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ADEQUATE YEARLY PROGRESS (AYP) RESULTS: 2002-03

Authors: Colleen Paepflow and Chuck Dulaney

Abstract

In the first year of implementation of the federal No Child Left Behind legislation in North Carolina, 51 of the 79 elementary schools, one of the 25 middle schools, and one of the 16 high schools in Wake County Public School System (WCPSS) met the requirements of Adequate Yearly Progress (AYP). Of the 48 Title I schools (all elementary) in WCPSS, 29 met AYP and 19 failed to meet AYP requirements. The number of reading and math AYP targets applicable to WCPSS schools ranged from eight to 32. Seven of the eight schools with 13 or fewer targets met the AYP requirements. All eleven schools with more than 25 targets failed to meet the AYP requirements. The two subgroups that most frequently failed to meet AYP were SWD (students with disabilities) and FRL (free or reduced-price lunch) students.

BACKGROUND

AYP is defined as a series of performance targets that states, school districts, and schools must achieve each year to meet the requirements of the No Child Left Behind (NCLB) Act of 2001. In each public school, there may be up to ten student subgroups that must meet the prescribed targets in both reading and math: the school as a whole (all students) plus students who are American Indian, Asian, Black, Hispanic, Multiracial, White, Economically Disadvantaged (free or reduced-price lunch recipients), Limited English Proficient (LEP), and Students with Disabilities (SWD). For AYP proficiency calculations, a subgroup must have at least 40 students who have been in membership a full academic year. A full academic year is defined as 140 days in membership as of the first day of End-of-Grade (EOG) testing. AYP groups with a minimum of 40 students enrolled on the first day of testing (regardless of the number of days in membership) must also meet a 95% tested requirement for both reading and math assessments.

Annual Measurable Objectives were set based on 1999-2000, 2000-01, and 2001-02 statewide performance data, according to procedures prescribed by NCLB. North Carolina chose the EOG tests as the annual measurable objective for students in grades 3-8, and the High School Comprehensive Test for 10th-grade.

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In grades 3-8, for the 2002-03 and 2003-04 school years, the Annual Measurable Objectives are: 68.9% proficiency in reading and 74.6% in math. In 10th-grade, the Annual Measurable Objectives are 52.0% proficiency in reading and 54.9% in math. Annual Measurable Objectives will increase incrementally in 2004-05, 2007-08, and 2010-11, until the Annual Measurable Objectives become 100% in 2013-14. In order for a school to be designated as achieving AYP, each of the ten subgroups that have sufficient numbers of students must meet the following targets:

- 95% participation rate in reading assessment
- 95% participation rate in math assessment
- Annual measurable objective in reading (68.9% in grades 3-8 and 52.0% in grade 10)
- Annual measurable objective in math (74.6% in grades 3-8 and 54.9% in grade 10)

In addition to the four targets for each subgroup, the school as a whole must also show progress on another “academic indicator”: (graduation rate for schools that have a 12th-grade and graduates seniors, and attendance rate for schools without a 12th-grade). Thus, a school could potentially have 41 targets, including participation rates, Annual Measurable Objectives, the school-wide academic indicator which must all be met for AYP.

If a particular subgroup meets the 95% participation rate but does not meet the percent proficiency for a subject area, the subgroup can still meet AYP through the Safe Harbor provision. The Safe Harbor provision is invoked if the subgroup has reduced the percentage of students not proficient by 10% from the previous year for that subject area and if the subgroup shows progress on the other academic indicator (attendance or graduation rate). However, safe harbor is not available if the subgroup did not have 40 students the previous year.

AYP READING AND MATH TARGETS

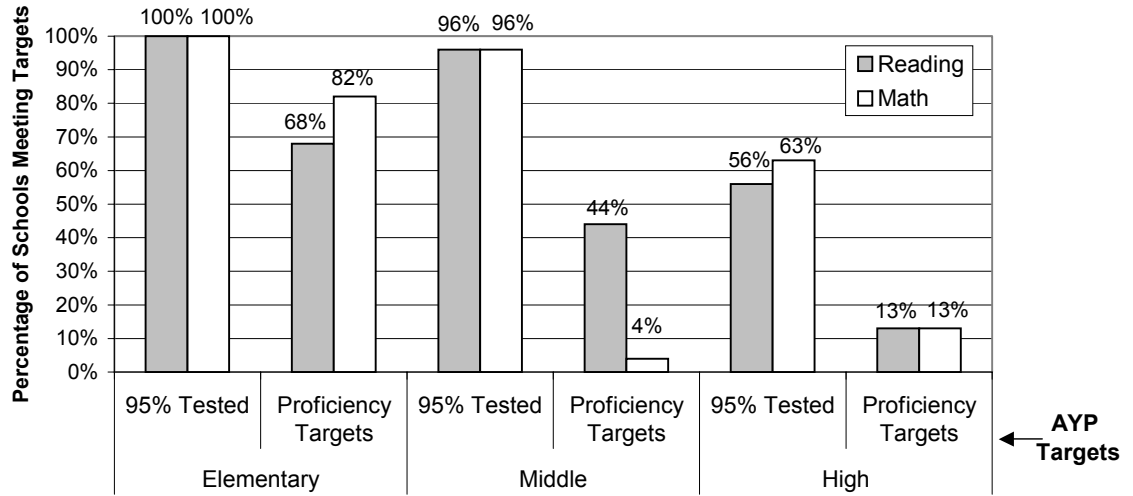
TYPE OF AYP TARGETS

In order for a school to be designated as achieving AYP, each of the subgroups with greater than 40 students must meet two types of targets: 95% participation rate on their reading and math assessments and the proficiency targets for reading and math. The subgroup must also show progress on another “academic indicator,” attendance or graduation rate, if safe harbor provisions are applied.

At all school levels schools were more likely to meet the 95% tested target than the percent proficient target. High schools were more likely not to meet the 95% tested target than either elementary or middle schools. Among WCPSS schools:

- 54 elementary schools (68%) met the proficiency target for reading, while 11 middle schools (44%) and one high school (13%) met this standard.
- 65 elementary schools (82%) met the proficiency target for math while only one middle school (4%) and one high school (13%) met this standard.
- 100% of elementary schools and 96% of middle schools met the 95% tested target.
- 56% of high schools met the 95% tested target for reading and 63% met the 95% tested target for math.

Figure 1
Percentage of Schools Meeting
95% Tested and Proficient Targets
by School Level

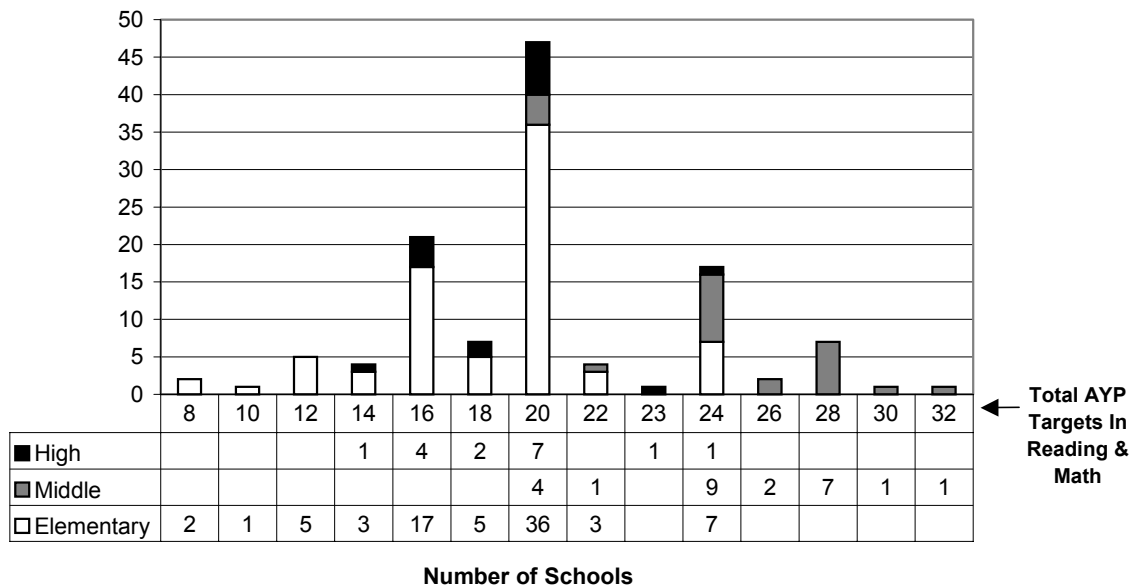


NUMBER OF AYP READING AND MATH TARGETS

The number of reading and math AYP targets applicable to each WCPSS school ranged from eight to 32. The number of reading and math targets varied from eight to 24 at the elementary level, from 20 to 32 at the middle school level and from 14 to 24 at the high school level. While the majority of elementary schools had 20 or fewer targets (one-third had 16 or fewer), the majority of middle schools (20 out of 25) had 24 or more targets. The majority of high schools had 16 to 20 targets.

The number of targets for which a school was responsible was clearly connected with their likelihood of success. Seven of eight schools with 12 or fewer targets met the AYP requirements. All 11 schools with more than 24 targets failed to meet the AYP requirements.

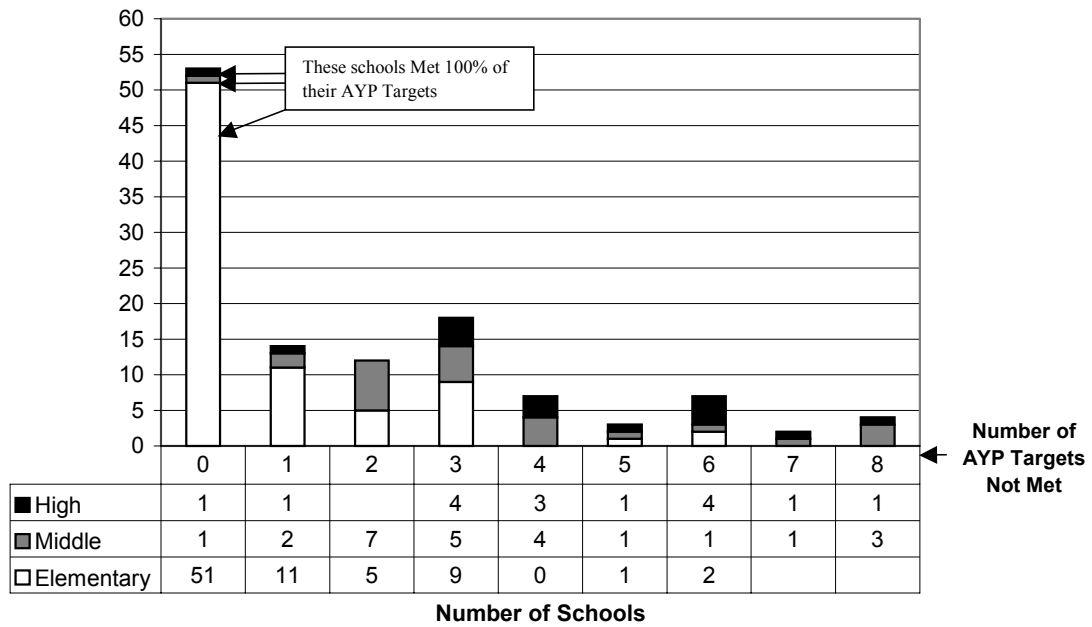
Figure 2
Combined Number of Reading and Math Targets
Required to Make AYP in 2003



NUMBER OF AYP TARGETS MISSED

The number of reading and math AYP targets missed ranged from 0 to 8. At the elementary level the number of reading and math targets missed varied from 0 to 6, at the middle and high school level it ranged from 0 to 8. Twenty-six schools failed to meet AYP requirements by missing one or two targets.

Figure 3
Number of AYP Reading and Math Targets Missed in 2003

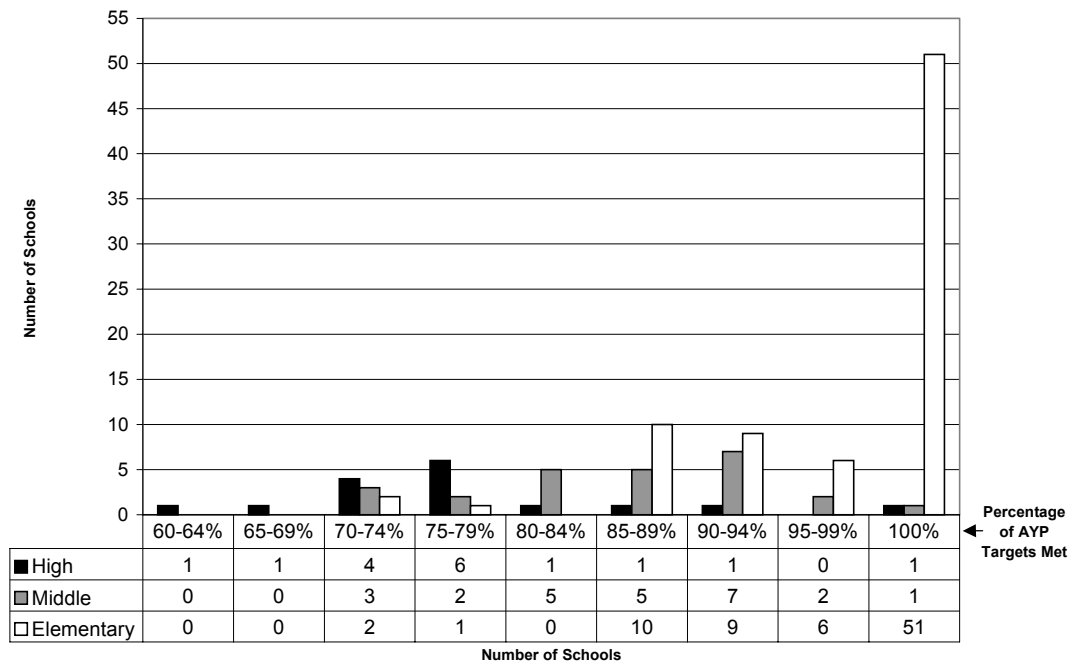


Note: These numbers represent targets missed after safe harbor is applied.

PERCENTAGE OF AYP TARGETS MET

All WCPSS schools met the majority of their AYP targets. Approximately two thirds (63%) of elementary schools met 100% of their AYP targets, and 23 (29%) missed AYP by three or fewer targets. While almost all middle and high schools failed to meet AYP, 17 of the 25 middle schools and 7 of the 16 high schools met 80% or more of their targets.

**Figure 4
Number of Schools that Met
AYP Reading and Math Targets in 2003**



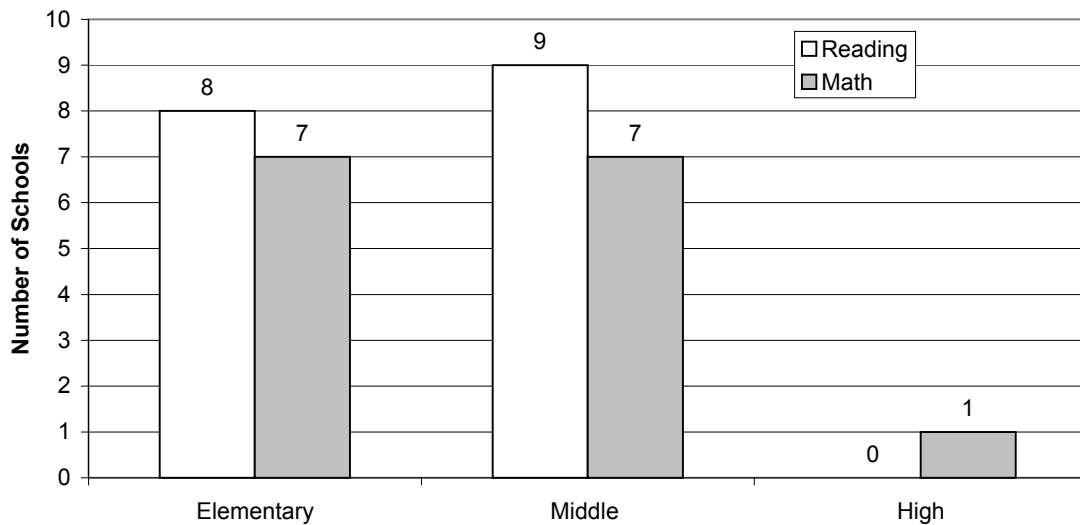
Note: These numbers represent targets missed after safe harbor is applied.

SAFE HARBOR PROVISION

Schools can also meet AYP through the Safe Harbor provision. Safe Harbor is considered if a subgroup meets the 95% participation rate but fails to meet the proficiency target in either subject area. In order for Safe Harbor to be invoked a subgroup must reduce the gap—the distance between percentage of students proficient the previous year and 100% proficiency—by 10%. The subgroup must also show progress on the other academic indicator (graduation rate or attendance). In WCPSS:

- 11 elementary schools, 11 middle schools, and one high school invoked safe harbor among one or more of their subgroups.
- among the schools invoking safe harbor seven elementary schools and one middle school met AYP after invoking safe harbor.
- Safe harbor was most often invoked for the SWD subgroup (eight elementary schools and seven middle schools).
- Safe harbor was also invoked for:
 - Black students at two elementary schools, two middle schools, and one high school.
 - Hispanic students at one middle school
 - FRL students at four elementary and five middle schools

**Figure 5
Number of Schools Invoking Safe Harbor
Reading and Math**



SUBGROUP RESULTS

The two subgroups that most frequently failed to reach AYP reading and math proficiency targets in WCPSS were the SWD and FRL subgroups.

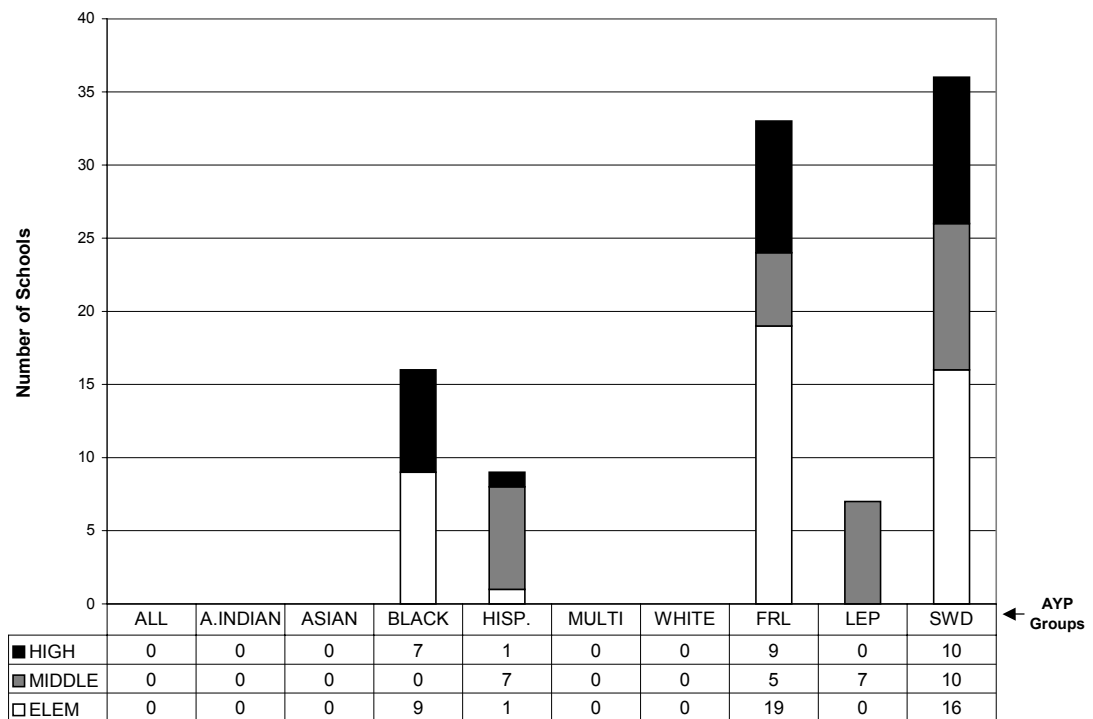
The subgroups missing AYP reading proficiency targets were:

- SWD in 36 schools
- FRL students in 33 schools
- Black students in 16 schools
- Hispanic/Latino students in nine schools
- LEP students in seven schools

The subgroups missing AYP math proficiency targets were:

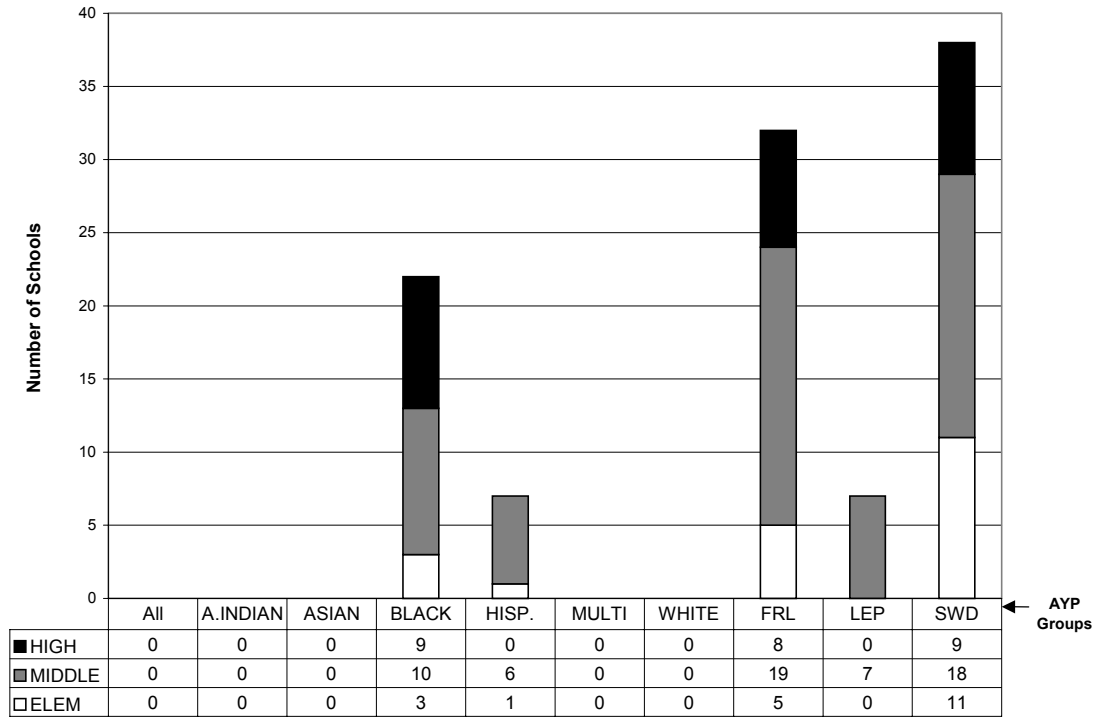
- SWD in 38 schools
- FRL students in 32 schools
- Black students in 22 schools
- Hispanic/Latino students in seven schools
- LEP students in seven schools

**Figure 6
Subgroups Missing AYP Reading Proficiency Targets**



Note: These numbers represent targets missed after safe harbor is applied.

Figure 7
Subgroups Missing AYP Math Proficiency Targets



Note: These numbers represent targets missed after safe harbor is applied.

Attachment 1
AYP Status and Targets Met
(Reading, Math, and Attendance Targets)

Elementary Schools	Met AYP	Title 1 2002-03	Title 1 2003-04	# of Targets	# of Targets met	% of Targets Met
Adams Elementary	Yes			17	17	100%
Apex Elementary	No			21	20	95%
Aversboro Elementary	Yes	Yes	Yes	19	19	100%
Baileywick Elementary	Yes			13	13	100%
Ballentine Elementary	Yes	Yes		17	17	100%
Baucom Elementary	Yes			25	25	100%
Brassfield Elementary	Yes			19	19	100%
Brentwood Elementary	Yes	Yes	Yes	21	21	100%
Briarcliff Elementary	No	Yes	Yes	21	19	90%
Brooks Elementary	Yes	Yes	Yes	17	17	100%
Bugg Elementary	Yes			21	21	100%
Carver Elementary	Yes	Yes	Yes	25	25	100%
Cary Elementary	Yes	Yes	Yes	21	21	100%
Combs Elementary	Yes	Yes	Yes	21	21	100%
Conn Elementary	No	Yes	Yes	21	18	86%
Creech Road Elementary	No	Yes	Yes	25	24	96%
Davis Drive Elementary	Yes			17	17	100%
Dillard Dr. Elementary	Yes	Yes	Yes	21	21	100%
Douglas Elementary	Yes	Yes	Yes	17	17	100%
Durant Road Elementary	Yes			23	23	100%
Farmington Woods Elementary	Yes	Yes		17	17	100%
Fox Road Elementary	No	Yes	Yes	21	19	90%
Fuller Elementary	No	Yes	Yes	21	18	86%
Fuquay-Varina Elementary	Yes	Yes	Yes	21	21	100%
Green Hope Elementary	Yes			9	9	100%
Green Elementary	No			21	20	95%
Heritage Elem. (was Jones Dairy)	Yes			19	19	100%
Hilburn Drive Elementary	Yes			15	15	100%
Hodge Road Elementary	No	Yes	Yes	25	23	92%
Holly Ridge Elementary	X	X	X	X	X	X
Holly Springs Elementary	No			21	18	86%
Hunter Elementary	Yes	Yes		21	21	100%
Jeffreys Grove Elementary	No	Yes	Yes	21	19	90%
Joyner Elementary	No	Yes	Yes	21	18	86%
Kingswood Elem. @ Cedar Fork	Yes			11	11	100%
Knightdale Elementary	Yes	Yes	Yes	21	21	100%
Lacy Elementary	Yes	Yes		15	15	100%
Leesville Road Elementary	Yes			21	21	100%
Lead Mine Elementary	Yes	Yes	Yes	17	17	100%
Lincoln Heights Elementary	Yes	Yes		21	21	100%
Lockhart Elementary	Yes	Yes	Yes	25	25	100%
Lynn Road Elementary	No	Yes	Yes	17	16	94%
Middle Creek Elementary	Yes	Yes		17	17	100%
Millbrook Elementary	No	Yes	Yes	21	20	95%

Note: These numbers include targets met after safe harbor is applied.

X = New School (no data for 2002-03)

Elementary Schools	Met AYP	Title 1 2002-03	Title 1 2003-04	# Target	# Targets met	% of Targets met
Morrisville Elementary	Yes			21	21	100%
North Ridge Elementary	Yes	Yes	Yes	21	21	100%
Northwoods Elementary	No			25	24	96%
Oak Grove Elementary	No			21	18	86%
Olive Chapel Elementary	Yes			13	13	100%
Olds Elementary	No			13	12	92%
Partnership Elementary	Yes			13	13	100%
Penny Road Elementary	Yes			17	17	100%
Pleasant Union Elementary	Yes			13	13	100%
Poe Elementary	Yes		Yes	17	17	100%
Powell Elementary	No	Yes	Yes	21	18	86%
Rand Road Elementary	No	Yes	Yes	17	16	94%
Reedy Creek Elem.	Yes	Yes	Yes	25	25	100%
Rolesville Elementary	No	Yes	Yes	23	20	87%
Root Elementary	No			15	14	93%
Salem Elementary	Yes			9	9	100%
Smith Elementary	Yes	Yes	Yes	21	21	100%
Stough Elementary	Yes	Yes	Yes	21	21	100%
Swift Creek Elementary	Yes	Yes	Yes	17	17	100%
Timber Drive Elementary	Yes			21	21	100%
Underwood Elementary	No	Yes	Yes	17	15	88%
Vance Elementary	Yes	Yes	Yes	17	17	100%
Vandora Springs Elementary	No	Yes	Yes	17	16	94%
Wake Forest Elem. @ Jones Dairy	No	Yes	Yes	21	18	86%
Wakefield Elem.	Yes			21	21	100%
Washington Elementary	Yes	Yes		21	21	100%
Weatherstone Elem.	No			21	16	76%
Wendell Elementary	Yes	Yes	Yes	21	21	100%
West Lake Elementary	No			21	20	95%
Wilburn Elementary	Yes	Yes	Yes	23	23	100%
Wildwood Forest Elem.	Yes			19	19	100%
Wiley Elementary	No	Yes	Yes	21	15	71%
Willow Springs Elem.	Yes	Yes	Yes	19	19	100%
Yates Mill Pond Elementary	Yes	Yes		17	17	100%
York Elementary	No	Yes	Yes	21	15	71%
Zebulon Elementary	No	Yes	Yes	21	18	86%
WCPSS Elementary School Average				19	18	96%

Note: These numbers include targets met after safe harbor is applied.

Attachment 2
AYP Status and Targets Met
(Reading, Math, and Attendance Targets)

Middle Schools	Met AYP	Title 1 2002-03	Title 1 2003-04	# of Targets	# of Targets met	% of Targets met
Apex Middle @ Salem	No			27	25	93%
Carnage Middle	No			25	24	96%
Carroll Middle	No			29	21	72%
Centennial Middle	No			21	19	81%
Daniels Middle	No			29	23	79%
Davis Drive Middle	No			27	24	89%
Dillard Dr. Middle	No			21	18	86%
Durant Road Middle	No			29	27	93%
East Garner Middle	No			25	24	96%
East Millbrook Middle	No			25	23	92%
East Wake Middle	No			29	24	83%
Fuquay-Varina Middle	No			25	21	84%
Holly Ridge Middle	X			X	X	X
Leesville Road Middle	No			25	22	88%
Ligon Middle	No			25	23	92%
Lufkin Rd. Middle	No			31	27	87%
Martin Middle	No			25	21	84%
Moore Square Museum Middle	No			21	19	90%
North Garner Middle	No			29	21	72%
Reedy Creek Middle (was East Cary)	No			33	25	76%
Wake Forest-Rolesville Mid.	No			23	19	83%
Wakefield Middle	Yes			21	21	100%
West Cary Middle	No			29	27	93%
West Lake Middle	No			25	22	88%
West Millbrook Middle	No			29	22	72%
Zebulon Middle	No			25	23	92%
WCPSS Middle School Average				26	22	86%

Note: These numbers include targets met after safe harbor is applied.

X = New School (no data for 2002-03)

Shading indicates Not Applicable

Attachment 3
AYP Status and Targets Met
(Reading, Math, and Graduation Rate Targets)

High Schools	Met AYP	Title 1 2002-03	Title 1 2003-04	# of Targets	# of Targets met	% of Targets Met
Apex High	No			17	14	77%
Athens Drive High	No			19	18	95%
Broughton High	No			21	15	71%
Cary High	No			21	18	86%
East Wake High	No			21	14	67%
Enloe High	No			25	21	80%
Fuquay-Varina High	No			21	15	71%
Garner High	No			21	13	62%
Green Hope High	Yes			19	19	100%
Leesville Road High	No			17	13	76%
Middle Creek High	No			15	12	80%
Millbrook High	No			24	19	79%
Sanderson High	No			21	15	71%
Southeast Raleigh High	No			21	14	67%
Wake Forest-Rolesville High	No			17	13	76%
Wakefield High	No			17	14	82%
WCPSS High School Average				20	15	77%
Special/Optional Schools						
Longview School	No			7*	0	0%
Mt. Vernon School	No			9	6	67%
Mary E. Phillips High	No			7*	0	0%

* Results are based on less than 40 students & should be interpreted with caution
Note: These numbers include targets met after safe harbor is applied.
Shading indicates Not Applicable