## 2014-15 Performance and Growth of North Carolina Public Schools

## Executive Summary <br> (September 2, 2015)

## Statistical Summary of Results

This report provides growth and performance data for the 2014-15 school year based on analysis of all end-of-grade (EOG) tests and end-of-course (EOC) tests, which are aligned to the North Carolina Standard Course of Study in English Language Arts/Reading and Mathematics and the Essential Standards in Science, for all public schools and public charter schools. The following data are presented:

1. Growth: Reporting if schools exceeded, met, or did not meet growth expectations as defined and calculated in EVAAS
2. Performance: Reporting how schools performed on assessments, high school indicators, and School Performance Grades
3. Progress: Reporting if schools met or did not meet performance and participation targets set for each of the Annual Measurable Objectives (AMO)

Schools not included in the report may not have any tested grades or may have a transient or very small student population. Typically these schools are K-2 schools, special education schools, vocational/career schools, and hospital schools.

## Section I. Growth Results

For the 2014-15 school year, school accountability growth results are presented for 2,496 of the 2,535 public schools that participated in the statewide testing program. Using all EOG and EOC test scores, school accountability growth is calculated using EVAAS, a value-added growth tool. Each school with the required data is designated as having exceeded growth, met growth, or not meet growth. The results for school accountability growth are shown in Table 1.

Table 1. 2014-15 School Accountability Growth

| Growth Category | Number | Percent |
| :--- | :---: | :---: |
| Exceeded Expected Growth | 689 | $27.6 \%$ |
| Met Expected Growth | 1,116 | $44.7 \%$ |
| Did Not Meet Growth | 691 | $27.7 \%$ |

## Section II. Performance Results

The 2014-15 school year is the third year of the implementation of assessments aligned to college and career readiness content standards, and it is the second year that the academic achievement standards have been reported as (1) Level 4 and above: on track for being prepared for college and career at the conclusion of high school and (2) Level 3 and above: demonstrating preparedness to be successful at the next grade level. To report student performance since 2012-13, the first year the tests were implemented, College and Career Readiness in 2012-13 (Level 3 and above) may be compared to College and Career Readiness in 2013-14 and 2014-15 (Level 4 and above). As shown in Figure 1, there has been a consistent increase each year in the
percent of students demonstrating college and career readiness on the reading and mathematics tests for grades 3-8.


Figure 1. End-of-Grade State-Level Performance Results in Both Reading and Mathematics, Mathematics, and Reading (Level 4 and above-College and Career Readiness Standard)

With Grade Level Proficiency (Level 3 and above) being implemented for the first time in 2013-14, there are only two years to compare: 2013-14 and 2014-15. As presented in Figure 2, Both Reading and Mathematics and Mathematics Only had an increase from the previous year in 2014-15.


Figure 2. End-of-Grade State-Level Performance Results in Both Reading and Mathematics, Mathematics, and Reading (Level 3 and above-Grade Level Proficient Standard)

Figures 3 through 8 show current year data and previous years' data for College and Career Readiness (Level 4 and above) and for Grade Level Proficiency (Level 3 and above) for each grade and subject. For reading at grades 3-8, some grade levels had an increase in the percent of students meeting College and Career Readiness or Grade Level Proficiency. For mathematics at grades 3-8 and science at grades 5 and 8, all grade levels had a higher percent of proficient students than the previous year, for both College and Career Readiness and for Grade Level Proficiency. Of the three EOC tests (Figure 8), Math I had a higher percent of students proficient than the previous year for College and Career Readiness.


Figure 3. End-of-Grade Reading Performance by Grade (Level 4 and above-College and Career Readiness Standard)


Figure 4. End-of-Grade Reading Performance by Grade (Level 3 and above—Grade Level Proficient Standard)


Figure 5. End-of-Grade Mathematics Performance by Grade (Level 4 and above-College and Career Readiness Standard)


Figure 6. End-of-Grade Mathematics Performance by Grade (Level 3 and above—Grade Level Proficient Standard)


College and Career Readiness

Grade Level Proficient

Figure 7. End-of-Grade Science Performance by Grade (Level 4 and above-College and Career Readiness Standard and Level 3 and above-Grade Level Proficient Standard)


Figure 8. End-of-Course Performance by Subject (Level 4 and above-College and Career Readiness Standard and Level 3 and above-Grade Level Proficient Standard)

State-level results for other high school indicators: The ACT, ACT WorkKeys, Students Passing Math III, and the Graduation Project are presented in Table 2. Of the high school indicators, the largest increase was ACT WorkKeys with an increase of $4.6 \%$ when compared to 2013-14.

Table 2. State-Level Performance for the High School Indicators

| Indicator | Benchmark Definition | 2013-14 <br> Percent <br> Meeting <br> Benchmark | 2014-15 <br> Percent <br> Meeting <br> Benchmark |
| :--- | :--- | :---: | :---: |
| The ACT | Percent of grade 11 participating <br> students who meet the UNC System <br> minimum admission requirement of a <br> composite score of 17 | $59.3 \%$ | $59.7 \%$ |
| ACT WorkKeys | Percent of graduates who are Career <br> and Technical Education (CTE) <br> concentrators who earn a Silver <br> Certificate or higher | $67.6 \%$ | $72.2 \%$ |
| Students Passing <br> Math III | Percent of graduates who successfully <br> complete Math III (Algebra II or <br> Integrated Mathematics III) | $>95 \%$ | $>95 \%$ |
| Graduation <br> Project | Percent of high schools that <br> implemented a graduation project | $44.2 \%$ | $36.2 \%$ |

## Section III. Progress Results

AMO are progress targets for student subgroups. Targets are calculated as specified in North Carolina's Elementary and Secondary Education Act (ESEA) Flexibility Waiver, with 2012-13 as the baseline year and the first target year. Using the 2012-13 state mean as the starting point, the AMO targets were set to reduce by one-half the percent of students who are not-proficient within six years. The AMO reports include targets for reading, mathematics, science, math course rigor, The ACT, and ACT WorkKeys. In addition, schools have AMO targets for graduation rate or attendance.

It is required that the number of AMO targets for each school and the number and percent met is reported. AMO targets are set for the following subgroups: School as a Whole (All Students); American Indian; Asian; Black; Hispanic; Two or More Races; White; Economically Disadvantaged; Limited English Proficient; Students with Disabilities; and Academically or Intellectually Gifted. Performance and participation are reported for each identified subgroup. For performance, each subgroup must meet or exceed the state's percent proficient targets. For participation, schools must have at least $95 \%$ of its students participate in the assessments. In addition, the schools must show progress by subgroup on the graduation rate. If a school does not have a graduation rate, then it must show progress on the attendance rate for the school as a whole.

Table 3 and Table 4 show the number and percent of schools by AMO targets met and not met overall.

Table 3. AMO Targets

|  | Number of Schools | Percent of Schools |
| :--- | :---: | :---: |
| Met All Targets | 392 | $15.6 \%$ |
| Did Not Meet All Targets | 2,114 | $84.4 \%$ |
| Total | 2,506 | $100.0 \%$ |

Table 4. The Number and Percent of Schools by Percent of Targets Met

| Percent AMO Targets Met | Number of Schools | Percent of Schools |
| :---: | :---: | :---: |
| $0-49.9$ | 41 | $1.6 \%$ |
| $50-59.9$ | 428 | $17.1 \%$ |
| $60-69.9$ | 511 | $20.4 \%$ |
| $70-79.9$ | 479 | $19.1 \%$ |
| $80-89.9$ | 364 | $14.5 \%$ |
| $90-100$ | 683 | $27.3 \%$ |

Participation is a required part of AMO target reporting. In the ESEA waiver, North Carolina committed to holding schools to a 95\% participation rate and to apply consequences to schools that do not meet the targets by subgroup. Schools are labeled "Consistently Low Participating" if they miss a participation target for a second consecutive year. These schools must create and submit a plan for ensuring that the missed subgroup(s) will meet participation expectations in the coming year. As part of the ESEA Flexibility Waiver and beginning with 2014-15, schools are identified as "Focus Schools" if they fail to meet participation target(s) for a third consecutive year. Schools with the Focus School designation must send a letter to notify parents of the inadequate participation. The letter must include information on a plan to ensure full participation for subsequent administrations.

This year 118 schools are labeled Consistently Low Participating.
This year 111 schools are labeled Focus Schools for missing participation targets.
AMO results are shown by the schools' growth statuses in Table 5. Schools must have a growth status to be included in this table.

Table 5. AMOs by School-Growth Status

|  | AMO Targets |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Met All |  | Did Not Meet All |  |
| Category | Number | Percent | Number | Percent |
| Exceeded Growth | 138 | $20.0 \%$ | 551 | $80.0 \%$ |
| Met Growth | 185 | $16.7 \%$ | 922 | $83.3 \%$ |
| Did Not Meet Growth | 58 | $8.5 \%$ | 627 | $91.5 \%$ |

Table 6. The Number and Percentage of School-Level Targets Met By Subgroup

|  | All AMOs |  |  |
| :--- | :---: | :---: | :---: |
| AMO Subgroup | Number <br> Targets Met | Total Number <br> of Targets | Percent <br> Targets Met |
| All Students | 15,254 | 20,030 | $76.2 \%$ |
| American Indian | 235 | 362 | $64.9 \%$ |
| Asian | 803 | 938 | $85.6 \%$ |
| Black | 6,760 | 9,636 | $70.2 \%$ |
| Hispanic | 5,048 | 6,892 | $73.2 \%$ |
| Multi-racial | 782 | 939 | $83.3 \%$ |
| White | 11,019 | 14,199 | $77.6 \%$ |
| Economically Disadvantaged | 10,703 | 14,858 | $72.0 \%$ |
| Limited English Proficient | 1,410 | 1,985 | $71.0 \%$ |
| Students with Disabilities | 4,916 | 7,111 | $69.1 \%$ |
| Academically Intellectually Gifted | 6,625 | 7,221 | $91.7 \%$ |

## Section IV. School Performance Grades (A-F)

Beginning with the 2013-14 school year data, per legislation (G.S. §115C-83.15) passed during the 2013 long session of the North Carolina General Assembly, School Performance Grades (A-F) based on test scores, and high schools’ additional indicators that measure college and career readiness, are reported for schools in North Carolina.

The School Performance Grades are based on student achievement (80\%) and growth (20\%). The indicators and the proficiency standard or benchmark used for achievement include:

1. Annual EOG mathematics and reading assessments in grades $3-8$ and science assessments in grades 5 and 8 (Level 3 and above)
2. Annual EOC assessments in Math I, Biology, and English II (Level 3 and above)
3. The percentage of graduates who complete Math III, Algebra II, or Integrated Math III with a passing grade
4. The percentage of grade 11 students who achieve the minimum score required for admission into a constituent institution of The University of North Carolina on The ACT (composite score of 17)
5. The percentage of graduates identified as Career and Technical Education concentrators who meet the Silver Certificate or higher on the ACT WorkKeys assessment
6. The percentage of students who graduate within four years of entering high school (Standard [4-Year] Cohort Graduation Rate)

The EVAAS model, which provides the growth measure, uses current and previous student test data to determine whether schools are maintaining or increasing student achievement from one year to the next. In the event that a school does not have a Growth Score, only the School Achievement Score is used to calculate the Performance Score. For the final Performance Score and Grade, if a school’s growth designation is Meets or Exceeds Expected Growth, but the inclusion of the school's Growth Score reduces the school's Performance Score and Grade, only the School Achievement Score may be used for the Performance Score and Grade. For 2014-15, there were eleven (11) schools that met this exception, and growth was not included in their final grade calculation.

For 2014-15, the grade designations are set on a 15 point scale as follows:

$$
\begin{array}{|l|l|l|l|l|}
\hline \mathbf{A}=85-100 & \mathbf{B}=70-84 & \mathbf{C}=55-69 & \mathbf{D}=40-54 & \mathbf{F}=39 \text { or Less } \\
\hline
\end{array}
$$

Schools that earn an A designation and do not have significant achievement and/or graduation gaps are designated as an $\mathrm{A}^{+N G}$ school. Significant achievement and graduation gaps are defined as in-school gaps that are above the three-year state average when averaging gaps in the previous year and at least one of the two prior years between the highest-achieving subgroup and lowestachieving subgroup.

Following is the state-level distribution of School Performance Grades, including the reading and mathematics grades for the K-8 schools and secondary analyses on growth, school type, poverty, and State Board of Education districts.

## Section V. Overall School Performance Grades

Of the 2,586 public schools and public charter schools, 2,446 received School Performance Grades for the 2014-15 school year. The 140 schools not included in the report may not have any tested grades or may have a transient or very small student population. Typically these schools are K-2 schools, special education schools, and some alternative schools. Table 7 and Figure 9 provide the number and percent of the 2,446 schools that received each letter grade (AF). The majority of all schools received a letter grade of C or better. Compared to 2013-14, there were an additional 26 schools that earned an $A / A^{+N G}$.

To be eligible for the $\mathrm{A}^{+\mathrm{NG}}$ designation, a school must have at least 30 students in two subgroups. In 2014-15, there were 72 schools that achieved an A but did not have enough data for the achievement gap calculation. Of the 86 schools with sufficient data for the analysis, 69 schools did not have significant gaps and were identified as an $\mathrm{A}^{+\mathrm{NG}}$ school.

Table 7. Performance Grade by School (Public Schools and Public Charter Schools)*

| Overall Grade | Number of <br> Schools <br> $\mathbf{2 0 1 3 - 1 4}$ | Percent of <br> Schools <br> $\mathbf{2 0 1 3 - 1 4}$ | Number of <br> Schools <br> $\mathbf{2 0 1 4 - 1 5}$ | Percent of <br> Schools <br> $\mathbf{2 0 1 4 - 1 5}$ |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbf{A}^{+N G}$ | NA | NA | 69 | 2.8 |
| A | 132 | 5.4 | 89 | 3.6 |
| B | 582 | 24.0 | 584 | 23.9 |
| C | 1,003 | 41.4 | 1,022 | 41.8 |
| D | 561 | 23.1 | 536 | 21.9 |
| F | 146 | 6.0 | 146 | 6.0 |
| Total | 2,424 |  | 2,446 |  |

*Due to rounding, the percent of schools may not total 100\%.


Figure 9. Performance grades by all schools
Table 8 and Figure 10 show letter grades broken out by public schools and by public charter schools. Public schools had a lower percent of schools with D and F grades (27.8\%) than public charter schools (29.6\%). Public charters had a higher percent of A/A ${ }^{+N G}$ and B grades (48.6\%) than public schools (29.2\%).

Table 8. Performance Grades by Public Schools and by Public Charter Schools*

| Overall <br> Grade | Public Schools |  | Public Charter Schools |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent |
| $\mathbf{A}^{\text {+NG }}$ | 57 | 2.5 | 12 | 8.5 |
| A | 82 | 3.6 | 7 | 4.9 |
| B | 534 | 23.2 | 50 | 35.2 |
| C | 991 | 43.0 | 31 | 21.8 |
| D | 512 | 22.2 | 24 | 16.9 |
| F | 128 | 5.6 | 18 | 12.7 |
| Total | 2,304 |  | 142 |  |

*Due to rounding, the percent of schools may not total 100\%.

Public Schools


Public Charter Schools


Figure 10. Performance grades for public schools and public charter schools
Table 9 and Figure 11 show the distribution of school grades by school type. School type is defined as follows: elementary (any school with a grade configuration up to grade 5), middle (any school with a grade configuration up to grade 8), and high (any school with a grade configuration up to grade 12 or ungraded). The elementary and middle schools' achievement scores are based only on test scores. Consistently increasing when compared to last year, 67.7\% of the elementary and middle schools earned a grade of C or better, $25.1 \%$ earned a B or better, and $3.2 \%$ earned an $\mathrm{A} / \mathrm{A}^{+\mathrm{NG}}$. The most improvement in grades was at the high school level where $17.3 \%$ of high schools earned an $\mathrm{A} / \mathrm{A}^{+\mathrm{NG}}$, compared to $13.1 \%$ last year. Likewise, of the 26 schools that earned an $\mathrm{A} / \mathrm{A}^{+\mathrm{NG}}$ for the first time in 2014-15, 23 were high schools.

Table 9. Performance Grade by School Type (Public Schools and Public Charter Schools)*

| Grade | Elementary and <br> Middle |  | Elementary |  | Middle |  | High |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
|  | 36 | 1.9 | 26 | 2.1 | 10 | 1.5 | 33 | 5.9 |
| A | 25 | 1.3 | 13 | 1.1 | 12 | 1.8 | 64 | 11.4 |
| B | 412 | 21.9 | 294 | 24.2 | 118 | 17.6 | 172 | 30.6 |
| C | 802 | 42.6 | 528 | 43.5 | 274 | 41.0 | 220 | 39.1 |
| D | 478 | 25.4 | 279 | 23.0 | 199 | 29.7 | 58 | 10.3 |
| F | 131 | 7.0 | 75 | 6.2 | 56 | 8.4 | 15 | 2.7 |
| Total | 1884 |  | 1,215 |  | 669 |  | 562 |  |

*Due to rounding the percent of schools may not total 100\%.

Elementary School
Performance Grades


Middle School Performance Grades

High School Performance Grades


Figure 11. Performance grades by school type

## Section VI. Growth and School Performance Grades (Public Schools and Public Charter Schools)

Though only counted as $20 \%$ of the overall School Performance Grade, the amount of growth a school's students demonstrate for the year indicates the school's success in moving student achievement forward, a key criterion for sustained improvement. For 2014-15, 72.3\% of all schools, public and public charter, met or exceeded growth expectations for 2014-15. Table 10 and Figure 12 provide the percent of schools for each growth designation by school type.

Table 10. Growth Status by School Type (Public Schools and Public Charter Schools)

| Growth Status | Elementary School |  | Middle School |  | High School |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent | Number | Percent |
| Exceeds Expected Growth | 290 | 23.9 | 212 | 31.7 | 184 | 33.6 |
| Meets Expected Growth | 654 | 53.8 | 249 | 37.3 | 191 | 34.9 |
| Does Not Meet Expected <br> Growth | 271 | 22.3 | 207 | 31.0 | 173 | 31.6 |
| Total | 1,215 |  | 668 |  | 548 |  |

Elementary School

$\square$ Exceeds $\square$ Meets $\square$ Does Not Meet

Figure 12. Growth status by school type
Data shows that of the 2,431 schools with both a School Performance Grade and a school accountability growth status, 1,780 (73.2\%) met or exceeded growth, and of those schools: 149 (8.4\%) earned an $\mathrm{A} / \mathrm{A}^{+\mathrm{NG}}$, 513 (28.8\%) earned a B, and 741 (41.6\%) earned a C (see Table 11 and Figure 13).

Table 11. Performance Grade by School Accountability Growth (Public Schools and Public Charter Schools)

| Grade | Meets or Exceeds <br> Expected Growth |  | Exceeds Expected <br> Growth |  | Meets Expected <br> Growth |  | Does Not Meet <br> Expected Growth |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| $\mathbf{A}^{\text {+NG }}$ | 68 | 3.8 | 41 | 6.0 | 27 | 2.5 | 1 | 0.2 |
| A | 81 | 4.6 | 49 | 7.1 | 32 | 2.9 | 1 | 0.2 |
| B | 513 | 28.8 | 232 | 33.8 | 281 | 25.7 | 70 | 10.8 |
| C | 741 | 41.6 | 269 | 39.2 | 472 | 43.1 | 280 | 43.0 |
| D | 317 | 17.8 | 92 | 13.4 | 225 | 20.6 | 219 | 33.6 |
| F | 60 | 3.4 | 3 | 0.4 | 57 | 5.2 | 80 | 12.3 |
| Total | 1,780 |  | 686 |  | 1,094 |  | 651 |  |

*Due to rounding the percent of schools may not total 100\%.



Figure 13. Performance grades of schools by growth designations

## Section VII. Performance Grade by School Poverty Percentage (Public Schools and Public Charter Schools)

Data for the poverty percentages were available for 2,441 schools. Table 12 and Figure 14 show the distribution of letter grades for schools reporting poverty at $50 \%$ or more of their students and for schools reporting poverty less than $50 \%$ of their students. Schools with greater poverty earned fewer A/A ${ }^{+N G}$ 's and B's and earned more C's, D's, and F's than schools with less poverty.

Table 12. Number and Percent of Schools by Letter Grade and School Poverty Percentage (Public Schools and Public Charter Schools)*

| Grade | Total <br> Number <br> of Schools | Schools with 50\% or <br> More Poverty |  | Schools with Less than <br> $\mathbf{5 0 \%}$ Poverty |  | Percent <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number | Percent | Number | Percent |  |
| $\mathbf{A}^{\text {+NG }}$ | 69 | 7 | 10.1 | 62 | 89.9 | 100 |
| A | 87 | 17 | 19.5 | 70 | 80.5 | 100 |
| B | 583 | 145 | 24.9 | 438 | 75.1 | 100 |
| C | 1,021 | 723 | 70.8 | 298 | 29.2 | 100 |
| D | 536 | 506 | 94.4 | 30 | 5.6 | 100 |
| F | 145 | 143 | 98.6 | 2 | 1.4 | 100 |
| Total | 2,441 | 1,541 |  | 900 |  |  |

*Data Source: 2014-15 Eligible School Summary Report
Grades by School Poverty Percentage


Figure 14. Bar graph showing school performance grades by school poverty percentage

Section VIII: Reading and Mathematics Performance Grades for Elementary and Middle Schools

Schools with grades 3-8 report a separate School Performance Grade for reading and for mathematics based on the EOG test scores. Like the overall School Performance Grades, the reading and mathematics grades include achievement (80\%) and growth (20\%). Table 13 and Figure 15 provide this information by the number and percent of grades earned for all schools. $\mathrm{A}^{+\mathrm{NG}}$ designations are not assigned to reading and mathematics performance grades.

Table 13. Number and Percent of Schools' Reading and Mathematics Letter Grades (Public Schools and Public Charter Schools)*

| Grade | Reading |  | Mathematics |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent |
| A | 48 | 2.4 | 66 | 3.4 |
| B | 409 | 20.8 | 374 | 19.1 |
| C | 820 | 41.8 | 725 | 37.0 |
| D | 563 | 28.7 | 551 | 28.1 |
| F | 122 | 6.2 | 246 | 12.5 |
| Total | 1,962 |  | 1,962 |  |

*Due to rounding, the percent of schools may not total 100\%.


Figure 15. Performance grades for reading and mathematics
Table 14 and Figure 16 show the distribution of reading grades for public schools and public charter schools.

Table 14. Number and Percent of Reading Grades by Public Schools and Public Charter Schools*

|  | Public Schools |  | Public Charter Schools |  |
| :---: | :---: | :---: | :---: | :---: |
| Grade | Number | Percent | Number | Percent |
| A | 38 | 2.1 | 10 | 7.5 |
| B | 349 | 19.1 | 60 | 44.8 |
| C | 791 | 43.3 | 29 | 21.6 |
| D | 538 | 29.4 | 25 | 18.7 |
| F | 112 | 6.1 | 10 | 7.5 |
| Total | 1,828 |  | 134 |  |

*Due to rounding, the percent of schools may not total 100\%.

Reading Grades
Public Schools


Reading Grades Public Charter Schools


Figure 16. Distribution of reading grades for public schools and public charter schools
Table 15 and Figure 17 show the distribution of mathematics grades for public schools and public charter schools.

Table 15. Mathematics Grades by Public Schools and Public Charter Schools

| Grade | Public Schools |  | Public Charter Schools |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number | Percent | Number | Percent |
| A | 57 | 3.1 | 9 | 6.7 |
| B | 342 | 18.7 | 32 | 23.9 |
| C | 685 | 37.5 | 40 | 29.9 |
| D | 525 | 28.7 | 26 | 19.4 |
| F | 219 | 12.0 | 27 | 20.1 |
| Total | 1,828 |  | 134 |  |

Mathematics Grades
Public Schools


Mathematics Grades
Public Charter Schools


Figure 17. Distribution of mathematics grades for public schools and public charter schools
Table 16 and Figure 18 show the distribution of reading grades for schools reporting poverty at $50 \%$ or more of their students and for schools reporting poverty less than 50 percent of their students.

Table 16. Number and Percent of Schools by Reading Grade and School Poverty Percentage

|  | Total <br> Number <br> Grade | Schools with 50\% or <br> More Poverty |  | Schools with Less than <br> $\mathbf{5 0 \%}$ Poverty |  | Percent <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number | Percent | Number | Percent |  |
| A | 48 | 1 | 2.0 | 47 | 98.0 | 100 |
| B | 409 | 92 | 22.5 | 317 | 77.5 | 100 |
| C | 820 | 566 | 69.0 | 253 | 30.9 | 100 |
| D | 563 | 545 | 97.0 | 18 | 3.2 | 100 |
| F | 122 | 119 | 97.5 | 2 | 1.6 | 100 |
| Total | 1,962 | 1,323 |  | 637 |  |  |

# Reading Grades by School Poverty Percentage 



Figure 18. Reading grades by school poverty percentage
Table 17 and Figure 19 show the distribution of mathematics grades for schools reporting poverty at $50 \%$ or more of their students and for schools reporting poverty less than 50 percent of their students.

Table 17. Number and Percent of Schools by Mathematics Grade and School Poverty Percentage

| Grade | Total <br> Number <br> of Schools | Schools with 50\% or <br> More Poverty |  | Schools with Less than <br> $\mathbf{5 0 \%}$ Poverty |  | Percent <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number | Percent | Number | Percent |  |
| A | 66 | 7 | 10.6 | 59 | 89.4 | 100 |
| B | 374 | 113 | 30.2 | 261 | 69.8 | 100 |
| C | 725 | 488 | 67.3 | 237 | 32.7 | 100 |
| D | 551 | 481 | 87.3 | 69 | 12.5 | 100 |
| F | 246 | 234 | 95.1 | 11 | 4.5 | 100 |
| Total | 1,962 | 1,323 |  | 637 |  |  |

# Mathematics Grades by School Poverty Percentage 



Figure 19. Mathematics grades by school poverty percentage
Section IX. Performance Grades by State Board Districts (Public Schools and Public Charter Schools)

The distributions of School Performance Grades, Growth Designations, Reading Grades, and Mathematics Grades by State Board of Education districts are presented in Tables 18-21.

Table 18. Number and Percent of School Performance Grades (A-F) by State School Board District*

| District |  | Overall Performance Grade |  |  |  |  |  | Total Schools |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\mathrm{A}^{+\mathrm{NG}}$ | A | B | C | D | F |  |
| Northeast | Number | 0 | 4 | 24 | 68 | 48 | 16 | 160 |
|  | Percent | 0.0 | 2.5 | 15.0 | 42.5 | 30.0 | 10.0 |  |
| Southeast | Number | 5 | 9 | 48 | 100 | 59 | 11 | 232 |
|  | Percent | 2.2 | 3.9 | 20.7 | 43.1 | 25.4 | 4.7 |  |
| North Central | Number | 22 | 17 | 127 | 196 | 124 | 39 | 525 |
|  | Percent | 4.2 | 3.2 | 24.2 | 37.3 | 23.6 | 7.4 |  |
| Sandhills | Number | 0 | 8 | 39 | 112 | 76 | 20 | 255 |
|  | Percent | 0.0 | 3.1 | 15.3 | 43.9 | 29.8 | 7.8 |  |
| PiedmontTriad | Number | 14 | 16 | 83 | 196 | 86 | 28 | 423 |
|  | Percent | 3.3 | 3.8 | 19.6 | 46.3 | 20.3 | 6.6 |  |
| Southwest | Number | 22 | 24 | 138 | 167 | 109 | 30 | 490 |
|  | Percent | 4.5 | 4.9 | 28.2 | 34.1 | 22.2 | 6.1 |  |
| Northwest | Number | 3 | 2 | 54 | 101 | 21 | 2 | 183 |
|  | Percent | 1.6 | 1.1 | 29.5 | 55.2 | 11.5 | 1.1 |  |
| Western | Number | 3 | 9 | 71 | 82 | 13 | 0 | 178 |
|  | Percent | 1.7 | 5.1 | 39.9 | 46.1 | 7.3 | 0.0 |  |

*Due to rounding, the percent of schools may not total 100\%.

Table 19. Number and Percent of School Growth Designations by State School Board District*

| District |  | Growth Status |  |  | Total Schools |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Exceeds | Meets | Does Not Meet |  |
| Northeast | Number | 38 | 79 | 41 | 158 |
|  | Percent | 24.1 | 50 | 25.9 |  |
| Southeast | Number | 73 | 103 | 56 | 232 |
|  | Percent | 31.5 | 44.4 | 24.1 |  |
| North Central | Number | 140 | 212 | 170 | 522 |
|  | Percent | 26.8 | 40.6 | 32.6 |  |
| Sandhills | Number | 82 | 108 | 65 | 255 |
|  | Percent | 32.2 | 42.4 | 25.5 |  |
| PiedmontTriad | Number | 114 | 199 | 105 | 418 |
|  | Percent | 27.3 | 47.6 | 25.1 |  |
| Southwest | Number | 152 | 204 | 132 | 488 |
|  | Percent | 31.1 | 41.8 | 27 |  |
| Northwest | Number | 54 | 91 | 36 | 181 |
|  | Percent | 29.8 | 50.3 | 19.9 |  |
| Western | Number | 33 | 98 | 46 | 177 |
|  | Percent | 18.6 | 55.4 | 26 |  |

*Due to rounding, the percent of schools may not total $100 \%$.
Table 20. Number and Percent of Reading Grades by State School Board District*

| District | Reading Grade |  |  |  |  |  | Total Schools |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | A | $\mathbf{B}$ | $\mathbf{C}$ | $\mathbf{D}$ | F |  |  |
| Northeast | Number | 2 | 13 | 41 | 54 | 13 | 123 |
|  | Percent | 1.6 | 10.6 | 33.3 | 43.9 | 10.6 |  |
| Southeast | Number | 5 | 26 | 91 | 52 | 11 | 185 |
|  | Percent | 2.7 | 14.1 | 49.2 | 28.1 | 5.9 |  |
| North <br> Central | Number | 15 | 102 | 156 | 130 | 27 | 430 |
|  | Percent | 3.5 | 23.7 | 36.3 | 30.2 | 6.3 |  |
| Sandhills | Number | 0 | 24 | 83 | 86 | 15 | 208 |
|  | Percent | 0 | 11.5 | 39.9 | 41.3 | 7.2 |  |
| Piedmont- <br> Triad | Number | 4 | 56 | 147 | 102 | 27 | 336 |
|  | Percent | 1.2 | 16.7 | 43.8 | 30.4 | 8 |  |
| Southwest | Number | 21 | 106 | 130 | 111 | 27 | 395 |
|  | Percent | 5.3 | 26.8 | 32.9 | 28.1 | 6.8 |  |
| Northwest | Number | 0 | 30 | 99 | 16 | 2 | 147 |
|  | Percent | 0 | 20.4 | 67.3 | 10.9 | 1.4 |  |
| Western | Number | 1 | 52 | 73 | 12 | 0 | 138 |
|  | Percent | 0.7 | 37.7 | 52.9 | 8.7 | 0 |  |

*Due to rounding, the percent of schools may not total 100\%.

Table 21. Number and Percent of Mathematics Grades by State School Board District*

| District | Mathematics Grade |  |  |  |  | Total Schools |  |
| :---: | :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | A | B | C | $\mathbf{D}$ | F |  |  |
| Northeast | Number | 1 | 12 | 31 | 51 | 28 | 123 |
|  | Percent | 0.8 | 9.8 | 25.2 | 41.5 | 22.8 |  |
| Southeast | Number | 4 | 24 | 71 | 64 | 22 | 185 |
|  | Percent | 2.2 | 13 | 38.4 | 34.6 | 11.9 |  |
| North <br> Central | Number | 18 | 96 | 150 | 105 | 61 | 430 |
|  | Percent | 4.2 | 22.3 | 34.9 | 24.4 | 14.2 |  |
| Sandhills | Number | 2 | 22 | 70 | 75 | 39 | 208 |
|  | Percent | 1 | 10.6 | 33.7 | 36.1 | 18.8 |  |
| Piedmont- <br> Triad | Number | 9 | 53 | 139 | 95 | 40 | 336 |
|  | Percent | 2.7 | 15.8 | 41.4 | 28.3 | 11.9 |  |
| Southwest | Number | 28 | 101 | 125 | 93 | 48 | 395 |
|  | Percent | 7.1 | 25.6 | 31.6 | 23.5 | 12.2 |  |
| Northwest | Number | 0 | 27 | 77 | 35 | 8 | 147 |
|  | Percent | 0 | 18.4 | 52.4 | 23.8 | 5.4 |  |
| Western | Number | 4 | 39 | 62 | 33 | 0 | 138 |
|  | Percent | 2.9 | 28.3 | 44.9 | 23.9 | 0 |  |

*Due to rounding, the percent of schools may not total $100 \%$.

## Section X. Alternative Schools

In consideration of the limited data available for alternative schools, State Board of Education policy provides an alternative accountability model for alternative schools to report their overall achievement and growth performance, in lieu of required participation in School Performance Grades. Schools in this model include alternative schools, North Carolina Department of Public Instruction (NCDPI)-approved special education schools, and schools identified as Developmental Day Centers. Table 22 provides information on the options selected by the alternative schools.

Table 22. Alternative Accountability Model Options

| SBE Policy <br> Selection | Number of Schools | Description of Option and Outcomes |
| :---: | :---: | :--- |
| Option A | 1 | Participate in School Performance Grades |
| Option B | 3 | All data sent back to base schools |
| Option C | 83 | Alternative Progress Model-2015 is baseline year; <br> therefore, all schools receive the Maintaining designation |
| Option D | 9 | Schools submitted individual reports to NCDPI |
| Total | 96 |  |

The results of the schools that chose Option C or Option D are located at http://www.ncpublicschools.org/accountability/reporting/.

## Section XI. State Board of Education Goals

The State Board of Education (SBE) implemented a strategic plan with the vision that "every public school student will graduate ready for post-secondary education and work, prepared to be globally engaged and productive citizens." Table 23 provides information showing results based on the goals set.

Table 23. State Board of Education Goals

| Objective | Measure | 2013-14 <br> Actual | 2014-15 <br> Target | 2014-15 <br> Actual |
| :---: | :--- | :---: | :---: | :---: |
| 1.2 | 1.2 .1 The ACT (Minimum 17 <br> Composite) | 59.3 | 66.9 | 59.7 |
| 1.3 | 1.3 .1 ACT WorkKeys (Silver or Better) | 67.6 | 69.3 | 72.2 |
| 1.5 | 1.5.1 Percent Proficient (EOG/EOC)* | 46.2 | 51.7 | 46.9 |
| 1.5 | 1.5.2 School Growth (Meet/Exceed) | 74.7 | 75.0 | 72.3 |
| 2.4 | 2.4.1 Charter Schools 60\% or higher <br> Performance Composite | 32.0 | 51.7 | 39.9 |
| 2.4 | 2.4.2 Charter Schools' Growth <br> (Meet/Exceed) | 75.6 | 75.0 | 73.4 |
| 2.5 | 2.5.1 School Performance Composite <br> above 60\% and Growth (Meet/Exceed) | 16.4 | 30.0 | 17.1 |

*Based on Level 4 and above (college and career readiness standard)

Accountability Performance Results are presented for 2,535 of 2,589 public schools at http://www.ncpublicschools.org/accountability/reporting/.

