

## 2013–14 School Performance Grades (A–F) for North Carolina Public Schools

### Executive Summary (February 5, 2015)

#### Statistical Summary of Results

On September 4, 2014, the North Carolina Department of Public Instruction released school, district, and state accountability results for end-of-grade (EOG) and end-of-course (EOC) assessments administered in the 2013–14 school year. In addition, 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 for high schools additional indicators that measure college-and-career readiness, are being reported.

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 end-of-grade (EOG) mathematics and reading assessments in grades 3–8 and science assessments in grades 5 and 8 (Level 3 and above)
2. Annual end-of-course (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, the School Achievement Score only may be used for the Performance Score and Grade. For 2013–14, there were seven (7) schools that met this exception, and growth was not included in their final grades.

For 2013–14, the grade designations are set on a 15 point scale as follows:

<b>A</b> = 85–100	<b>B</b> = 70–84	<b>C</b> = 55–69	<b>D</b> = 40–54	<b>F</b> = 39 or Less
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This report provides 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 regions.

**Section I. Overall School Performance Grades**

Of the 2,565 public schools and public charter schools, 2,424 received School Performance Grades for the 2013–14 school year. The 141 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 alternative schools. Table 1 and Figure 1 provide the number and percent of the 2,424 schools that received each letter grade (A–F). The majority of all schools received a letter grade of C or better.

Table 1. *Performance Grade by School (Public Schools and Public Charter Schools)\**

Overall Grade	Number of Schools	Percent of Schools
A	132	5.4
B	582	24.0
C	1,003	41.4
D	561	23.1
F	146	6.0
Total	2,424	

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

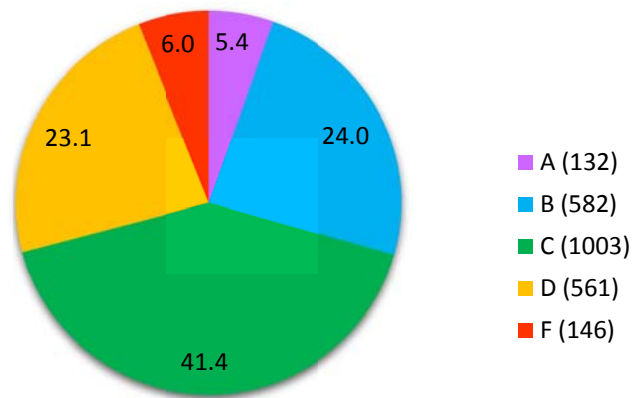


Figure 1. Performance grades by all schools

Table 2 and Figure 2 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 (29.0%) than public charter schools (31.2%). Public charters had a higher percent of A and B grades (40.8%) than public schools (28.8%).

Table 2. *Performance Grades by Public Schools and by Public Charter Schools\**

Overall Grade	Public Schools		Public Charter Schools	
	Number	Percent	Number	Percent
A	118	5.1	14	11.2
B	545	23.7	37	29.6
C	968	42.1	35	28.0
D	539	23.4	22	17.6
F	129	5.6	17	13.6
<b>Total</b>	2,299		125	

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

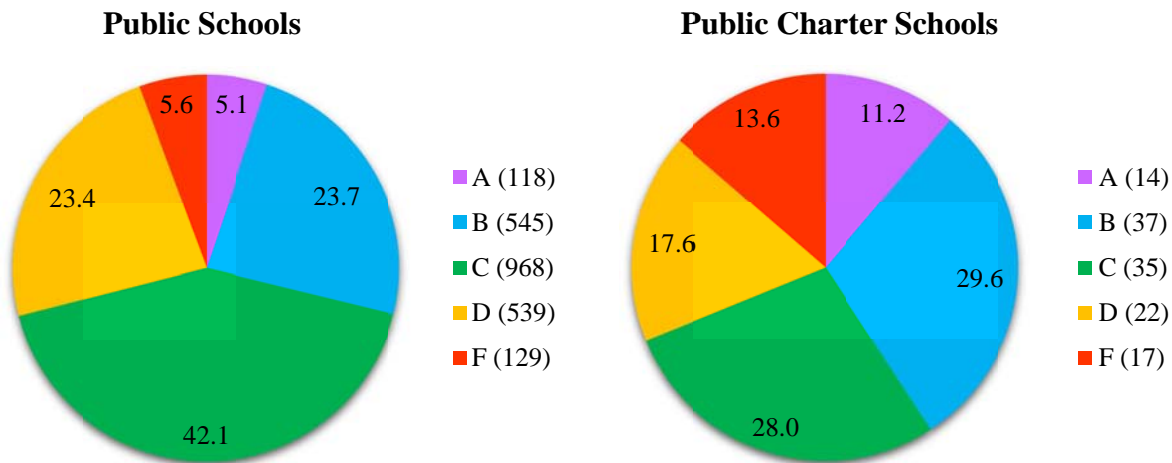


Figure 2. Performance grades for public schools and public charter schools

Table 3 and Figure 3 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; however, even with the higher academic achievement standards and the implementation of new content standards, 65.4% of the elementary and middle schools earned a grade of C or better, 23.9% earned a B or better, and 3.1% earned an A. With additional indicators to reflect college-and-career readiness, 88.7% of high schools earned a grade of C or better, 47.7% earned a B or better, and 13.1% earned an A.

Table 3. Performance Grade by School Type (Public Schools and Public Charter Schools)\*

Grade	Elementary and Middle		Elementary		Middle		High	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
A	58	3.1	39	3.3	19	2.8	74	13.1
B	387	20.8	268	22.6	119	17.7	195	34.6
C	772	41.5	497	41.9	275	40.8	231	41.0
D	512	27.5	304	25.6	208	30.9	49	8.7
F	132	7.1	79	6.7	53	7.9	14	2.5
<b>Total</b>	1,861		1,187		674		563	

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

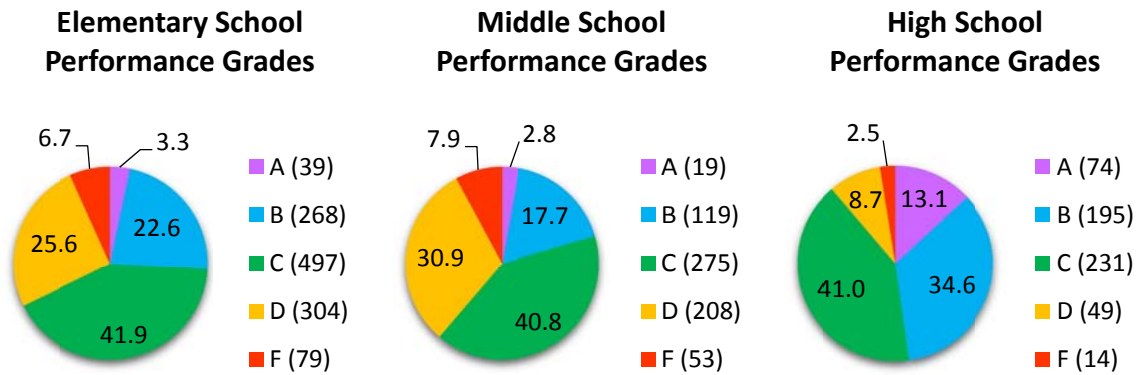


Figure 3. Performance grades by school type

## Section II. 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. As reported to the State Board of Education on September 4, 2014, 74.7% of all schools, public and public charter, met or exceeded growth expectations for 2013–14. Table 4 and Figure 4 provide the percent of schools for each growth designation by school type.

Table 4. 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	340	28.6	233	34.6	200	36.6
Meets Expected Growth	604	50.9	259	38.5	180	32.9
Does Not Meet Expected Growth	243	20.5	181	26.9	167	30.5
Total	1,187		673		547	

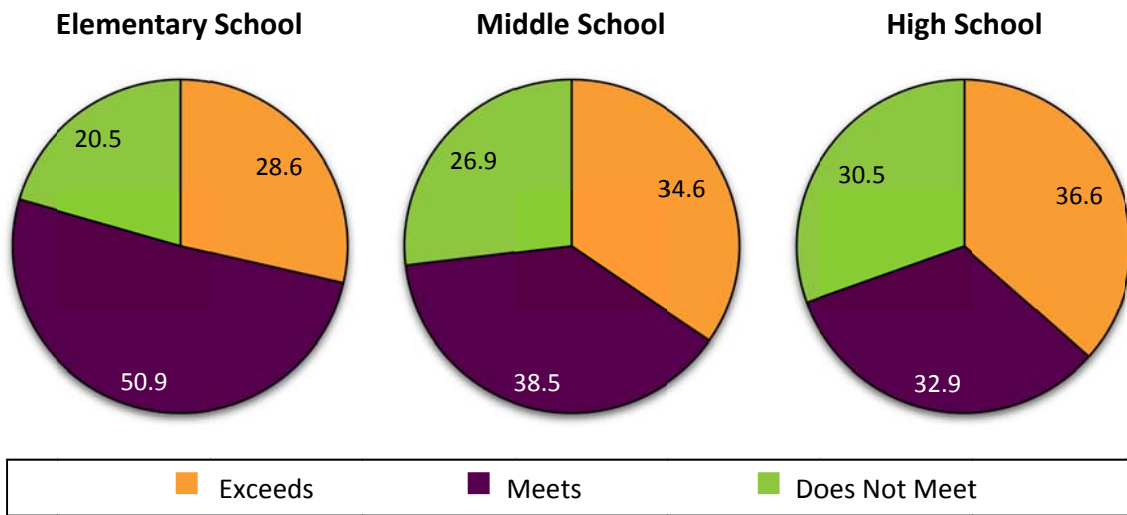


Figure 4. Growth status by school type

Data shows that of the 2,407 schools with both a School Performance Grade and a school accountability growth status, 1,816 (75.4%) met or exceeded growth, and of those schools: 120 (6.6%) earned an A, 539 (29.7%) earned a B, and 767 (42.2%) earned a C (see Table 5 and Figure 5).

Table 5. Performance Grade by School Accountability Growth (Public Schools and Public Charter Schools)

Grade	Meets or Exceeds Expected Growth		Exceeds Expected Growth		Meets Expected Growth		Does Not Meet Expected Growth	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
A	120	6.6	77	10.0	43	4.1	4	0.7
B	539	29.7	302	39.1	237	22.7	42	7.1
C	767	42.2	308	39.8	459	44.0	234	39.6
D	332	18.3	81	10.5	251	24.1	228	38.6
F	58	3.2	5	0.6	53	5.1	83	14.0
Total	1,816		773		1,043		591	

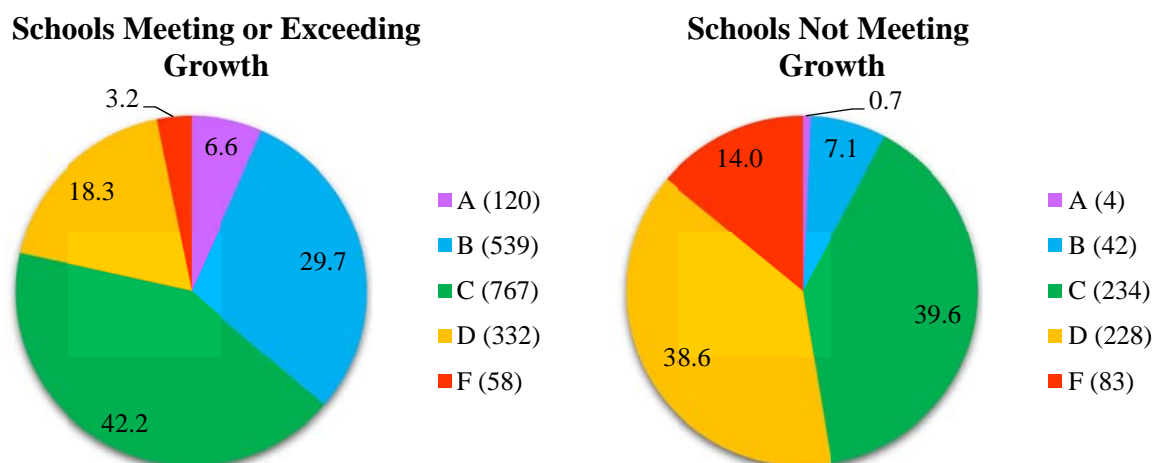


Figure 5. Performance grades of schools by growth designations

In addition to school-level growth, EVAAS growth reports include teacher-level growth. Teachers are designated as having Not Met, Met, or Exceeded growth for their students. Of the 2,403 schools with growth information for teachers' EOG and EOC test data, 2,057 schools had 75% or more of their teachers meeting or exceeding growth expectations. Almost all of the schools earning an A or a B, and most of the schools earning a C, had 75% or more of their teachers meeting or exceeding growth. Table 6 and Figure 6 show the percent of schools by the percent of teachers meeting or exceeding growth.

Table 6. Percent of Schools by the Percent of Teachers Meeting or Exceeding Growth (Public Schools and Public Charter Schools)

Grade	Schools with 0–49% of Teachers Meeting or Exceeding Growth		Schools with 50–74% of Teachers Meeting or Exceeding Growth		Schools with 75–100% of Teachers Meeting or Exceeding Growth	
	Number	Percent	Number	Percent	Number	Percent
A	0	0.0	1	0.3	123	6.0
B	1	2.6	23	7.5	555	27.0
C	18	47.4	118	38.3	864	42.0
D	11	28.9	114	37.0	435	21.1
F	8	21.1	52	16.9	80	3.9
Total	38		308		2,057	

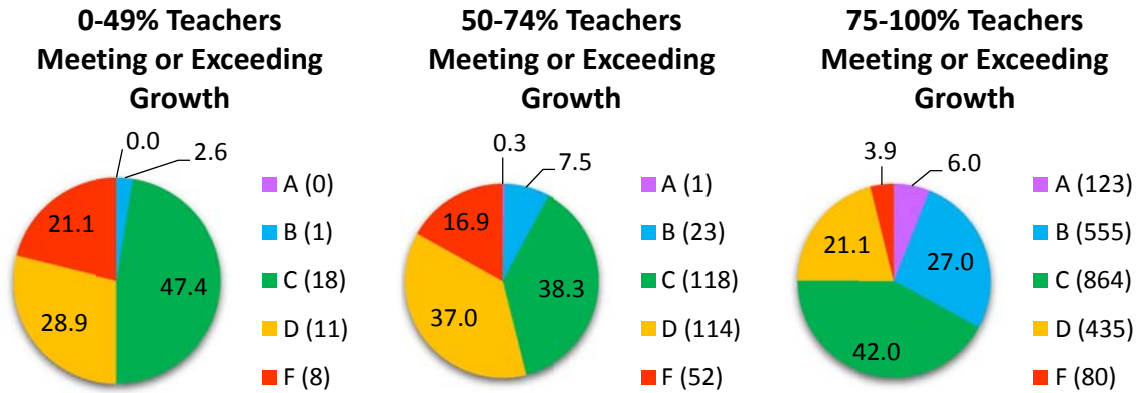


Figure 6. Performance grades by percent of schools by percent of teachers meeting or exceeding growth

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

Data for the poverty percentages were available for 2,415 schools. Table 7 and Figure 7 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's and B's and earned more C's, D's, and F's than schools with less poverty.

Table 7. Number and Percent of Schools by Letter Grade and School Poverty Percentage (Public Schools and Public Charter Schools)\*

Grade	Total Number of Schools	Schools with 50% or More Poverty		Schools with Less than 50% Poverty		Percent Total
		Number	Percent	Number	Percent	
A	131	17	13.0	114	87.0	100
B	577	133	23.1	444	76.9	100
C	1,003	722	72.0	281	28.0	100
D	560	548	97.9	12	2.1	100
F	144	144	100	0	0	100
<b>Total</b>	2,415	1,564		851		

\*Data Source: 2013–14 Eligible School Summary Report

## Grades by School Poverty Percent

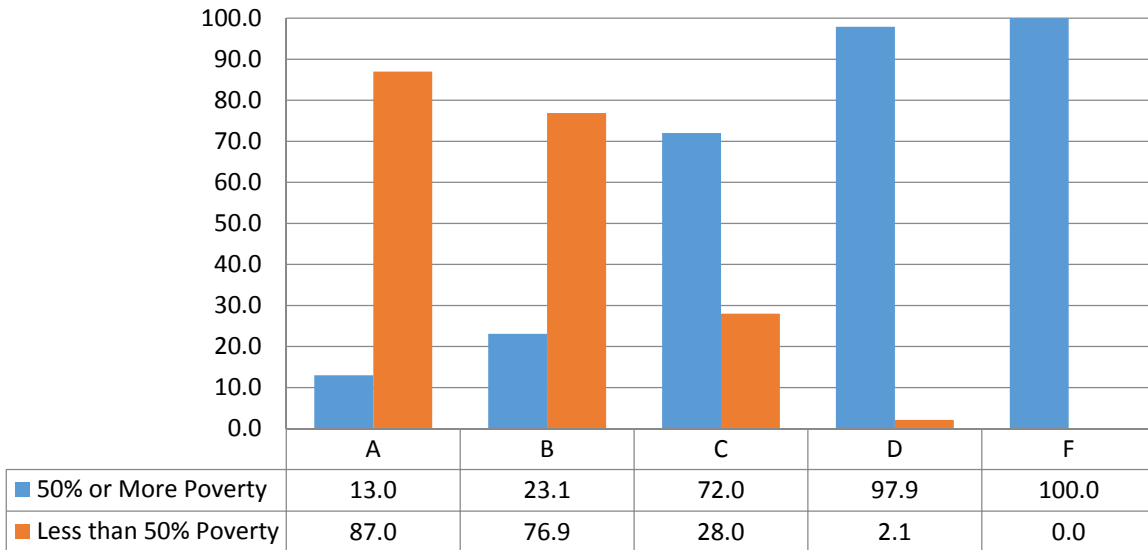


Figure 7. Bar graph showing school performance grades by school poverty percentage

### Section IV: Reading and Mathematics Performance Grades for Elementary and Middle Schools

Schools with grades 3–8 report a School Performance Grade for Reading and for Mathematics, based on the end-of-grade test scores. Like the overall School Performance Grades, the reading and math grades include achievement (80%) and growth (20%). Table 8 and Figure 8 provide this information by the number and percent of grades earned for all schools.

Table 8. Number and Percent of Schools Reading and Mathematics Letter Grades (Public Schools and Public Charter Schools)\*

Grade	Reading		Mathematics	
	Number	Percent	Number	Percent
A	47	2.4	56	2.9
B	398	20.5	342	17.6
C	826	42.5	685	35.3
D	554	28.5	598	30.8
F	118	6.1	262	13.5
<b>Total</b>	1,943		1,943	

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



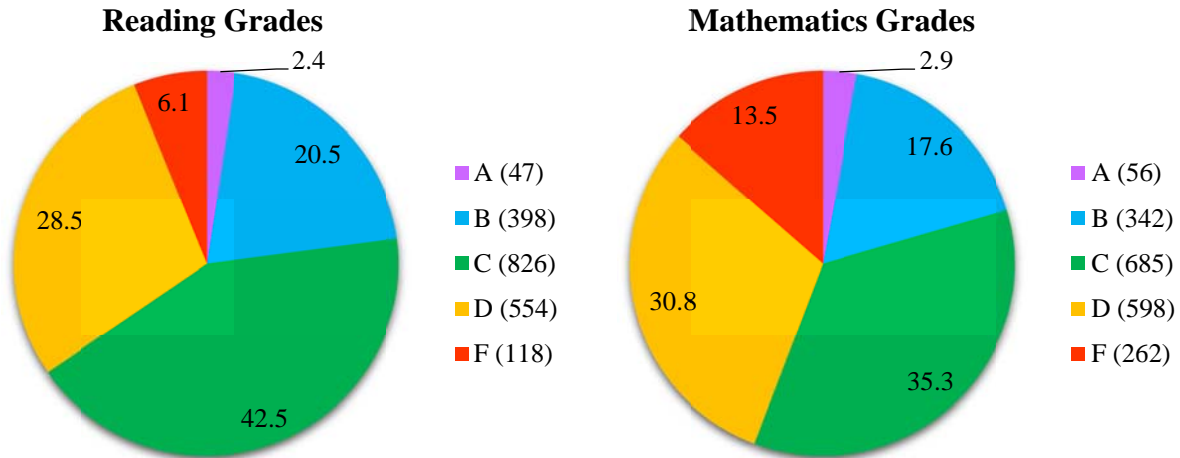


Figure 8. Performance grades for reading and mathematics

Table 9 and Figure 9 show the distribution of reading grades for public schools and public charter schools.

Table 9. Number and Percent of Reading Grades by Public Schools and by Public Charter Schools\*

Grade	Public Schools		Public Charter Schools	
	Number	Percent	Number	Percent
<b>A</b>	37	2.0	10	8.6
<b>B</b>	350	19.2	48	41.4
<b>C</b>	799	43.7	27	23.3
<b>D</b>	536	29.3	18	15.5
<b>F</b>	105	5.7	13	11.2
<b>Total</b>	1,827		116	

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

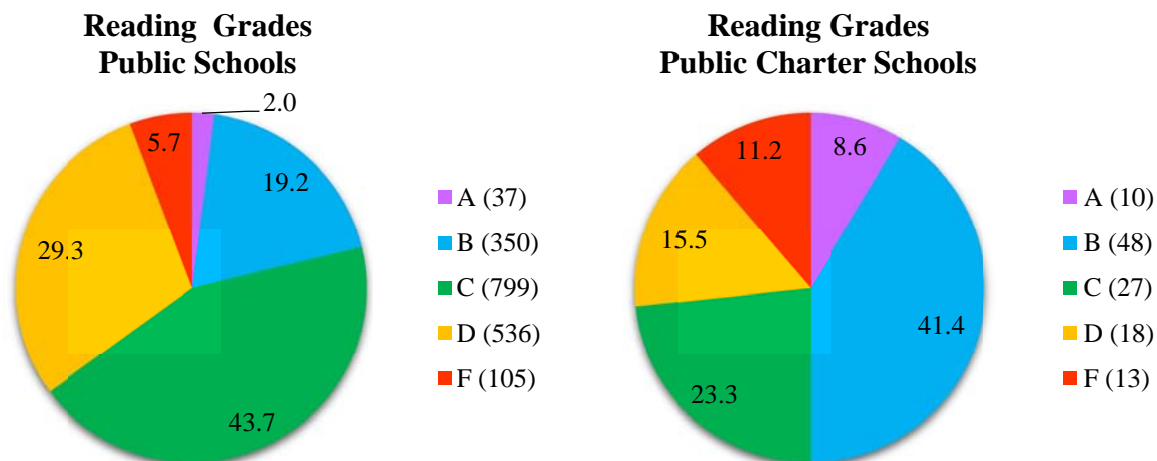


Figure 9. Distribution of reading grades for public schools and public charter schools

Table 10 and Figure 10 show the distribution of mathematics grades for public schools and public charter schools.

Table 10. Mathematics Grades by Public Charter Schools and Public Schools

Grade	Public Schools		Public Charter Schools	
	Number	Percent	Number	Percent
A	50	2.7	6	5.2
B	312	17.1	30	25.9
C	654	35.8	31	26.7
D	570	31.2	28	24.1
F	241	13.2	21	18.1
Total	1,827		116	

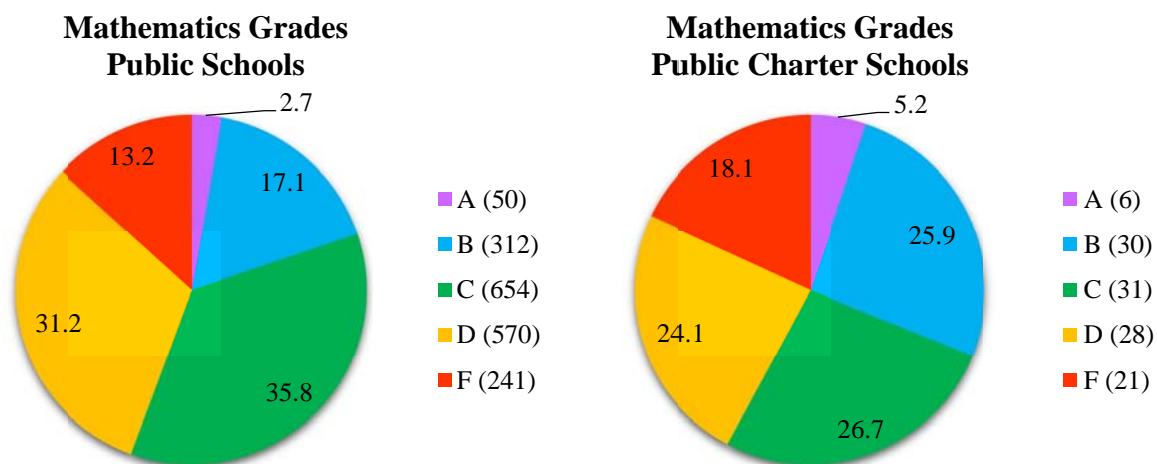


Figure 10. Distribution of mathematics grades for public schools and public charter schools

Table 11 and Figure 11 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 11. *Number and Percent of Schools by Reading Grade and School Poverty Percentage*

Grade	Total Number of Schools	Schools with 50% or More Poverty		Schools with Less than 50% Poverty		Percent Total
		Number	Percent	Number	Percent	
A	45	2	4.4	43	95.6	100
B	396	65	16.4	331	83.6	100
C	825	607	73.6	218	26.4	100
D	554	549	99.1	5	0.9	100
F	116	115	99.1	1	0.9	100
<b>Total</b>	1,936	1,338		598		

**Reading Grades by School Poverty Percent**

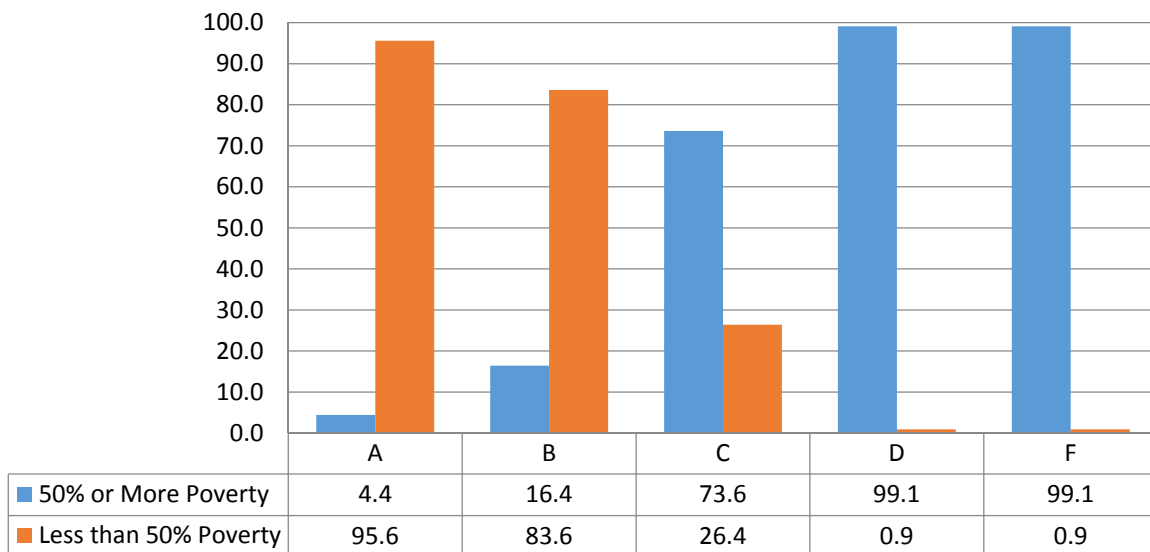


Figure 11. Reading grades by school poverty percentage

Table 12 and Figure 12 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 12. *Number and Percent of Schools by Mathematics Grade and School Poverty Percentage*

Grade	Total Number of Schools	Schools with 50% or More Poverty		Schools with Less than 50% Poverty		Percent Total
		Number	Percent	Number	Percent	
A	55	7	12.7	48	87.3	100
B	339	80	23.6	259	76.4	100
C	685	464	67.7	221	32.3	100
D	597	532	89.1	65	10.9	100
F	260	255	98.1	5	1.9	100
<b>Total</b>	1,936	1,338		598		

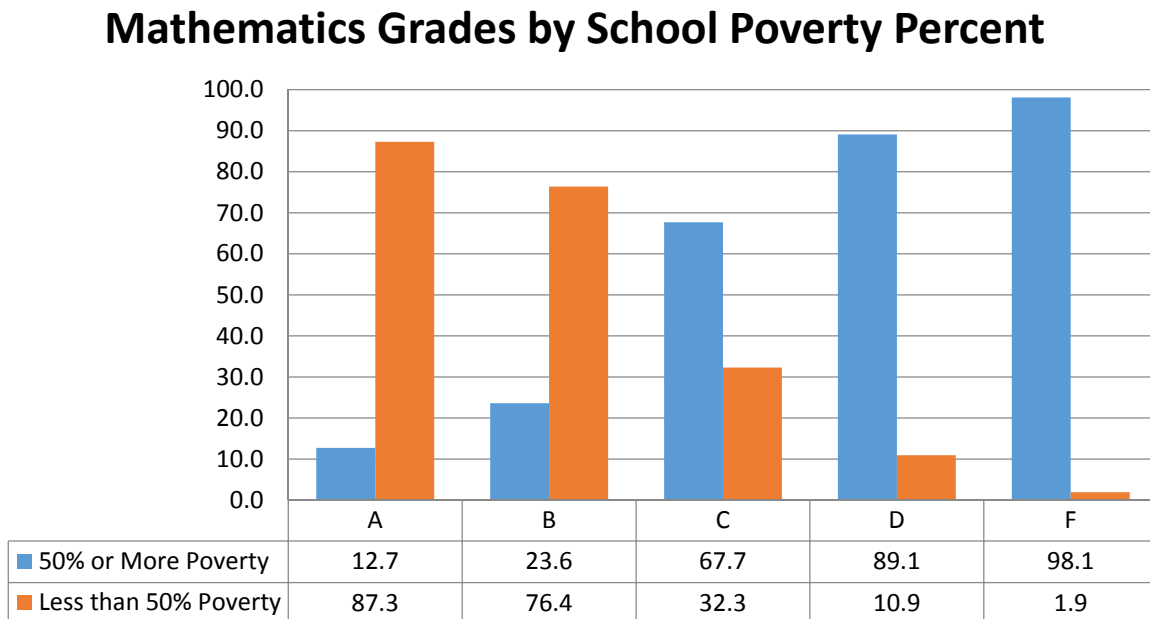


Figure 12. Mathematics grades by school poverty percentage

**Section V. Performance Grades by State Board Regions (Public Schools and Public Charter Schools)**

The distributions of School Performance Grades, Growth Designations, Reading Grades, and Mathematics Grades by State Board of Education regions are presented in Tables 13–16.

Table 13. *Number and Percent of School Performance Grades (A–F) by State School Board Region\**

Region		Overall Performance Grade					Total Schools
		A	B	C	D	F	
1	Number	2	24	57	39	11	133
	Percent	1.5	18.0	42.9	29.3	8.3	
2	Number	13	57	109	60	11	250
	Percent	5.2	22.8	43.6	24.0	4.4	
3	Number	27	106	158	109	52	452
	Percent	6.0	23.5	35.0	24.1	11.5	
4	Number	5	35	109	99	21	269
	Percent	1.9	13.0	40.5	36.8	7.8	
5	Number	22	89	170	106	26	413
	Percent	5.3	21.5	41.2	25.7	6.3	
6	Number	42	129	144	86	20	421
	Percent	10.0	30.6	34.2	20.4	4.8	
7	Number	12	81	146	41	5	285
	Percent	4.2	28.4	51.2	14.4	1.8	
8	Number	9	61	110	21	0	201
	Percent	4.5	30.3	54.7	10.4	0.0	

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

Table 14. *Number and Percent of School Growth Designations by State School Board Region\**

Region		Growth Status			Total Schools
		Exceeds	Meets	Does Not Meet	
1	Number	25	62	44	131
	Percent	19.1	47.3	33.6	
2	Number	81	109	59	249
	Percent	32.5	43.8	23.7	
3	Number	147	179	123	449
	Percent	32.7	39.9	27.4	
4	Number	77	127	64	268
	Percent	28.7	47.4	23.9	
5	Number	118	185	105	408
	Percent	28.9	45.3	25.7	
6	Number	169	169	81	419
	Percent	40.3	40.3	19.3	

Region		Growth Status			Total Schools
		Exceeds	Meets	Does Not Meet	
7	Number	104	120	58	282
	Percent	36.9	42.6	20.6	
8	Number	52	92	57	201
	Percent	25.9	45.8	28.4	

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

Table 15. *Number and Percent of Reading Grades by State School Board Region\**

Region		Reading Grade					Total Schools
		A	B	C	D	F	
1	Number	0	12	46	38	5	101
	Percent	0.0	11.9	45.5	37.6	5.0	
2	Number	7	32	95	55	9	198
	Percent	3.5	16.2	48.0	27.8	4.5	
3	Number	15	81	122	110	40	368
	Percent	4.1	22.0	33.2	29.9	10.9	
4	Number	0	21	81	105	14	221
	Percent	0.0	9.5	36.7	47.5	6.3	
5	Number	3	63	127	111	25	329
	Percent	0.9	19.1	38.6	33.7	7.6	
6	Number	15	106	114	85	21	341
	Percent	4.4	31.1	33.4	24.9	6.2	
7	Number	5	44	137	37	4	227
	Percent	2.2	19.4	60.4	16.3	1.8	
8	Number	2	39	104	13	0	158
	Percent	1.3	24.7	65.8	8.2	0.0	

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

Table 16. *Number and Percent of Mathematics Grades by State School Board Region\**

Region		Mathematics Grade					Total Schools
		A	B	C	D	F	
1	Number	2	11	22	43	23	101
	Percent	2.0	10.9	21.8	42.6	22.8	
2	Number	6	20	78	65	29	198
	Percent	3.0	10.1	39.4	32.8	14.6	
3	Number	13	77	94	110	74	368
	Percent	3.5	20.9	25.5	29.9	20.1	

Region		Mathematics Grade					Total Schools
		A	B	C	D	F	
4	Number	1	17	63	92	48	221
	Percent	0.5	7.7	28.5	41.6	21.7	
5	Number	5	57	123	104	40	329
	Percent	1.5	17.3	37.4	31.6	12.2	
6	Number	22	98	108	78	35	341
	Percent	6.5	28.7	31.7	22.9	10.3	
7	Number	4	36	110	65	12	227
	Percent	1.8	15.9	48.5	28.6	5.3	
8	Number	3	26	87	41	1	158
	Percent	1.9	16.5	55.1	25.9	0.6	

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