8 lists the attendance rates and statistical significance for each 2010-11 LAS. Table 9 lists the student attendance rates and statistical significance for each 2011-12 LAS.

²¹ Lamdin, Douglas J. "Evidence of student attendance as an independent variable in education production functions." *The Journal of Educational Research* 89.3 (1996). Page 155-162.

Dashboard Preliminary Results 2010 - 2013

Figure 4: Percent (%) of Students Who Missed Fewer than Six Days of School



2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS: Harper-Archer MS, Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Lovejoy MS, Freedom MS, McNair MS, Towers HS, Albany HS, Greenville HS, Greenville MS, Baker MS, Eddy MS, Butler HS, Murphey MS, Cowan Rd MS, Newbern MS



Dashboard Preliminary Results 2010 - 2013

Table 8: 2010-11 LAS' Percent of Students Who Missed Fewer Than Six Days of School

| District | Cabaal | 2010 | 2011 | 2012 | 2013 | Tuend | Change |
|------------------------|------------------------------------|--------|--------|--------|--------|-------|----------|
| District | School | (Yr 0) | (Yr 1) | (Yr 2) | (Yr 3) | Trend | Yr0- Yr3 |
| Atlanta Public Schools | Crim High School | 26.0% | 10.6% | 12.1% | 11.8% | | Decrease |
| Atlanta Public Schools | Douglass High School | 27.8% | 33.5% | 26.1% | 25.7% | ш | Not Sig. |
| Bibb County | Northeast High School | 33.8% | 42.7% | 41.1% | 42.3% | - | Increase |
| Bibb County | Rutland High School | 37.6% | 36.3% | 41.0% | 43.1% | | Increase |
| Bibb County | Southwest High School | 28.3% | 24.0% | 38.4% | 28.0% | 1111 | Not Sig. |
| Bibb County | William S. Hutchings Career Center | 41.8% | 41.5% | 44.7% | 39.7% | 1111 | Not Sig. |
| Burke County | Burke County High School | 42.1% | 52.5% | 63.2% | 45.6% | 1111 | Increase |
| Chatham County | Beach High School | 29.8% | 27.0% | 82.8% | 61.5% | | Increase |
| Dade County | Dade County High School | 36.7% | 62.0% | 42.0% | 38.2% | | Not Sig. |
| DeKalb County | Clarkston High School | 53.5% | 46.4% | 45.6% | 45.7% | | Decrease |
| DeKalb County | McNair High School | 35.8% | 37.6% | 42.8% | 41.7% | | Increase |
| Henry County | Henry County High School | 45.9% | 44.7% | 47.0% | 46.0% | | Not Sig. |
| Muscogee County | Jordan Vocational High School | 37.0% | 31.3% | 26.8% | 30.3% | Ш | Decrease |
| Muscogee County | Spencer High School | 37.5% | 36.7% | 24.8% | 26.4% | | Decrease |
| Peach County | Peach County High School | 66.7% | 62.5% | 60.7% | 44.6% | ш | Decrease |
| Pulaski County | Hawkinsville High School | 48.1% | 41.9% | 40.2% | 43.0% | IIII | Decrease |
| Richmond County | Glenn Hills High School | 41.9% | 59.7% | 55.6% | 32.0% | ıllı | Decrease |
| Richmond County | Josey High School | 33.5% | 44.3% | 45.6% | 40.7% | ıIII | Increase |
| Richmond County | Laney High School | 30.8% | 56.7% | 51.0% | 64.2% | .111 | Increase |
| Spalding County | Griffin High School | 30.6% | 36.6% | 46.3% | 45.0% | | Increase |

Confidence interval for proportions--change in percent of students who missed fewer than six days of school from 2010 to 2013: p<.05

Yellow cells indicate rates that equal or are below the state average: 54.8 in 2010, 56.8 in 2011, 60.5 in 2012, and 54.8 in 2013.

Green text indicates a statistically significant increase in percent of students who missed fewer than six days of school from 2010 to

Red text indicates a statistically significant decrease in percent of students who missed fewer than six days of school from 2010 to

Not Sig. indicates no statistically significant change in percent of students who missed fewer than six days of school.



Dashboard Preliminary Results 2010 - 2013

Table 9: 2011-12 LAS' Percent of Students Who Missed Fewer Than Six Days of School

| 5 | | 2010 | 2011 | 2012 | 2013 | | Change |
|------------------------|--|---------|-----------|--------|--------|-------|----------|
| District | School | (Yr -1) | 1) (Yr 0) | (Yr 1) | (Yr 2) | Trend | Yr0- Yr2 |
| Atlanta Public Schools | Harper-Archer Middle School | 74.0% | 59.5% | 46.5% | 53.1% | lin | Decrease |
| Atlanta Public Schools | Therrell School of Health and Science | 38.7% | 33.7% | 42.2% | 32.3% | III | Not Sig. |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 46.1% | 38.9% | 36.9% | 28.5% | III | Decrease |
| Ben Hill County | Fitzgerald High School | 36.3% | 49.3% | 56.1% | 49.6% | ::::: | Not Sig. |
| Bibb County | Central High School | 48.4% | 52.6% | 51.6% | 43.1% | Ш | Decrease |
| Chatham County | Groves High School | 45.5% | 31.8% | 79.2% | 63.1% | uli | Increase |
| Clayton County | Lovejoy Middle School | 47.8% | 63.9% | 62.7% | 57.3% | 1111 | Decrease |
| DeKalb County | Freedom Middle School | 55.7% | 57.4% | 59.2% | 55.9% | Ш | Not Sig. |
| DeKalb County | McNair Middle School | 62.6% | 55.9% | 55.7% | 45.6% | IIII | Decrease |
| DeKalb County | Towers High School | 49.4% | 45.7% | 35.2% | 38.9% | Ш | Decrease |
| Dougherty County | Albany High School | 49.0% | 42.3% | 45.1% | 46.6% | 1111 | Increase |
| Meriwether County | Greenville High School | 48.2% | 61.9% | 58.0% | 51.2% | ıllı | Decrease |
| Meriwether County | Greenville Middle School | 82.4% | 71.6% | 54.1% | 41.5% | III | Decrease |
| Muscogee County | Baker Middle School | 66.6% | 71.3% | 70.5% | 69.0% | Ш | Not Sig. |
| Muscogee County | Eddy Middle School | 62.4% | 54.1% | 46.0% | 67.7% | IIII | Not Sig. |
| Richmond County | Butler High School | 35.1% | 40.7% | 37.2% | 36.4% | Ш | Decrease |
| Richmond County | Murphey Middle Charter School | 67.2% | 74.3% | 70.8% | 56.6% | Ш | Decrease |
| Spalding County | Cowan Road Middle School | 46.6% | 49.0% | 45.4% | 45.0% | IIII | Decrease |
| Valdosta City | Newbern Middle School | 58.9% | 67.1% | 63.2% | 56.8% | Ш | Decrease |

Confidence interval for proportions-- change in percent of students who missed fewer than six days of school from 2011 to 2013: p<.05

Yellow cells indicate rates that equal or are below the state average: 54.8 in 2010, 56.8 in 2011, 60.5 in 2012, and 54.8 in 2013.

Green text indicates a statistically significant increase in percent of students who missed fewer than six days of school from 2011 to 2013.

Red text indicates a statistically significant decrease in percent of students who missed fewer than six days of school from 2011 to 2013.

Not Sig. indicates no statistically significant change in percent of students who missed fewer than six days of school.

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

D. Student Suspension Rate

Student suspension rates provide another leading indicator of school turnaround efforts. In general, schools with higher suspension rates have higher rates of student dropout and lower standardized test scores.²² However, Mass Insight's School Turnaround Group indicates that the trend in discipline incidents can be counterintuitive in schools undergoing turnaround intervention. Schools undergoing these reforms could see an increase in the number of suspensions in year one. This can be for many reasons, including students at first rebelling against increased rigor, changes in staff, and changes in how discipline is enforced.²³ Taking all of this into account, the expected suspension rate trend for schools undergoing reform is an increase in year one and then a decline in the years after.

In general, the majority of Georgia's lowest achieving schools have not followed the expected pattern of statistically significant increases in student suspensions in year one and then statistically significant reductions the following years.

- On average, almost one-fourth of students in Georgia's lowest achieving schools received outof-school suspensions every year. This is almost three times the state average each year.
- Only three schools, Beach High School, Groves High School and Towers High School, had statistically significant increases in suspension rates in year one and then statistically significant decreases the following years.
- Ten schools had a statistically significant reduction in out-of-school suspension rates in all years post implementation. Twelve schools had a statistically significant increase, and 12 had no statistically significant change.

Figure 5 compares the 2010-11 LAS and 2011-12 LAS) with the state average across all four years. Table 10 lists the suspension rates and statistical significance for each 2010-11 LAS. Table 11 lists the suspension rates and statistical significance for each 2011-12 LAS.

²² Losen, Daniel J., and Russell J. Skiba. "Suspended education: Urban middle schools in crisis." (2010). Lee, Talisha, et al. "High suspension schools and dropout rates for black and white students." *Education and Treatment of Children* 34.2 (2011). Page 167-192.

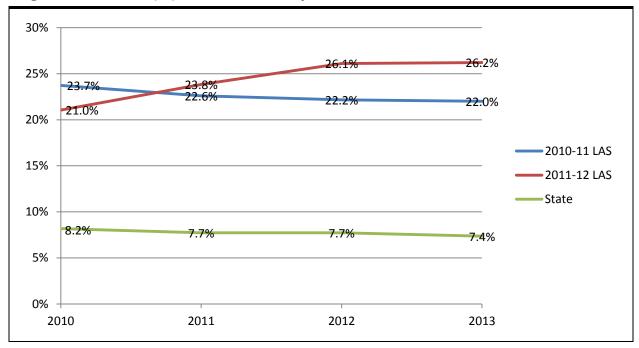
Gregory, Anne, Russell J. Skiba, and Pedro A. Noguera. "The Achievement Gap and the Discipline Gap Two Sides of the Same Coin?" Educational Researcher 39.1 (2010). Page 59-68.

²³ Pallin, Evaluating School Turnaround. (2010). Page 26.



Dashboard Preliminary Results 2010 - 2013

Figure 5: Percent (%) of Students Suspended Out-of-School



2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS: Harper-Archer MS, Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Lovejoy MS, Freedom MS, McNair MS, Towers HS, Albany HS, Greenville HS, Greenville MS, Baker MS, Eddy MS, Butler HS, Murphey MS, Cowan Rd MS, Newbern MS



Dashboard Preliminary Results 2010 - 2013

Table 10: 2010-11 LAS' Out-of-School Suspension Rate

| District | Calca al | 2010 | 2011 | 2012 | 2013 | T | Change | Change |
|------------------------|---------------------------------------|--------|--------|--------|--------|-------|----------|-----------|
| District | School | (Yr 0) | (Yr 1) | (Yr 2) | (Yr 3) | Trend | Yr0-Yr1 | Yr1-Yr3 |
| Atlanta Public Schools | Crim High School | N/A | 12.1% | 27.2% | 18.0% | .lı | N/A | Increase |
| Atlanta Public Schools | Douglass High School | 27.4% | 29.7% | 31.3% | 37.1% | 1111 | Increase | Increase |
| Bibb County | Northeast High School | 31.7% | 20.6% | 16.3% | 14.6% | lı | Decrease | Decrease |
| Bibb County | Rutland High School | 25.8% | 18.1% | 18.8% | 27.1% | lul | Decrease | Increase |
| Bibb County | Southwest High School | 50.8% | 26.9% | 34.4% | 35.7% | l | Decrease | Increase |
| Bibb County | William S. Hutchings Career Center | 14.7% | 16.8% | 18.9% | 14.6% | 1111 | Increase | Not Sig. |
| Burke County | Burke County High School | 23.1% | 18.9% | 15.2% | 24.1% | lul | Decrease | Increase |
| Chatham County | Beach High School | 34.9% | 39.9% | 36.9% | 34.7% | IIII | Increase | Decrease |
| Dade County | Dade County High School | 6.4% | 7.7% | 5.3% | 7.5% | ılıl | Increase | Not. Sig. |
| DeKalb County | Clarkston High School | 14.7% | 14.8% | 15.5% | 13.2% | IIII | Not Sig. | Decrease |
| DeKalb County | McNair High School | 11.9% | 25.8% | 26.6% | 35.0% | .111 | Increase | Increase |
| Henry County | Henry County High School | 17.8% | 15.3% | 15.2% | 12.8% | IIII | Decrease | Not Sig. |
| Muscogee County | Jordan Vocational High School | 25.3% | 32.3% | 24.0% | 26.1% | ılıı | Increase | Decrease |
| Muscogee County | Spencer High School | 30.1% | 25.6% | 21.9% | 13.7% | III. | Decrease | Decrease |
| Peach County | Peach County High School | 7.1% | 9.2% | 5.8% | 9.9% | ılıl | Increase | Not Sig. |
| Pulaski County | Hawkinsville High School | 27.8% | 15.7% | 15.3% | 16.8% | l | Decrease | Not Sig. |
| Richmond County | Glenn Hills High School | 11.5% | 20.7% | 16.4% | 19.2% | ılıı | Increase | Not Sig. |
| Richmond County | Josey High School | 47.1% | 42.2% | 48.5% | 35.6% | IIII | Not Sig. | Decrease |
| Richmond County | Laney High School | 36.3% | 33.1% | 28.8% | 21.3% | IIII | Not Sig. | Decrease |
| Spalding County | Griffin High School | 30.3% | 26.8% | 21.3% | 23.3% | IIII | Decrease | Decrease |

An increase in out-of-school suspensions in the first year, followed by decreases in the years following, is expected in turnaround schools.²⁴

Confidence interval for proportions--change in percent of out-of-school suspensions from 2010 to 2011 and change in the percent of out-to-school suspensions from 2011 to 2013: p<.05

Yellow cells indicate rates that are equal or below the state average for that year, 8.2 in 2010, 7.7 in 2011 and 2012, and 7.4 in 2013.

Red text indicates a statistically significant increase in out-of-school suspension rates from 2010 to 2011 or 2011 to 2013.

Green text indicates a statistically significant decrease in out-of-school suspension rates from 2010 to 2011 or 2011 to 2013.

Not Sig. indicates no statistically significant change in student out-of-school suspension rates.

²⁴ Pallin, Evaluating School Turnaround. (2010). Page 26.



Dashboard Preliminary Results 2010 - 2013

Table 11: 2011-12 LAS' Out-of-School Suspension Rate

| District | Cabaal | 2010 | 2011 | 2012 | 2013 | Trend | Change | Change |
|------------------------|---|---------|--------|--------|--------|-------|----------|----------|
| | School | (Yr -1) | (Yr 0) | (Yr 1) | (Yr 2) | | Yr0- Yr1 | Yr1- Yr2 |
| Atlanta Public Schools | Harper-Archer Middle School | 7.6% | 22.4% | 30.8% | 33.4% | .ill | Increase | Not Sig. |
| Atlanta Public Schools | Therrell School of Health and Science | 14.1% | 38.5% | 37.8% | 30.5% | .llı | Not Sig | Decrease |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 22.5% | 32.2% | 34.5% | 19.2% | ıı. | Not Sig | Decrease |
| Ben Hill County | Fitzgerald High School | 10.1% | 10.1% | 8.1% | 10.1% | IIII | Not Sig. | Increase |
| Bibb County | Central High School | 25.9% | 28.4% | 13.1% | 20.9% | 11.1 | Decrease | Increase |
| Chatham County | Groves High School | 31.6% | 21.2% | 29.5% | 21.8% | lılı | Increase | Decrease |
| Clayton County | Lovejoy Middle School | 19.6% | 12.8% | 15.3% | 14.5% | lııı | Not Sig. | Not Sig. |
| DeKalb County | Freedom Middle School | 24.2% | 21.8% | 23.1% | 17.8% | IIII | Not Sig. | Decrease |
| DeKalb County | McNair Middle School | 7.9% | 17.1% | 41.9% | 44.2% | 11 | Increase | Not Sig. |
| DeKalb County | Towers High School | 34.5% | 30.2% | 39.2% | 35.4% | IIII | Increase | Decrease |
| Dougherty County | Albany High School | 17.6% | 17.9% | 12.1% | 21.3% | 11.1 | Decrease | Increase |
| Meriwether County | Greenville High School | 16.6% | 19.9% | 12.9% | 16.2% | Шп | Decrease | Not Sig. |
| Meriwether County | Greenville Middle School | 8.8% | 13.4% | 16.4% | 20.8% | ····I | Not Sig. | Increase |
| Muscogee County | Baker Middle School | 27.4% | 36.3% | 38.0% | 47.6% | | Not Sig. | Increase |
| Muscogee County | Eddy Middle School | 32.8% | 25.3% | 35.9% | 36.3% | ш | Increase | Not Sig. |
| Richmond County | Butler High School | 31.5% | 32.6% | 33.2% | 23.9% | IIII | Not Sig. | Decrease |
| Richmond County | Murphey Middle Charter School | 33.0% | 29.3% | 27.4% | 30.0% | IIII | Not Sig. | Not Sig. |
| Spalding County | Cowan Road Middle School | 17.7% | 21.2% | 23.5% | 21.7% | ш | Not Sig. | Not Sig. |
| Valdosta City | Newbern Middle School | 16.5% | 22.5% | 23.3% | 32.4% | ····l | Not Sig. | Increase |

An increase in out-of-school suspensions in the first year, followed by decreases in the years following, is expected in turnaround schools. ²⁵ Confidence interval for proportions--change in percent of out-of-school suspensions from 2011 to 2012 and change in percent of out-of-school suspensions from 2012 to 2013: p<.05

Yellow cells indicate rates that are equal or below the state average for that year: 8.2 in 2010, 7.7 in 2011 and 2012, and 7.4 in 2013.

Red text indicates a statistically significant increase in out-of-school suspension rates from 2011 to 2012 and 2012 to 2013.

Green text indicates a statistically significant decrease in out-of-school suspension rates from 2011 to 2012 or 2012 to 2013.

Not Sig. indicates no statistically significant change in student out-of-school suspension rates.

²⁵ Pallin, Evaluating School Turnaround. (2010).Page 26.

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

E. Student In-Grade Retention

Student in-grade retention, which occurs when a student is in the same grade two school years in a row, is another leading indicator of school turnaround efforts.²⁶ Students are typically retained in-grade if they do not meet the academic or social skill levels to move on to the next grade, and retention is a strong predictor of school dropouts.²⁷ As such, schools undergoing turnaround reform should see a decrease in student in-grade retention rates each year during implementation.

In general, Georgia's lowest achieving schools have not had statistically significant reductions in student retention.

- On average, about 11% of students in Georgia's lowest achieving schools were retained in-grade each year, which is three times the state average.
- Twelve schools had statistically significant decreases in retention rates from the year prior to implementation to the school year 2012-13.
- Ten schools had statistically significant increases. Twelve schools had no statistically significant change and the remaining schools had insufficient data.²⁸
- Of middle schools with enough students to report, the majority had lower retention rates than high schools.²⁹

Figure 6 shows the group (2010-11 LAS and 2011-12 LAS) and state averages across all four years. Table 12 lists the retention rates and statistical significance for each 2010-11 LAS. Table 13 lists the retention rates and statistical significance for each 2011-12 LAS school.

²⁶ "Indicators." The Governor's Office of Student Achievement. The Governor's Office of Student Achievement, n.d. Web. 22 Aug. 2014. https://gosa.georgia.gov/indicators.

²⁷ Llagas, Charmaine, and Thomas D. Snyder. *Status and trends in the education of Hispanics*. National Center for Education Statistics, US Department of Education, Institute of Education Sciences, 2003.

Jimerson, S. R., Anderson, G. E. and Whipple, A. D. (2002), Winning the battle and losing the war: Examining the relation between grade retention and dropping out of high school. Psychol. Schs., 39: 441–457. doi: 10.1002/pits.10046

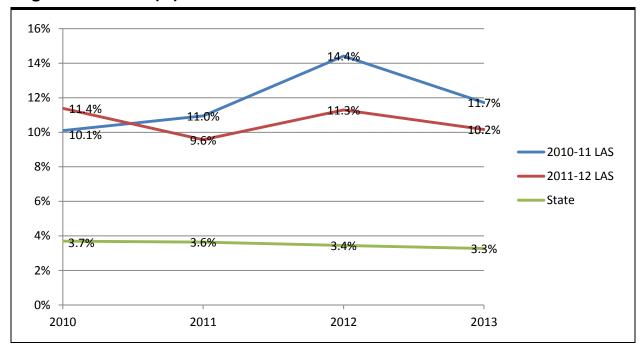
²⁸ Insufficient data is a result of there being Too Few Students to count. GOSA does not report on groups of fewer than 10 students.

²⁹ Middle schools without enough data had Too Few Students to count. Lower middle school retention rates pull down 2011-12 LAS average retention rate.



Dashboard Preliminary Results 2010 - 2013

Figure 6: Percent (%) of Students Retained in Grade



2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS: Harper-Archer MS, Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Lovejoy MS, Freedom MS, McNair MS, Towers HS, Albany HS, Greenville HS, Greenville MS, Baker MS, Eddy MS, Butler HS, Murphey MS, Cowan Rd MS, Newbern MS



Dashboard Preliminary Results 2010 - 2013

Table 12: 2010-11 LAS' Student In-Grade Retention Rate

| District | Cabaal | 2010 | 2011 2012 | | 2013 | Tuend | Change |
|------------------------|---------------------------------------|--------|-----------|--------|--------|-------|----------|
| | School | (Yr 0) | (Yr 1) | (Yr 2) | (Yr 3) | Trend | Yr0-Yr3 |
| Atlanta Public Schools | Crim High School | 15.3% | 22.1% | 83.6% | 43.3% | | Increase |
| Atlanta Public Schools | Douglass High School | 12.5% | 8.9% | 27.5% | 13.8% | | Not Sig. |
| Bibb County | Northeast High School | 3.9% | 17.0% | 10.5% | 12.5% | | Increase |
| Bibb County | Rutland High School | 12.7% | 15.1% | 13.2% | 16.7% | | Increase |
| Bibb County | Southwest High School | 6.9% | 14.9% | 8.5% | 15.5% | | Increase |
| Bibb County | William S. Hutchings Career Center | 6.7% | 14.2% | 8.5% | 12.1% | .1.1 | Increase |
| Burke County | Burke County High School | 7.1% | 10.6% | 9.1% | 8.1% | ıllı | Not Sig. |
| Chatham County | Beach High School | 21.3% | 19.6% | 19.1% | 17.2% | 1111 | Decrease |
| Dade County | Dade County High School | 4.7% | 5.2% | 3.5% | 2.3% | ıı. | Decrease |
| DeKalb County | Clarkston High School | 7.3% | 11.6% | 13.6% | 10.9% | | Increase |
| DeKalb County | McNair High School | 12.7% | 14.5% | 3.4% | 12.5% | 1.1 | Not Sig. |
| Henry County | Henry County High School | 10.0% | 6.3% | 6.2% | 6.2% | liii | Decrease |
| Muscogee County | Jordan Vocational High School | 6.3% | 5.9% | 7.7% | 4.1% | | Decrease |
| Muscogee County | Spencer High School | 9.3% | 8.0% | 9.5% | 6.8% | | Decrease |
| Peach County | Peach County High School | 9.3% | 8.9% | 12.5% | 5.9% | 111. | Decrease |
| Pulaski County | Hawkinsville High School | 3.2% | 3.4% | 3.3% | 4.7% | | Not Sig. |
| Richmond County | Glenn Hills High School | 31.0% | 6.6% | 10.0% | 11.0% | 1 | Decrease |
| Richmond County | Josey High School | 8.0% | 10.7% | 11.7% | 15.3% | | Increase |
| Richmond County | Laney High School | 6.3% | 7.4% | 9.7% | 5.5% | ıılı | Not Sig. |
| Spalding County | Griffin High School | 7.2% | 8.1% | 17.2% | 10.1% | lı | Increase |

Confidence interval for proportions---change in student retention rate from 2010 to 2013: p<.05

Yellow cells indicate rates that equal or are below the state average: 3.7 in 2010, 3.6 in 2011, 3.4 in 2012, and 3.3 in 2013.

Green text indicates a statistically significant decrease in student retention rates from 2010 to 2013.

Red text indicates a statistically significant increase in student retention rates from 2010 to 2013.

Not Sig. indicates no statistically significant change in student in-grade retention rates.



Dashboard Preliminary Results 2010 - 2013

Table 13: 2011-12 LAS' Student In-Grade Retention Rate

| District | Sahaal | 2010 | 2011 | 2012 | 2013 | Tuend | Change |
|------------------------|--|---------|--------|--------|--------|-------|----------|
| | School | (Yr -1) | (Yr 0) | (Yr 1) | (Yr 2) | Trend | Yr0- Yr2 |
| Atlanta Public Schools | Harper-Archer Middle School | TFS | TFS | TFS | TFS | - | N/A |
| Atlanta Public Schools | Therrell School of Health and Science | 18% | 23% | 31% | 24% | | Not Sig. |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 18% | 23% | 33% | 23% | uli | Not Sig. |
| Ben Hill County | Fitzgerald High School | 9% | 12% | 12% | 6% | ıII. | Decrease |
| Bibb County | Central High School | 9% | 14% | 11% | 9% | ılıı | Decrease |
| Chatham County | Groves High School | 42% | 20% | 21% | 22% | 1 | Not Sig. |
| Clayton County | Lovejoy Middle School | TFS | TFS | TFS | TFS | - | N/A |
| DeKalb County | Freedom Middle School | 1% | 2% | 2% | 1% | ·III | Decrease |
| DeKalb County | McNair Middle School | TFS | 3% | 2% | TFS | lı. | N/A |
| DeKalb County | Towers High School | 9% | 15% | 15% | 12% | .1111 | Decrease |
| Dougherty County | Albany High School | 5% | 11% | 10% | 8% | ·III | Decrease |
| Meriwether County | Greenville High School | 4% | 7% | 7% | 6% | .1111 | Not Sig. |
| Meriwether County | Greenville Middle School | TFS | TFS | TFS | TFS | - | N/A |
| Muscogee County | Baker Middle School | TFS | 4% | TFS | 6% | 1.1 | Not Sig. |
| Muscogee County | Eddy Middle School | 3% | 5% | 5% | 4% | .1111 | Not Sig. |
| Richmond County | Butler High School | 12% | 9% | 10% | 14% | IIII | Increase |
| Richmond County | Murphey Middle Charter School | TFS | 2% | 2% | TFS | II. | N/A |
| Spalding County | Cowan Road Middle School | TFS | 2% | 3% | 2% | ılı | Not Sig. |
| Valdosta City | Newbern Middle School | 5% | 2% | 5% | 6% | 1.11 | Increase |

Confidence interval for proportions---change in student retention rate from 2011 to 2013: p<.05 $\,$

Yellow cells indicate rates that are equal or below the state average: 3.7 in 2010, 3.6 in 2011, 3.4 in 2012 and 3.3 in 2013.

Green text indicates a statistically significant decrease in student retention rates from 2011 to 2013.

Red text indicates a statistically significant increase in student retention rates from 2011 to 2013.

Not Sig. indicates no statistically significant change in student in-grade retention rates.

[&]quot;TFS" = too few students, GOSA does not report on fewer than 10 students

[&]quot;N/A" = data not available

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

F. Student Dropout Rate

Researchers identify student dropout rate as both a leading and lagging indicator of school turnaround. Federal SIG metric requirements include student dropout rates as a leading indicator. However, Mass Insight Education concludes that student dropout rates are the lagging indicator that corresponds with student attendance rates and student in-grade retention rates. In either case, higher student dropout rates lead to fewer students attaining a high school diploma. Schools undergoing effective turnaround reform should have a decrease in student dropout rates each year during implementation. The 9th-12th grade dropout rate is used for this indicator, so only high schools are included below.

In general, Georgia's lowest achieving schools have not had statistically significant reductions in student dropouts.

- For 2010-11 LAS high schools, the dropout rate decreased from 7.6% to 6.4% in the first year of implementation, but it climbed steadily to 6.9% by 2013. The state high school average dropout rate hovered around 3.6%.
- For 2011-12 LAS high schools, the dropout rate increased from 4.8% to 6.1% in the first year of implementation, but it dropped to 3.9% in the second year, just above the state average.
- Only four schools, Burke County High School, Crim High School, Fitzgerald High School and Rutland High School, had statistically significant reductions in student dropout rates each year of implementation. Most notably, Crim High School's dropout rate decreased from 64.7% to 29.6%.
- Six schools, Burke County High School, Crim High School, Dade County High School, Fitzgerald High School, Rutland High School, and Towers High School, had a statistically significant reduction in student dropout rates from the year prior to implementation to 2012-13 school year. Eleven schools had a statistically significant increase, and 15 schools had no statistically significant change.

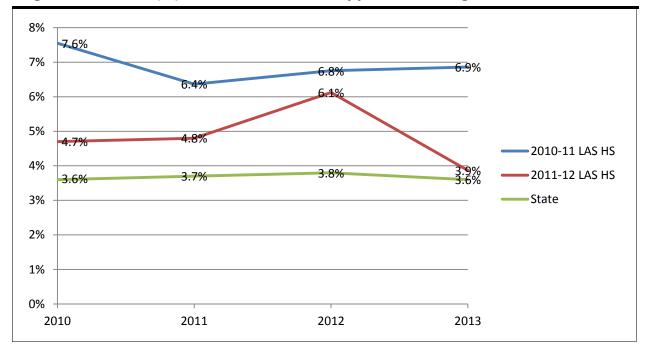
Figure 7 shows 2010-11 LAS, 2011-12 LAS high schools, and state averages across all four years. Table 14 lists the dropout rates and statistical significance of each 2010-11 LAS. Table 15 lists the dropout rates and statistical significance of each 2011-12 LAS high school.

Center on Innovation & Improvement, Mid-Atlantic Comprehensive Center, and Appalachia Regional Comprehensive Center. *School Improvement Grants Online Tool: Monitoring and Evaluating Transformations by FEDERAL REQUIREMENTS*. Lincoln, Illinois: Academic Development Institute, 2011. PDF. Page 7.

³⁰ Pallin, Evaluating School Turnaround. (2010). Page 15.



Figure 7: Percent (%) of Students Who Dropped Out of High School



2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS High Schools: Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Towers HS, Albany HS, Greenville HS, Butler HS



Dashboard Preliminary Results 2010 - 2013

Table 14: 2010-11 LAS' Percent of Students Who Dropped Out of School

| District | Cahaal | 2010 | 2011 | 2012 | 2013 Trand | T | Change |
|------------------------|------------------------------------|----------------------|--------|--------|---------------|----------|----------|
| | School | (Yr 0) (Yr 1) (Yr 2) | (Yr 2) | (Yr 3) | Trend | Yr0- Yr3 | |
| Atlanta Public Schools | Crim High School | 64.7% | 37.3% | 34.8% | 29.6% | l | Decrease |
| Atlanta Public Schools | Douglass High School | 4.6% | 8.1% | 10.6% | 9.5% | .111 | Increase |
| Bibb County | Northeast High School | 5.9% | 8.7% | 6.1% | 8.2% | ılıı | Increase |
| Bibb County | Rutland High School | 9.0% | 7.6% | 6.8% | 5.6% | IIII | Decrease |
| Bibb County | Southwest High School | 8.5% | 8.4% | 5.8% | 9.8% | 111.1 | Not Sig. |
| Bibb County | William S. Hutchings Career Center | 3.3% | 4.4% | 2.9% | 5.5% | ıııl | Increase |
| Burke County | Burke County High School | 5.7% | 2.8% | 2.2% | 1.9% | l | Decrease |
| Chatham County | Beach High School | 5.4% | 3.6% | 3.6% | 4.8% | lut | Not Sig. |
| Dade County | Dade County High School | 4.2% | 1.7% | TFS | 2.7% | la | Decrease |
| DeKalb County | Clarkston High School | 2.3% | 3.9% | 6.3% | 7.8% | 11 | Increase |
| DeKalb County | McNair High School | 4.0% | 5.5% | 6.2% | 4.1% | ıllı | Not Sig. |
| Henry County | Henry County High School | 5.9% | 5.7% | 7.1% | 5.7% | ıılı | Not Sig. |
| Muscogee County | Jordan Vocational High School | 7.9% | 6.6% | 7.1% | 8.1% | liii | Not Sig. |
| Muscogee County | Spencer High School | 4.5% | 4.2% | 5.8% | 4.4% | ıılı | Not Sig. |
| Peach County | Peach County High School | 2.2% | 4.0% | 4.3% | 4.9% | .111 | Increase |
| Pulaski County | Hawkinsville High School | 3.2% | 2.2% | 2.8% | 5.3% | 1 | Increase |
| Richmond County | Glenn Hills High School | 0.6% | 4.2% | 2.3% | 6.2% | .u.l | Increase |
| Richmond County | Josey High School | 2.0% | 1.9% | 5.8% | 3.9% | lı | Increase |
| Richmond County | Laney High School | 3.9% | 1.3% | 3.2% | 3.7% | Lil | Not Sig. |
| Spalding County | Griffin High School | 3.2% | 5.2% | 4.6% | 5.5% | .111 | Increase |

Confidence interval for proportions--change in student dropout rate from 2010 to 2013: p<.05

 $Yellow cells indicate rates that are equal or below the 9-12 state average: 3.6 in 2010, 3.7 in 2011, 3.8 in 2012, and 3.6 in 2013. \\ .$

Green text indicates a statistically significant decrease in student dropout rates from 2010 to 2013.

Red text indicates a statistically significant increase in student dropout rates from 2010 to 2013.

Not Sig. indicates no statistically significant change in student dropout rates.



Dashboard Preliminary Results 2010 - 2013

Table 15: 2011-12 LAS High Schools' Percent of Students Who Dropped Out of School

| District | Cabaal | 2010 | 2011 | 2012 | 2013 | Trend | Change |
|------------------------|--|---------|--------|--------|--------|-------|----------|
| District | School | (Yr -1) | (Yr 0) | (Yr 1) | (Yr 2) | | Yr0- Yr2 |
| Atlanta Public Schools | Therrell School of Health and Science | 4.3% | 3.3% | 14.6% | 5.0% | | Not Sig. |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 5.1% | 6.3% | 10.7% | 4.8% | .ılı | Not Sig. |
| Ben Hill County | Fitzgerald High School | 4.1% | 7.0% | 3.9% | 1.9% | ılı. | Decrease |
| Bibb County | Central High School | 8.0% | 6.7% | 4.0% | 5.7% | 11 | Not Sig. |
| Chatham County | Groves High School | 8.0% | 3.6% | 2.1% | 3.8% | 1 | Not Sig. |
| DeKalb County | Towers High School | 6.2% | 5.6% | 6.8% | 3.2% | ııı. | Decrease |
| Dougherty County | Albany High School | 2.8% | 5.1% | 4.5% | 4.1% | ıllı | Not Sig. |
| Meriwether County | Greenville High School | 1.7% | 2.6% | 3.0% | 2.6% | ıIII | Not Sig. |
| Richmond County | Butler High School | 5.0% | 3.0% | 5.5% | 3.7% | I.I. | Not Sig. |

Confidence interval for proportions--change in student dropout rate from 2011 to 2013: p<.05

Yellow cells indicate rates that are equal or below the 9-12 state average: 3.6 in 2010, 3.7 in 2011, 3.8 in 2012, and 3.6 in 2013.

Green text indicates a statistically significant decrease in student dropout rates from 2011 to 2013.

Not Sig. indicates no statistically significant change in student dropout rates.

E GOVERNOR'S OFFICE

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

IV. Lagging Indicators

A. Standardized Test Scores

Standardized test scores are a lagging indicator of school turnaround efforts because effective turnarounds typically demonstrate a statistically significant increase in year two or three.³¹

GOSA used two standardized tests employed in Georgia to measure the progress of lowest achieving schools, the End of Course Tests (EOCT) and the Criterion-Referenced Competency Tests (CRCT). For the years examined in this study, Georgia high school students took EOCTs that align with Georgia's statemandated content standards associated with a specific course.³² This report examines the scores in one course in each core subject: American Literature and Composition, Biology, Mathematics II, and US History. In grades 3 to 8, Georgia students took CRCTs. The CRCTs measure the skills and knowledge described in state-mandated content standards in reading, English/language arts, mathematics, science and social studies.³³

2010-11 LAS are all high schools, so no CRCT data are included for these schools. 2011-12 LAS include both high schools and middle schools. Therefore, 2011-12 LAS include EOCT and CRCT data

i. End of Course Tests (EOCT)

In general, Georgia's lowest achieving schools have had statistically significant increases in EOCT scores in each subject every year. For the most part, however, these increases were similar to changes in performance at the state level.

- The gap between both LAS groups' American Literature and Composition scores and the state average widened in both groups. For 2010-11 LAS, the gap widened from 10 to 14 percentage points. For 2011-12 LAS, it widened from 16 to 23 percentage points.
- Biology saw the most gains relative to the state average. For both groups, the gap decreased from roughly 30 percentage points to 20 percentage points.
- The gap with the state average narrowed slightly in Mathematics II, from 28 to 24 percentage points for 2010-11 LAS and from 33 to 28 percentage points for 2011-12 LAS.
- In U.S. History, the gap narrowed from 25 to 22 percentage points for 2010-11 LAS, but it widened from 28 to 35 percentage points for 2011-12 LAS.
- Fourteen of the 29 high schools had statistically significant increases in three or more subjects from the year before implementation to the 2012-13 school year. Thirteen had statistically

³¹Pallin, Evaluating School Turnaround. (2010). Page 25.

³² "End of Course Tests (EOCT)." *End of Course Tests (EOCT)*. Georgia Department of Education, n.d. Web. 14 Sept. 2014. http://www.gadoe.org/curriculum-instruction-and-assessment/assessment/pages/eoct.aspx.

³³ "Criterion-Referenced Competency Tests (CRCT)." Criterion-Referenced Competency Tests (CRCT). Georgia Department of Education, n.d. Web. 14 Sept. 2014. http://www.gadoe.org/Curriculum-Instruction-and-Assessment/Pages/CRCT.aspx.

THE GOVERNOR'S OFFICE of STUDENT ACHIEVEMENT

Lowest Achieving Schools

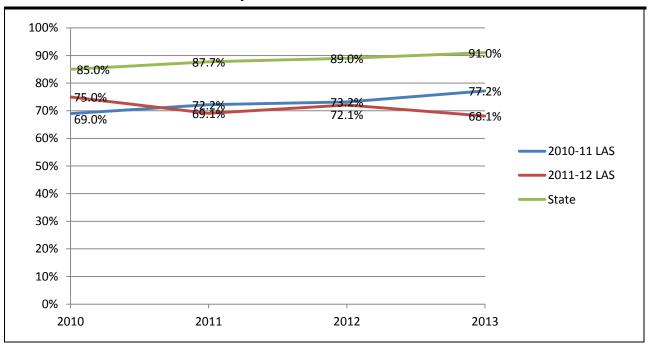
Dashboard Preliminary Results 2010 - 2013

significant increases in two subjects. Two schools had statistically significant increases in only one subject. The remaining 10 schools had no statistically significant gains.

• Five schools had a statistically significant decrease in a subject from the year prior to implementation to the 2012-13 school year.

Figures 8-11 show the 2010-11 LAS, 2011-12 LAS, and state averages for each EOCT subject across all four years. Table 17 provides each school's results over that time for each EOCT subject for each 2010-11 LAS. Table 18 provides the same information for 2011-12 LAS.

Figure 8: Percent (%) of Students Who Meet or Exceed State Standards on American Literature and Composition End-of-Course-Test

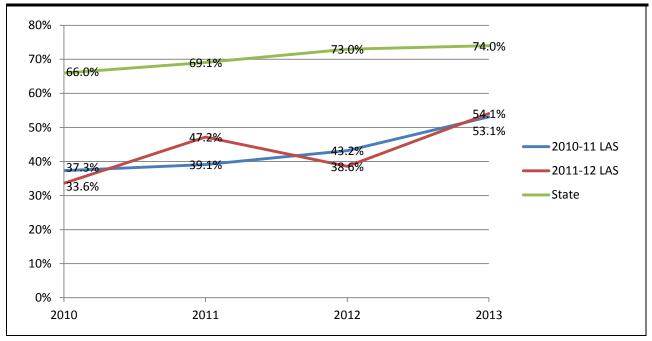


2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS: Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Towers HS, Albany HS, Greenville HS, Butler HS,

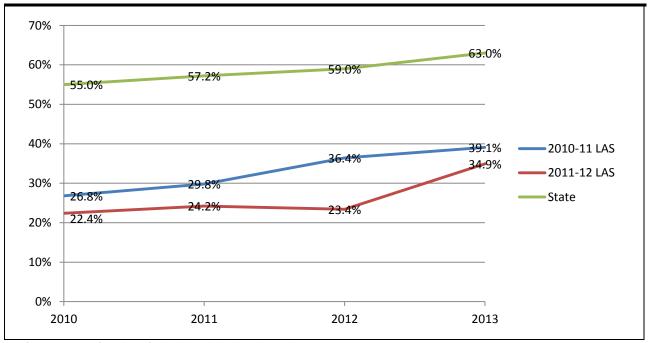


Figure 9: Percent (%) of Students Who Meet or Exceed State Standards on Biology End-of-Course-Test



Refer to Figure 8 for a list of schools included in the graph.

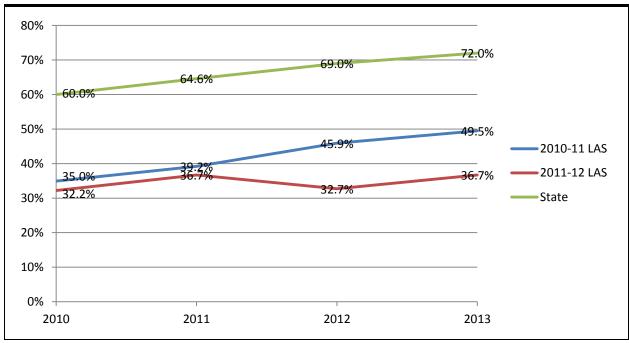
Figure 10: Percent (%) of Students Who Meet or Exceed State Standards on Mathematics II End-of-Course-Test



Refer to Figure 8 for a list of schools included in the graph.



Figure 11: Percent (%) of Students Who Meet or Exceed State Standards on US History End-of-Course-Test



Refer to Figure 8 for a list of schools included in the graph.



Dashboard Preliminary Results 2010 - 2013

Table 17: 2010-11 LAS Significant Changes from Before to After Implementation

| District | School | Subjects with Sig. Increase | Subjects with Sig. Decrease |
|------------------------|---------------------------------------|----------------------------------|--------------------------------|
| Atlanta Public Schools | Crim High School | 1 of 4 subjects: US H | 0 |
| Atlanta Public Schools | Douglass High School | 4 of 4 subjects: AL, B, M2, US H | 0 |
| Bibb County | Northeast High School | 1 of 4 subjects: M2 | 0 |
| Bibb County | Rutland High School | 2 of 4 subjects: B, M2 | 0 |
| Bibb County | Southwest High School | 2 of 4 subjects: B, M2 | 0 |
| Bibb County | William S. Hutchings Career Center | 2 of 4 subjects: B, M2 | 0 |
| Burke County | Burke County High School | 4 of 4 subjects: AL, B, M2, US H | 0 |
| Chatham County | Beach High School | 4 of 4 subjects: AL, B, M2, US H | 0 |
| Dade County | Dade County High School | 3 of 4 subjects: AL, M2, US H | 0 |
| DeKalb County | Clarkston High School | 2 of 4 subjects: B, US H | 0 |
| DeKalb County | McNair High School | 4 of 4 subjects: AL, B, M2, US H | 0 |
| Henry County | Henry County High School | 3 of 4 subjects: B, M2, US H | 0 |
| Muscogee County | Jordan Vocational High School | 3 of 4 subjects: AL, B, US H | 1 of 4 subjects: M2 |
| Muscogee County | Spencer High School | 3 of 4 subjects: AL, B, US H | 0 |
| Peach County | Peach County High School | 2 of 4 subjects: AL, US H | 0 |
| Pulaski County | Hawkinsville High School | 2 of 4 subjects: AL, M2 | 0 |
| Richmond County | Glenn Hills High School | 2 of 4 subjects: US H, M2 | 0 |
| Richmond County | Josey High School | 2 of 4 subjects: B, M2 | 0 |
| Richmond County | Laney High School | 4 of 4 subjects: AL, B, M2, US H | 0 |
| Spalding County | Griffin High School | 4 of 4 subjects: AL, B, M2, US H | 0 |

Confidence interval for proportions---change in student meets or exceeds rate from 2010 to 2013: p<.05
EOCT Abbreviations: American Literature and Composition (AL), Biology (B), Mathematics II (M2), and US History (US H)
Green text indicates a statistically significant increase in three or more subjects.

THE GOVERNOR'S OFFICE of STUDENT ACHIEVEMENT

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

Table 18: 2011-12 LAS High Schools Significant Changes from Before to After Implementation

| District | School | Subjects with Increase | Subjects with Decrease |
|------------------------|---|-------------------------------|---------------------------|
| Atlanta Public Schools | Therrell School of Health and Science | 3 of 4 subjects: B, US H, M2 | 1 of 4 subjects: AL |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 2 of 4 subjects: M2, US H | 0 |
| Ben Hill County | Fitzgerald High School | 3 of 4 subjects: AL, B, US H | 0 |
| Bibb County | Central High School | 2 of 4 subjects: B, M2 | 0 |
| Chatham County | Groves High School | 3 of 4 subjects: B, M2, US H | 0 |
| DeKalb County | Towers High School | 2 of 4 subjects: B, US H | 1 of 4 subjects: M2 |
| Dougherty County | Albany High School | 2 of 4 subjects: B, US H | 1 of 4 subjects: AL |
| Meriwether County | Greenville High School | 3 of 4 subjects: AL, M2, US H | 0 |
| Richmond County | Butler High School | 2 of 4 subjects: B, M2 | 1 of 4 subjects: US F |

Confidence interval for proportions---change in student meets or exceeds rate from 2011 to 2013: p<.05 EOCT Abbreviations: American Literature and Composition (AL), Biology (B), Mathematics II (M2), and US History (US H) Green text indicates a statistically significant increase in three or more subjects.

ii. Criterion-Referenced Competency Tests (CRCT)

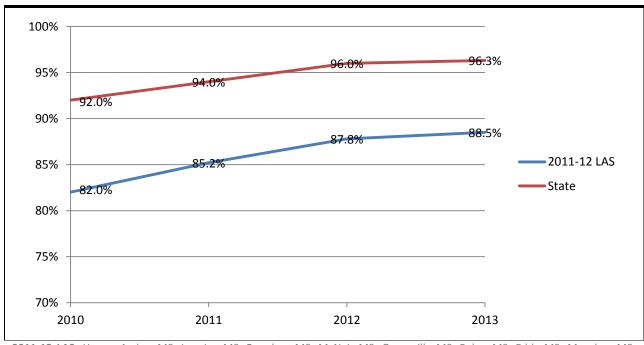
CRCT scores increased in all subjects except ELA in middle schools identified as LAS CRCT scores. However, these changes in performance largely mirror changes in the state average.

- In reading, LAS middle schools decreased the gap with the state average from 9 to 7 percentage points between 2011 and 2013.
- In math, the gap with the state average increased from 18 to 20 percentage points.
- In ELA, the gap remained unchanged.
- The gap closed the most in science, from 31 to 23 percentage points.
- In social studies, the gap decreased by 5 percentage points, from 33 to 28.
- Three LAS middle schools had statistically significant increases in four or more subjects from 2012 to 2013: Eddy Middle School, Lovejoy Middle School, and Murphey Middle Charter School.
- Five schools had increases in two or three subjects. One school, Freedom Middle School, had a statistically significant increase in only one subject, and Newbern Middle School had no statistically significant increases.
- Greenville Middle School, McNair Middle School and Newbern Middle school had statistically significant decreases in one or more subjects from the 2012 to 2013.

Figures 12-16 show the 2011-12 LAS middle schools' and state averages for each CRCT subject across all four years. Table 19 lists the statistical significant change for each CRCT subject for every 2011-12 LAS middle school.



Figure 12: Percent of Students Who Meet or Exceed State Standards on Reading CRCT

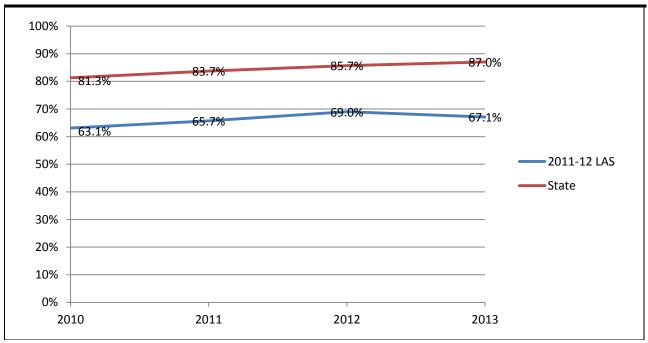


2011-12 LAS: Harper-Archer MS, Lovejoy MS, Freedom MS, McNair MS, Greenville MS, Baker MS, Eddy MS, Murphey MS, Cowan Rd MS, Newbern MS

State scores are the average of grade 6, 7, and 8 CRCT scores

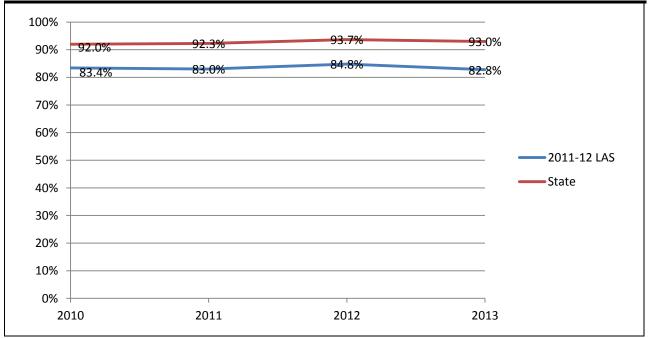


Figure 13: Percent of Students Who Meet or Exceed State Standards on Mathematics CRCT



Refer to Figure 12 for a list of schools included in the graph.

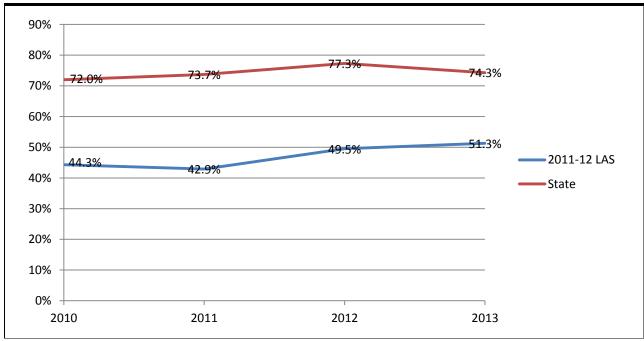
Figure 14: Percent of Students Who Meet or Exceed State Standards on English Language Arts CRCT



Refer to Figure 12 for a list of schools included in the graph.

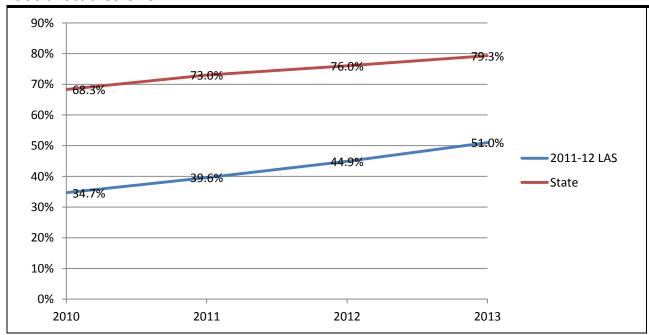


Figure 15: Percent of Students Who Meet or Exceed State Standards on Science CRCT



Refer to Figure 12 for a list of schools included in the graph.

Figure 16: Percent of Students Who Meet or Exceed State Standards on Social Studies CRCT



Refer to Figure 12 for a list of schools included in the graph.



Dashboard Preliminary Results 2010 - 2013

Table 19: 2011-12 LAS Middle Schools Significant Changes in CRCT Scores by Subject from Before to After Implementation

| | - | | |
|------------------------|----------------------------------|-----------------------------------|---------------------------|
| District | School | Subjects with Increase | Subjects with Decrease |
| Atlanta Public Schools | Harper-Archer Middle School | 2 of 5 subjects: R, SS | 0 |
| Clayton County | Lovejoy Middle School | 4 of 5 subjects: M, R, S, SS | 0 |
| DeKalb County | Freedom Middle School | 1 of 5 subjects: SS | 0 |
| DeKalb County | McNair Middle School | 2 of 5 subjects: R, SS | 2 of 5 subjects: ELA, M |
| Meriwether County | Greenville Middle School | 2 of 5 subjects: S, SS | 1 of 5 subjects: M |
| Muscogee County | Baker Middle School | 3 of 5 subjects: R, S, SS | 0 |
| Muscogee County | Eddy Middle School | 4 of 5 subjects: ELA, M, S, SS | 0 |
| Richmond County | Murphey Middle Charter School | 5 of 5 subjects: ELA, M, R, S, SS | 0 |
| Spalding County | Cowan Road Middle School | 3 of 5 subjects: M, S, SS | 0 |
| Valdosta City | Newbern Middle School | 0 | 2 of 5 subjects: ELA, M |

Confidence interval for proportions---change in student meets or exceeds rate from 2011 to 2013: p<.05 CRCT Abbreviations: English Language Arts (ELA), Mathematics (M), Reading (R), Science (S), and Social Studies (SS) **Green** indicates a significant increase in four or more subjects.

B. Graduation Rate

Graduation rate also serves a lagging indicator of school turnaround efforts because significant improvements in this metric are not expected until the third year of implementation. Mass Insight Education identifies graduation rate as a lagging indicator that corresponds with attendance rate and ingrade retention rate.³⁴ According to federal requirements, while improvements in lagging indicators such as graduation rate should happen by year three, gradual increases could be seen in year one and two.³⁵ Therefore, schools undergoing effective turnaround reform should have an increase in graduation rate each year of implementation with the biggest increase in year three.

In Georgia, graduation rate calculation changed in 2010-11 to meet federal requirements.³⁶ Therefore, comparisons to prior years are not possible. In this case, statistical significance for 2010-11 LAS is calculated as the change from year 1 (2010-11 school year) to year 3 (2012-13 school year). Statistical significance for 2011-12 LAS is still calculated as the change from the year before implementation, 2010-11 school year, to the 2012-13 school year. Since the graduation rate is a high school metric, data are only presented on the 29 high schools.

³⁴ Pallin, Evaluating School Turnaround. (2010). Page 15.

³⁵ Center on Innovation & Improvement, Mid-Atlantic Comprehensive Center, and Appalachia Regional Comprehensive Center. *School Improvement Grants Online Tool: Monitoring and Evaluating Transformations by FEDERAL REQUIREMENTS*. Lincoln, Illinois: Academic Development Institute, 2011. PDF. Page 7.

³⁶ "Indicators." The Governor's Office of Student Achievement. The Governor's Office of Student Achievement, n.d. Web. 22 Aug. 2014. https://gosa.georgia.gov/indicators.

RNOR'S OFFICE

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

In general, Georgia lowest achieving schools have not had statistically significant increases in graduation rate. The majority of schools saw no statistically significant change in graduation rate.

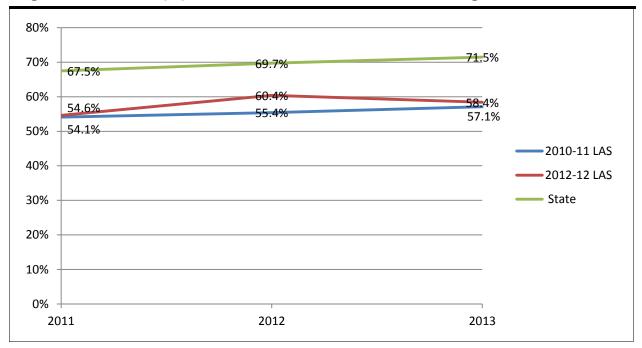
- On average, less than 60% of students in Georgia's lowest achieving schools are graduating from high school each year. This is about 10 percentage points lower than the state average. Both rates increased slightly between 2011 and 2013.
- Only nine schools had a statistically significant increase in graduation rate from 2010-11 school
 year to the 2012-13 school year. Three schools had a statistically significant decrease, and
 fourteen had no statistically significant change.
- Fourteen 2010-11 LAS had an increase in graduation rate from year two to year three of implementation. Six schools had a decrease.
- Four 2011-12 LAS had an increase in graduation rate from year one to year two. Five schools had a decrease.³⁷

Figure 17 shows the 2010-11 LAS and 2011-12 LAS and state averages across all four years. Table 20 lists the graduation rates and statistical significance for each 2010-11 LAS. Table 21 lists the graduation rates and statistical significant for each 2011-12 LAS.

³⁷ Year three (2013-14 school year) data for 2011-12 LAS have not yet been released.

Dashboard Preliminary Results 2010 - 2013

Figure 17: Percent (%) of Students Who Graduated from High School



In 2011, Georgia changed from a proxy rate calculation to a Cohort rate calculation for graduation rate. As such, prior years are not included.

2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS: Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Towers HS, Albany HS, Greenville HS, Butler HS



Dashboard Preliminary Results 2010 - 2013

Table 20: 2010-11 LAS' Graduation Rate

| School District | Calcad Name | 2011 | 2012 | 2013 | Tuend | Change |
|------------------------|------------------------------------|--------|--------|--------|-------|----------|
| School District | School Name | (Yr 1) | (Yr 2) | (Yr 3) | Trend | Yr1-Yr3 |
| Atlanta Public Schools | Crim High School* | 7.5% | 4.2% | 7.5% | - | Not Sig. |
| Atlanta Public Schools | Douglass High School | 47.6% | 40.5% | 49.6% | 111 | Not Sig. |
| Bibb County | Northeast High School | 51.8% | 47.2% | 52.5% | - | Not Sig. |
| Bibb County | Rutland High School | 59.0% | 64.1% | 72.3% | 111 | Increase |
| Bibb County | Southwest High School | 38.3% | 39.1% | 45.6% | 111 | Increase |
| Bibb County | William S. Hutchings Career Center | 68.3% | 71.6% | 58.7% | | Not Sig. |
| Burke County | Burke County High School | 67.4% | 74.7% | 77.9% | === | Increase |
| Chatham County | Beach High School | 51.9% | 55.4% | 64.7% | 111 | Increase |
| Dade County | Dade County High School | 70.6% | 80.1% | 80.7% | | Increase |
| DeKalb County | Clarkston High School | 54.7% | 44.2% | 53.1% | 111 | Not Sig. |
| DeKalb County | McNair High School | 53.0% | 47.0% | 46.4% | • | Not Sig. |
| Henry County | Henry County High School | 72.8% | 77.3% | 77.7% | | Not Sig. |
| Muscogee County | Jordan Vocational High School | 43.6% | 45.7% | 56.1% | 111 | Increase |
| Muscogee County | Spencer High School | 61.7% | 60.3% | 54.6% | | Decrease |
| Peach County | Peach County High School | 61.1% | 66.6% | 63.3% | | Not Sig. |
| Pulaski County | Hawkinsville High School | 71.7% | 70.3% | 73.4% | • | Not Sig. |
| Richmond County | Glenn Hills High School | 45.9% | 57.1% | 42.2% | • | Not Sig. |
| Richmond County | Josey High School | 46.7% | 51.7% | 49.6% | Ш | Not Sig. |
| Richmond County | Laney High School | 47.3% | 48.8% | 51.3% | | Not Sig. |
| Spalding County | Griffin High School | 61.7% | 62.9% | 65.1% | Ш | Not Sig. |

^{*}Crim High School is an alternative school serving many students who are academically off track. As such, the graduation rate is much lower than other LAS.

Confidence interval for proportions--change in graduation rate from 2011 to 2013: p<.05

Yellow cells indicate rates that are equal to or above the state average for that year: 67.5 in 2011, 69.7 in 2012 and, 71.5 in 2013.

Green text indicates a statistically significant increase in graduation rate from 2011 to 2013.

Red text indicates a statistically significant decrease in graduation rate from 2011 to 2013.

Not Sig. indicates no statistically significant change in graduation rate.



Dashboard Preliminary Results 2010 - 2013

Table 21: 2011-12 LAS High Schools' Graduation Rate

| Cohool District | Colored Name | 2011 | 2012 | 2013 | T | Change |
|------------------------|--|--------|--------|--------|-------|----------|
| School District | School Name | (Yr 0) | (Yr 1) | (Yr 2) | Trend | Yr0- Yr3 |
| Atlanta Public Schools | Therrell School of Health and Science | 49.2% | 67.7% | 46.3% | lili | Not Sig. |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 65.7% | 38.7% | 48.9% | 11 | Decrease |
| Ben Hill County | Fitzgerald High School | 64.9% | 73.7% | 83.5% | 1111 | Increase |
| Bibb County | Central High School | 52.1% | 52.8% | 66.4% | IIII | Increase |
| Chatham County | Groves High School | 51.5% | 62.9% | 54.3% | lııı | Not Sig. |
| DeKalb County | Towers High School | 43.9% | 47.2% | 44.1% | lm | Not Sig. |
| Dougherty County | Albany High School | 54.5% | 66.3% | 66.7% | IIII | Increase |
| Meriwether County | Greenville High School | 62.8% | 78.2% | 64.2% | lılı | Not Sig. |
| Richmond County | Butler High School | 47.3% | 46.6% | 38.4% | lm | Decrease |

Confidence interval for proportions--change in graduation rate from 2011 to 2013: p<.05

Yellow cells indicate rates that are equal to or above the state average for that year: 67.5 in 2011, 69.7 in 2012 and, 71.5 in 2013.

Green text indicates a statistically significant increase in graduation rate from 2011 to 2013.

Red text indicates a statistically significant decrease in graduation rate from 2011 to 2013.

Not Sig. indicates no statistically significant change in graduation rate.

THE GOVERNOR'S OFFICE of STUDENT ACHIEVEMENT

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

D. College Enrollment

College Enrollment rate also serves a lagging indicator of school turnaround efforts because significant improvements in this metric are not expected until the third year of implementation. GOSA tracks college enrollment as the percentage of students who enroll in college within 16 months of graduating from high school, which aligned with federal reporting of college enrollment in the c(11) report. For example, the figures for 2010 represent the percent of high school graduates in 2010 that enrolled in college courses with 16 months. Therefore, the data for this indicator are lagged to allow for 16 months after a student graduates. As a result, this section reports figures only for 2010 and 2011. Since 2011 represents the first year of implementation for the 2010-11 LAS and the year before implementation for the 2011-12 LAS, these data should be interpreted more as a baseline than outcomes.

Both the state average and the averages for the two groups of LAS decreased slightly from 2010 to 2011.

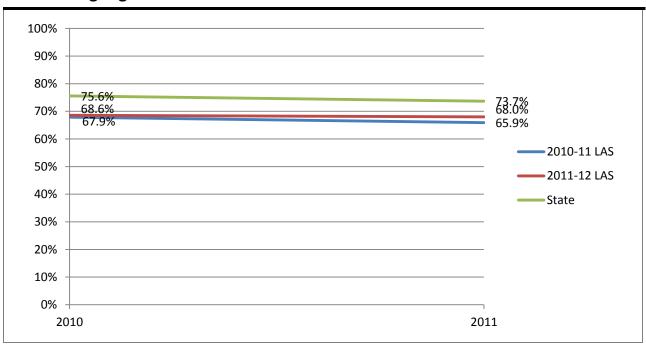
- On average, less than 70% of high school graduates in Georgia's lowest achieving schools are enrolling in college within 16 months. This is about 5 percentage points below the state average.
- Only 10 schools had an increase in college enrollment from 2010 to 2011, none of which were statistically significant.
- Eighteen schools had a decrease college enrollment from 2010 to 2011. This difference was statistically significant in four schools.
- One school had no change.

Figure 18 shows the 2010-11 LAS, 2011-12 LAS and state averages for 2010 and 2011. Table 22 lists the college enrollment rates and statistical significance for each 2010-11 LAS. Table 23 lists the college enrollment rates and statistical significance for each 2011-12 LAS.



Dashboard Preliminary Results 2010 - 2013

Figure 18: Percent (%) of Students Who Enrolled in College within 16 months of Graduating High School



2010 data represents those students who graduated high school in 2010. 2011 data represents those students who graduated high school in 2011.

2010-11 LAS: Crim HS, Douglass HS, Northeast HS, Rutland HS, Southwest HS, Hutchings CC, Burke HS, Beach HS, Dade HS, Clarkston HS, McNair HS, Henry HS, Jordan Voc. HS, Spencer HS, Peach HS, Hawkinsville HS, Glenn Hills HS, Josey HS, Laney HS, and Griffin HS

2011-12 LAS: Therrell Health Science, Therrell Law, Fitzgerald HS, Central HS, Groves HS, Towers HS, Albany HS, Greenville HS, Butler HS



Dashboard Preliminary Results 2010 - 2013

Table 22: 2010-11 LAS' College Enrollment Rate

| School District | School Name | 2010 | 2011 | Trend | Change between |
|------------------------|------------------------------------|--------|--------|-------|-------------------|
| | | (Yr 0) | (Yr 1) | | Yr0-Yr1 |
| Atlanta Public Schools | Crim High School | 42.5% | 40.0% | II | Not Sig. |
| Atlanta Public Schools | Douglass High School | 70.5% | 58.6% | lı | Decrease |
| Bibb County | Northeast High School | 73.8% | 72.7% | II | Not Sig. |
| Bibb County | Rutland High School | 79.7% | 80.2% | = | Not Sig. |
| Bibb County | Southwest High School | 75.0% | 69.6% | | Not Sig. |
| Bibb County | William S. Hutchings Career Center | 67.3% | 75.7% | - | Not Sig. |
| Burke County | Burke County High School | 75.8% | 68.5% | | Decrease |
| Chatham County | Beach High School | 65.5% | 62.1% | | Not Sig. |
| Dade County | Dade County High School | 65.9% | 66.2% | | Not Sig. |
| DeKalb County | Clarkston High School | 62.6% | 56.8% | | Not Sig. |
| DeKalb County | McNair High School | 81.4% | 71.8% | | Decrease |
| Henry County | Henry County High School | 71.1% | 63.5% | = | Decrease |
| Muscogee County | Jordan Vocational High School | 58.4% | 59.2% | | Not Sig. |
| Muscogee County | Spencer High School | 53.0% | 52.9% | | Not Sig. |
| Peach County | Peach County High School | 79.4% | 75.1% | | Not Sig. |
| Pulaski County | Hawkinsville High School | 76.9% | 81.0% | | Not Sig. |
| Richmond County | Glenn Hills High School | 70.6% | 69.4% | | Not Sig. |
| Richmond County | Josey High School | 56.0% | 61.9% | = | Not Sig. |
| Richmond County | Laney High School | 58.9% | 62.0% | | Not Sig. |
| Spalding County | Griffin High School | 72.9% | 70.7% | | Not Sig. |

Confidence interval for proportions--change in graduation rate from 2010 to 2011: p<.05

Yellow cells indicate rates that are equal to or above the state average for that year: 75.5 in 2010, 73.7 in 2011.

Red text indicates a statistically significant decrease in college enrollment from 2010 to 2011.

Not Sig. indicates no statistically significant change in college enrollment.



Dashboard Preliminary Results 2010 - 2013

Table 23: 2010-11 LAS' College Enrollment Rate

| School District School Name | 2010 | 2011 | Trend | Change between | |
|-----------------------------|--|---------|--------|-------------------|-----------|
| | | (Yr -1) | (Yr 0) | Heliu | Yr-1- Yr0 |
| Atlanta Public Schools | Therrell School of Health and Science | 73.3% | 72.9% | •• | Not Sig. |
| Atlanta Public Schools | Therrell School of Law, Government and Public Policy | 66.7% | 66.7% | = | Not Sig. |
| Ben Hill County | Fitzgerald High School | 74.2% | 72.7% | II | Not Sig. |
| Bibb County | Central High School | 87.7% | 78.3% | 11 | Decrease |
| Chatham County | Groves High School | 60.2% | 65.1% | •• | Not Sig. |
| DeKalb County | Towers High School | 65.6% | 72.1% | H | Not Sig. |
| Dougherty County | Albany High School | 81.0% | 77.9% | 11 | Not Sig. |
| Meriwether County | Greenville High School | 48.6% | 51.6% | II | Not Sig. |
| Richmond County | Butler High School | 60.0% | 54.5% | | Not Sig. |

Confidence interval for proportions--change in graduation rate from 2010 to 2011: p<.05

Yellow cells indicate rates that are equal to or above the state average for that year: 75.5 in 2010, 73.7 in 2011.

Red text indicates a statistically significant decrease in college enrollment from 2010 to 2011.

Not Sig. indicates not statistically significant change in college enrollment.

THE GOVERNOR'S OFFICE of STUDENT ACHIEVEMENT

Lowest Achieving Schools

Dashboard Preliminary Results 2010 - 2013

VI. Conclusion

At the end of the 2012-13 school year, the first group of Georgia's LAS completed their three years of turnaround. The second group finished its second of three years. The goal of this report is to show descriptive statistics on a range in leading and lagging indicators of performance. The data represent only snapshots of outcomes and should not be interpreted as a causal relationship with the LAS interventions. Once 2013-14 performance data are released, GOSA will publish an addendum to this report.

While some schools have made strides to improving student achievement, most schools have fallen short of the grant's expectations for dramatic increases in student achievement. The majority of schools had either no statistically significant change or a decrease in the percent of students missing fewer than six days of school during implementation. The same negative effect was seen in regards to student out-of-school suspension rates. The majority of schools either saw an increase in the percentage of students suspended or had no statistically significant change. In general, student dropout rate had declines less than one percentage point. Although a good number of schools had statistically significant increases in standardized test scores, the gains largely mirrored gains in the state averages. In addition, graduation rates have remained relatively unchanged in most schools.

Finally, the data points in this report should not be interpreted in isolation. As a result, GOSA is publishing two more reports that examine different aspects of the LAS work. First, in late 2014, GOSA will publish four case studies of LAS based upon interviews held in spring 2014. In summer 2015, GOSA will publish a quasi-experimental study on LAS middle schools, which will allow for more causal interpretations of outcomes from the interventions.



Dashboard Preliminary Results 2010 - 2013

VII. Appendix A. School Improvement Grant Eligibility Criteria

U.S. Department of Education Eligibility Criteria for SIG

School Improvement Grant Eligibility Criteria

Tier I schools: any Title I school in improvement, corrective action, or restructuring that:

- (1) is among the lowest-achieving 5% of those schools in the State (or the lowest- achieving five such schools); or
- (2) is a high school that has a three-year average graduation rate < 60%.

Calculations to identify **Tier I** schools were based on:

- (1) 2009-10 Title I schools in improvement, corrective action, and restructuring,
- (2) lack of progress in academic achievement over a two-year period for all students in reading/language arts and math combined

Tier II Schools: any secondary school that is eligible for, but does not receive, Title I, Part A funds and

- (1) is among the lowest-achieving 5% of such secondary schools in the State or the lowest- achieving five such secondary schools); or
- (2) is a high school that has a three-year average graduation rate <60%.

Calculations to identify Tier II schools were based on

- (1) Proficiency combined with lack of progress over time for all students
- (2) Proficiency based on combined scores for reading/language arts and math for all students
- (3) Lowest-achieving schools chosen from lowest to highest proficiency rates stopping at 5%

*SIG also defines Tier III eligibility. However, only Tier I and II schools were selected as lowest-achieving schools Source: Georgia Department of Education & Georgia's Race to the Top Application

Lowest Achieving Schools Dashboard Preliminary Results 2010 - 2013



VIII. Appendix B. Lowest-Achieving School Non-negotiable List

Each Race to the Top Lowest-Achieving School must:

- Allow a GaDOE school improvement specialist to provide direct supervision over grant implementation and be directly involved in decisions regarding the replacement of staff.
- Allow the GaDOE to conduct an intensive diagnostic of school needs (GAPSS) at the beginning and at the end of the grant.
- Participate in all relevant GaDOE and/or US ED professional learning or meetings (Summer Leadership Academy and other training for lowest-achieving schools).
- Hire at least one full time math coach.
- Hire at least one full-time graduation coach.
- Maintain or place a high performing principal who has autonomy over staffing and budgets.
- Add a minimum of 60 additional hours to the school year for all students.
- Establish a minimum of 60 minutes per week of common planning time for teachers without reducing time devoted to student instruction.
- Implement the new Teacher and Leader Effectiveness Systems (TKES and LKES).
- Implement the Common Core Georgia Performance Standards (CCGPS) and use Georgia's Frameworks in core academic subjects.
- Implement an assessment plan aligned to CCGPS and use assessment results to inform curriculum, instruction and individual interventions.

Adapted from: Georgia Department of Education, "Non-Negotiable Contract Elements and Customized Contract Expectations for School Improvement and Race to the Top (Lowest-Achieving Schools)," July 1, 2012.



Dashboard Preliminary Results 2010 - 2013

IX. Appendix B. Confidence Interval for Proportions Formula

To calculate the statistical significance between the schools indicator average the year before implementation to the most recent school year with available date GOSA used the formula for the 95% confidence interval for proportions retooled to calculate the z score rather than obtaining the actual interval.

$$z = \frac{\text{Final Year \% - First Year \%}}{\sqrt{(\text{First Year \%} * (1 - \text{First Year \%}))/(\text{Final Year n})}}$$

If z <= 1.96, the final year is worse than the first year. If z >= 1.96, the final year is better than the first year. If z >- 1.96 & z < 1.96, there is no statistical difference.