



Education Matters *in Guilford County*

Measuring Community & School Success

The Guilford Education Alliance

*Our mission is that education will be the
TOP priority for the citizens of Guilford County*

- Countywide, independent, non-profit organization focused on education in Guilford County
- Goals
 - To develop research and public/legislative advocacy positions that result in public and political commitment to rigorous and relevant education
 - To build public understanding of educational issues
 - To develop support for programs, teachers, and students

The Guilford Education Alliance

Some of our programs

- **Research and Advocacy**
 - Indicators report
 - NC PEN – coalition of other education groups in NC
 - Candidate Forums
 - Studies and reports
 - Guide to the Budget
 - Teacher Working Conditions
 - School Readiness

The Guilford Education Alliance

Some of our programs... continued

■ **Public Programs and Issues Education**

- Education Summit
- Education Leadership Academy
- Community Forums
- Principal for A Day

■ **Support for Teachers and Programs**

- Donors Choose
- School Supply Warehouse
- New Teacher Reception
- Rookie Teacher of the Year

Education Matters *in Guilford County*

- First overall independent review of education indicators
- Carried out annually to develop trends analysis
- Goals are
 - To stimulate understanding and focus on education
 - To identify areas where the community and the schools can develop programs to move the indicators
- Presented at the annual *Guilford County Education Summit*

A bit about terms...

- **Indicators** – *measures of performance/outcomes in specified areas*
- **Benchmarks** – *comparisons of our indicators with other communities to judge our success*
- **Trends** – *measurement of indicator change over time*
- **Goals** – *desired outcomes for which programs and activities are developed*

Education Matters: *The Report*

Focus Areas

- *The community* -- Guilford County
 - Guilford County Overview
 - Community Indicators
- *The schools* -- Guilford County Schools
 - Schools Overview
 - School Indicators
- What comes next?

The Community

- Overview of Guilford County
- Community Indicators

Guilford County

Demographics

	2000 Census	2006 Estimate
Total Population	422,358	443,519
White	64.5%	64.9%
Black	29.3%	28.6%
American Indian	0.5%	0.4%
Asian	2.5%	3.1%
Hispanic	3.8%	5.6%
Multi-racial	1.5%	1.3%
Other	1.8%	1.6%

Guilford County

Economics

Per capita income	\$26,179
Median household income	\$48,738
Median house value (2005)	\$134,900
Unemployment rate (2007)	4.8%
Population below poverty rate (2005)	17.3%
Children receiving food stamps	18.2%
Children who are Work First recipients	1.0%

Guilford County

Education Levels

25 and older

Less than high school diploma	11.26%
High school diploma	25.24%
Associate's degree	5.1%
Bachelor's degree	26.3%
Some college – no degree	21.0%
Graduate or professional degree	11.1%

Community Indicators

Tools and Support to make education successful

- Funding
- Readiness
- Participation

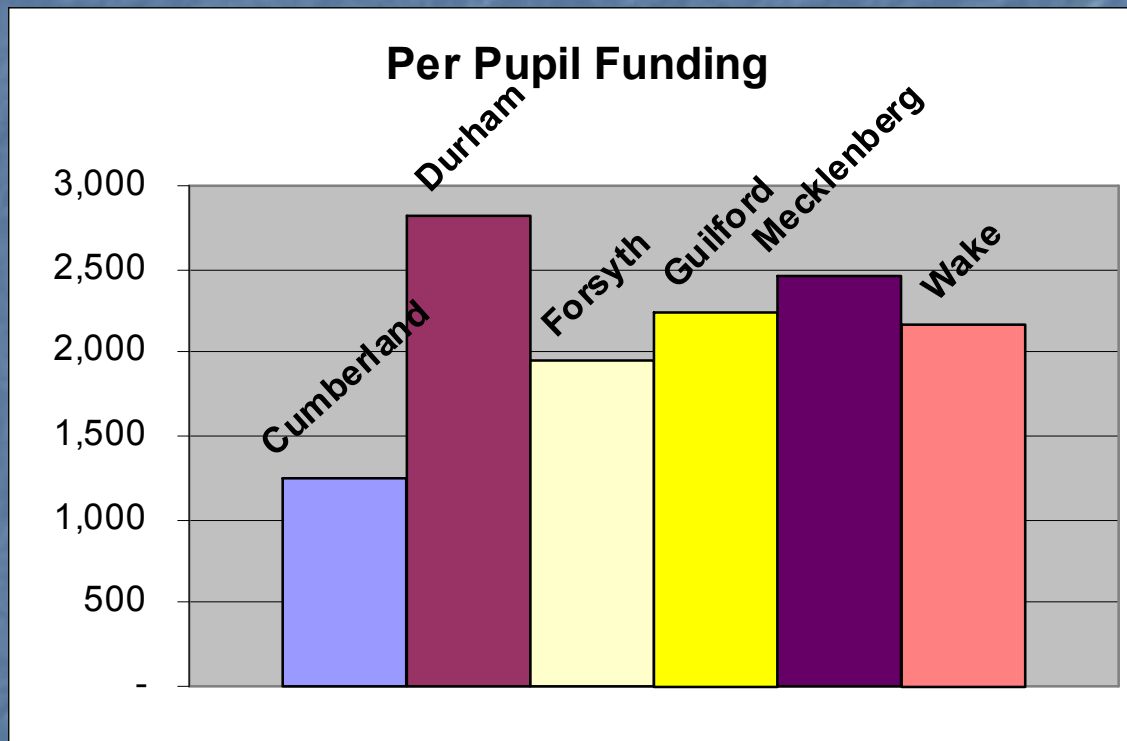
Community Indicators

Funding

- Local funding per pupil -- \$2,250
 - 3rd in district size in North Carolina
 - 8th in County appropriations per student
- Total County funding -- \$204,462,786
 - 80% to County Schools operating and capital budgets
 - 20% to GTCC and debt service

Community Indicators

Funding Comparisons



If Guilford were funded at same level as Charlotte, GCS would have an additional \$14.1 million

Community Indicators

Funding Effort

- Three measures are used to determine funding effort – the relationship between *actual* spending versus *ability* to support the schools
 - *Property value per student* – total county property value divided by the number of students
 - *Actual effort* – expenditures per student (current spending, and 6 year average of debt service and capital outlay)
 - *Ability to pay* – amount that would have been generated at the state average tax rate based on the property value per student (after removing mandated social service payments)

Community Indicators

Funding Effort ... continued

Guilford County rankings:

(Based on 2004 – 05 data from NC Public School Forum report)

- Property value per student: 29th \$587,519
- Actual effort 10th \$1,928
- Ability to pay 24th \$4,575

- Guilford County ranks 38th in *relative effort* by spending 42.1% of its ability

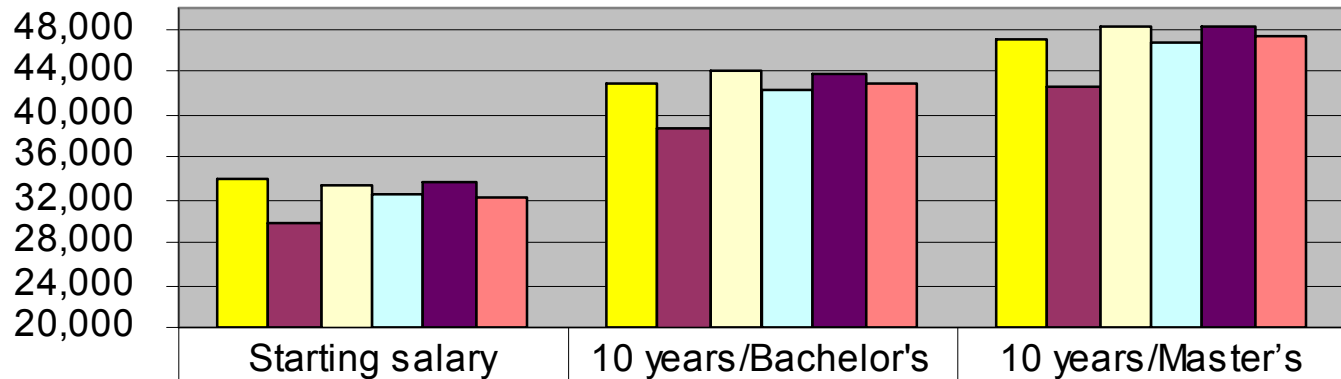
Funding Comparisons

(Based on 2004 – 05 data from NC Public School Forum report)

	Guilford	Cumb	Durham	Forsyth	Meck	Wake
Property value per student	29	94	20	37	17	26
Actual effort	10	33	3	13	4	8
Ability to pay	24	73	21	25	9	14
Relative effort	38	13	20	46	69	62

What local funds do...

Teacher salary supplements



	Starting salary	10 years/Bachelor's	10 years/Master's
■ Guilford	33,980	42,870	47,160
■ Cumberland	29,750	38,710	42,580
■ Durham	33,469	43,936	48,328
■ Forsyth	32,620	42,390	46,760

What local funds do...

Expand number of teachers

- Class size has major effect on performance
 - Elementary school class size: 18 to 22 students
 - Middle school class size: 21 to 22 students
 - High school class size: 13 to 18 in core subjects

Actual class size is determined by grade level, classroom characteristics, and special needs.

School Readiness

- The base for success in school begins with the family at birth. First five years are critical for
 - Vocabulary development
 - Number concepts
 - Successful social interaction with other children
- Factors in readiness include
 - Family
 - Social network of churches, nonprofits, and others
 - Access to quality daycare and early education

School Readiness

Quality Day Care Participation

	Guilford County	NC Average
4 & 5 Star early care and preschool programs	39.7%	40.5%
At risk children (4 yrs) in high quality pre-K programs	72.1%	60.5%

Community Support

- Schools with PTA's: 91
- Schools with business partners: 50
- System business partners:
 - 46 schools adopted in *Fill the Bus*
 - 30+ companies participating in *Businesses for Excellence in Education*
- Donations – more than \$1.3 million (cash/non-cash) plus > \$675,000 for Eastern High School recovery

Two ways you can be involved

A break for a word from our sponsor..

■ Donors Choose

- On-line donation system where you can select and fund a project for a teacher/class in a County School

www.GuilfordEducationAlliance.org

And click on “Donors Choose”

■ School Supply Warehouse

- Receives donations of paper, supplies, etc. that can be used in classrooms. For info, contact Cecelia Adams at

Adamsc4@gcsnc.com

The Schools

- Overview of Guilford County Schools
- School Indicators

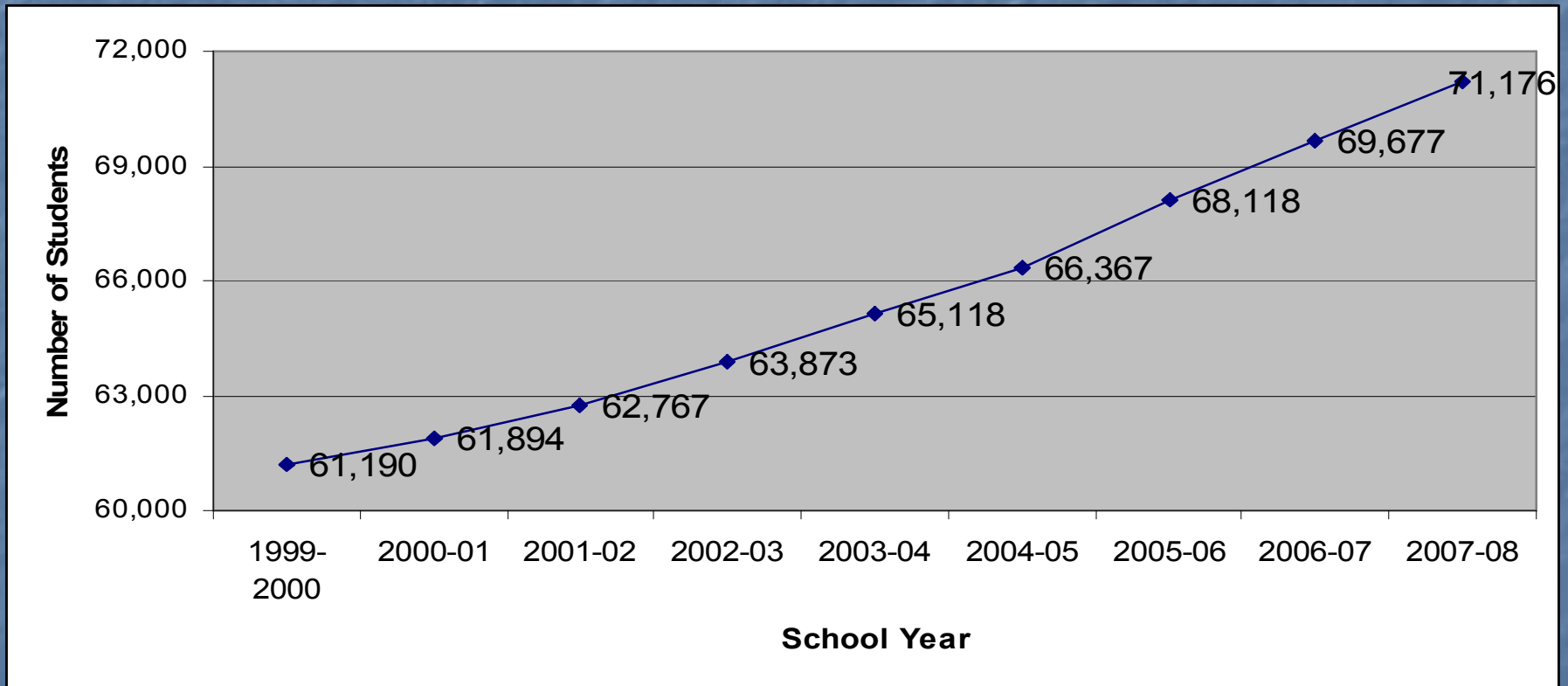
Guilford County Schools

Overview

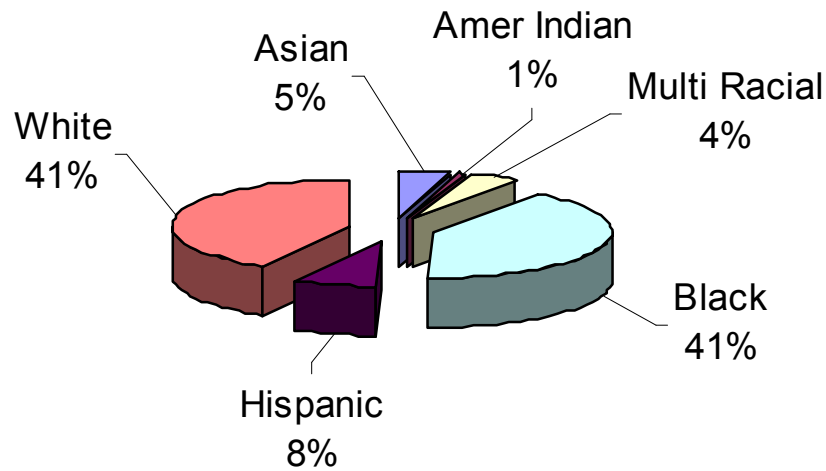
Total student enrollment – 70,409	<ul style="list-style-type: none"> • 32,162 elementary; 16,031 middle • 21,984 high; 232 special education
Number of schools -- 116	<ul style="list-style-type: none"> • 64 elementary; 20 middle • 27 high; 5 special
Magnet/choice schools -- 39	<ul style="list-style-type: none"> • 15 elementary; 5 middle • 18 high school; • 1 newcomers school
Students in magnet or high school options – 6,862	
Number of Graduates -- 4,400+	<ul style="list-style-type: none"> • 4,400 diplomas • 67 Certificates of Achievement • 19 Graduate Certificates • 11 Foreign Exchange Certificates

Guilford County Schools

Enrollment Growth



Guilford County Schools *Enrollment Composition*



Limited English – 5.9%

Special Ed – 14.9%

Free/Reduced Lunch – 48.6%

Guilford County Schools

Overview

Total Operating Budget	\$607,043,408
Capital Budget	\$255,547,278
Per pupil expenditure	\$7,848.98
Number of Full Time Employees	9,011
Number of Classroom Teachers	4,844

School Indicators

- School/Student Performance
- SAT/Advanced Placement
- Graduation Rate
- Drop Out/Suspension Rates
- Performance Beyond Graduation
- Teaching Staff/Leadership

School Performance

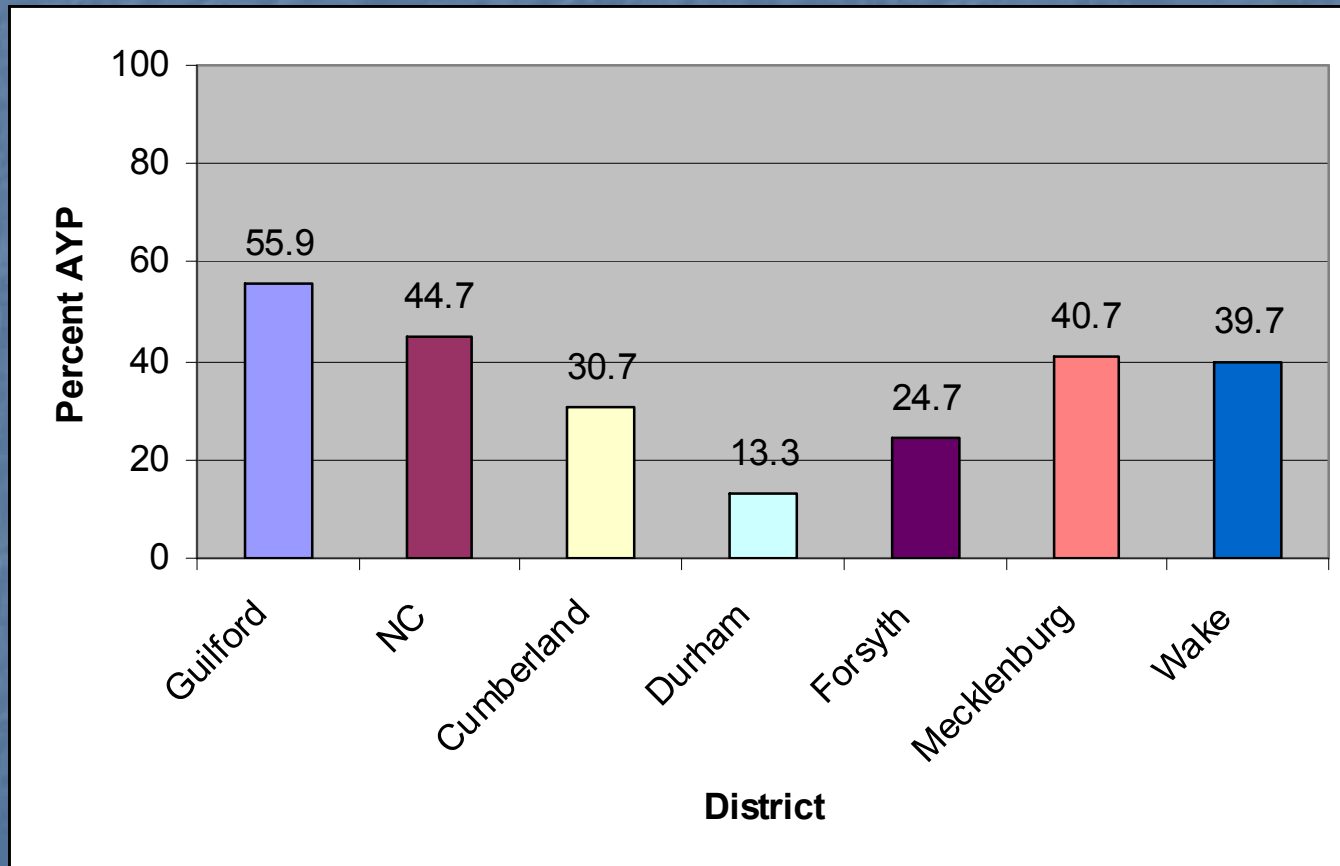
NCLB Adequate Yearly Progress

	Eligible schools	% making AYP	# making AYP	# not making AYP	# missing AYP by 1 or 2 categories
Total	111	55.9%	62	49	18
Elementary	65	53.8%	35	30	11
Middle	21	33.3%	7	14	4
High	23	78.3%	18	5	3
Special	2	100%	2	0	0

- Overall 11.4% increase over 2005-06
- High Schools increased from 47.6% to 78.3% making AYP

State Comparisons

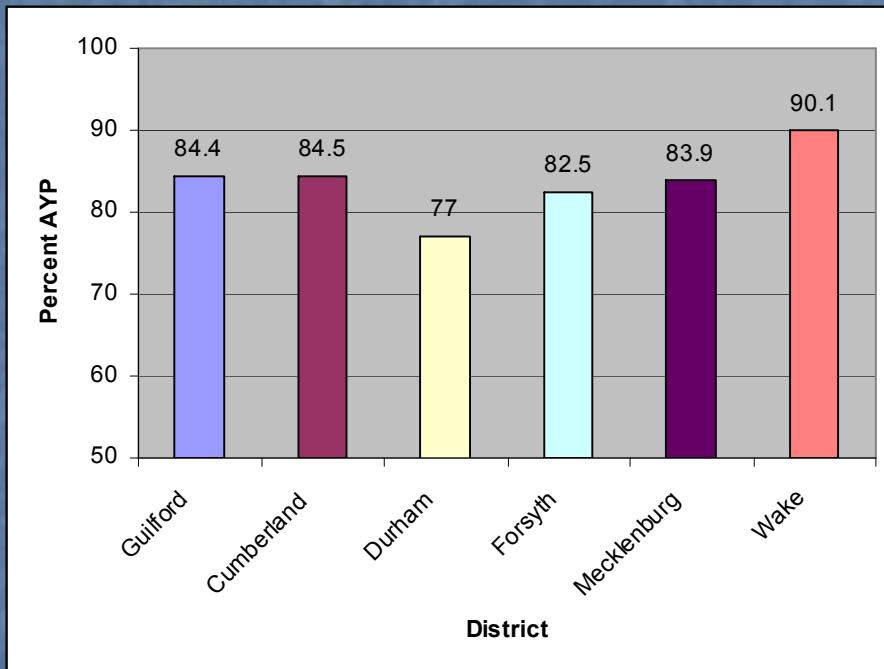
Adequate Yearly Progress



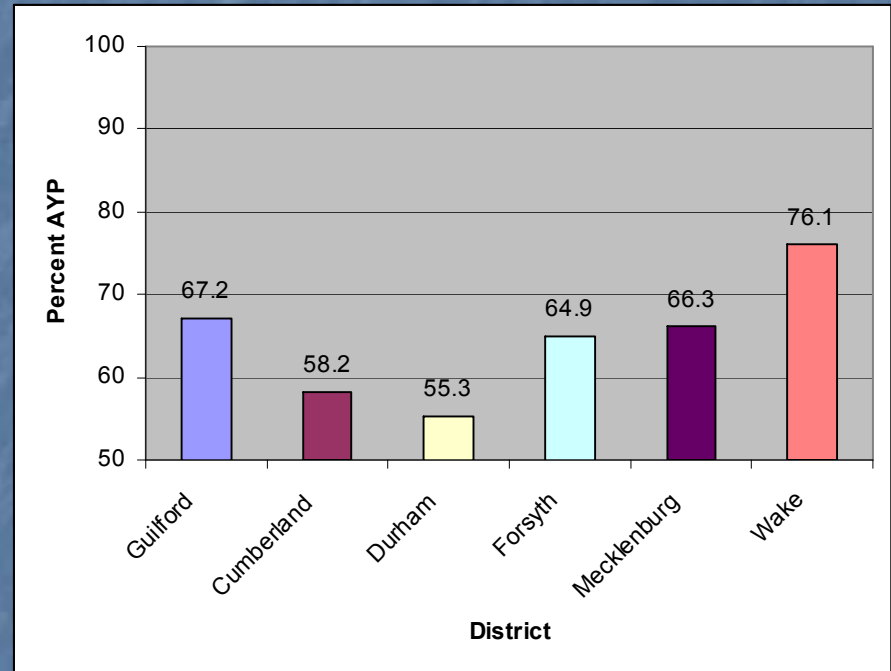
Student Comparisons

Reading/Math in Grades 3 thru 8

Reading

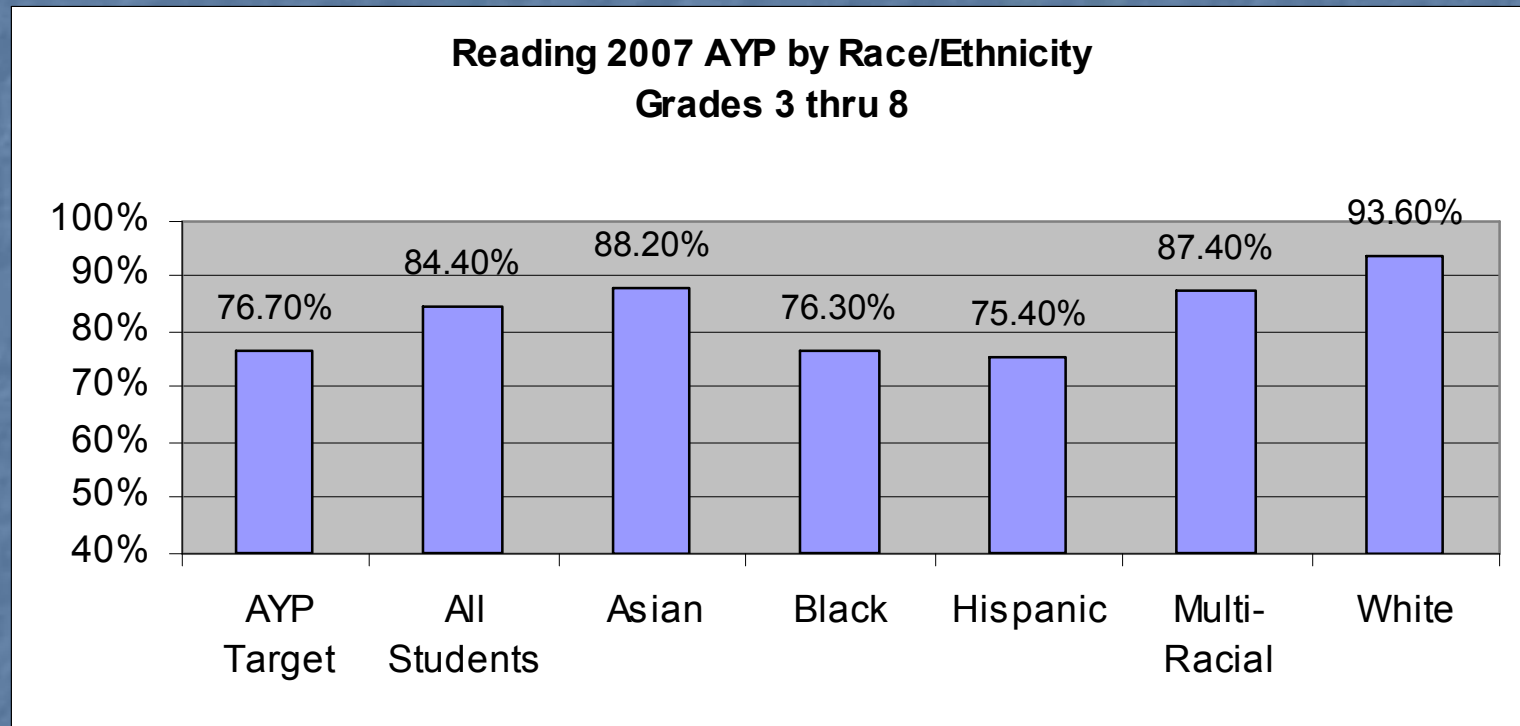


Math



Student Comparisons

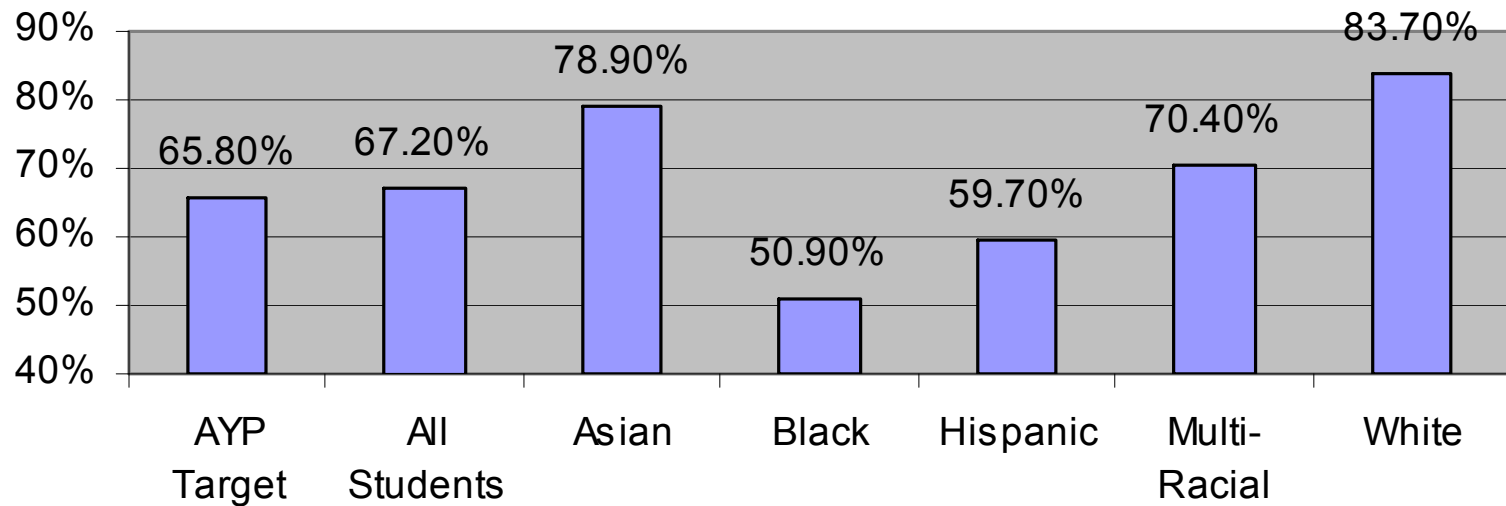
Race/Ethnicity



Student Comparisons

Race/Ethnicity

Math 2007 AYP by Race/Ethnicity
Grades 3 thru 8



SAT/Advanced Placement

Overall measures of high school performance

SAT	Guilford	NC	US	Cumb	Durham	Forsyth	Meck	Wake
Average total (2400)	1464	1486	1511	1395	1456	1501	1476	1562
Average reading/math subtotal (1600)	985	1004	1017	942	983	1013	996	1057
% students taking test	70.7%	71.0%	48%	54.0%	72.8%	66.4%	70.2%	79.8%

SAT/Advanced Placement

Comparison of top percents of test takers

	GCS Reading and Math Score (1600)	US Reading and Math Score (1600)
Top 10% of test-takers	1185	1182
<u>Top 48% of test-takers</u>	<u>1078</u>	<u>1017</u>
<ul style="list-style-type: none"> • African-American students • White students 	<ul style="list-style-type: none"> • 922 • 1168 	<ul style="list-style-type: none"> • 862 • 1061

SAT/Advanced Placement

Advance Placement Exams/Scores

District	Enrollment 2006-07	# AP Exams Taken	% Testing	% Scoring 3+
Guilford	71,176	8,393	11.8%	46.4%
Cumberland	52,938	849	1.6%	51%
Durham	32,749	2,553	7.8%	60%
Forsyth	50,909	3,346	6.6%	85%
Mecklenburg	129,011	11,145	8.6%	47.0%
Wake	128,072	8,205	6.4%	75.5%

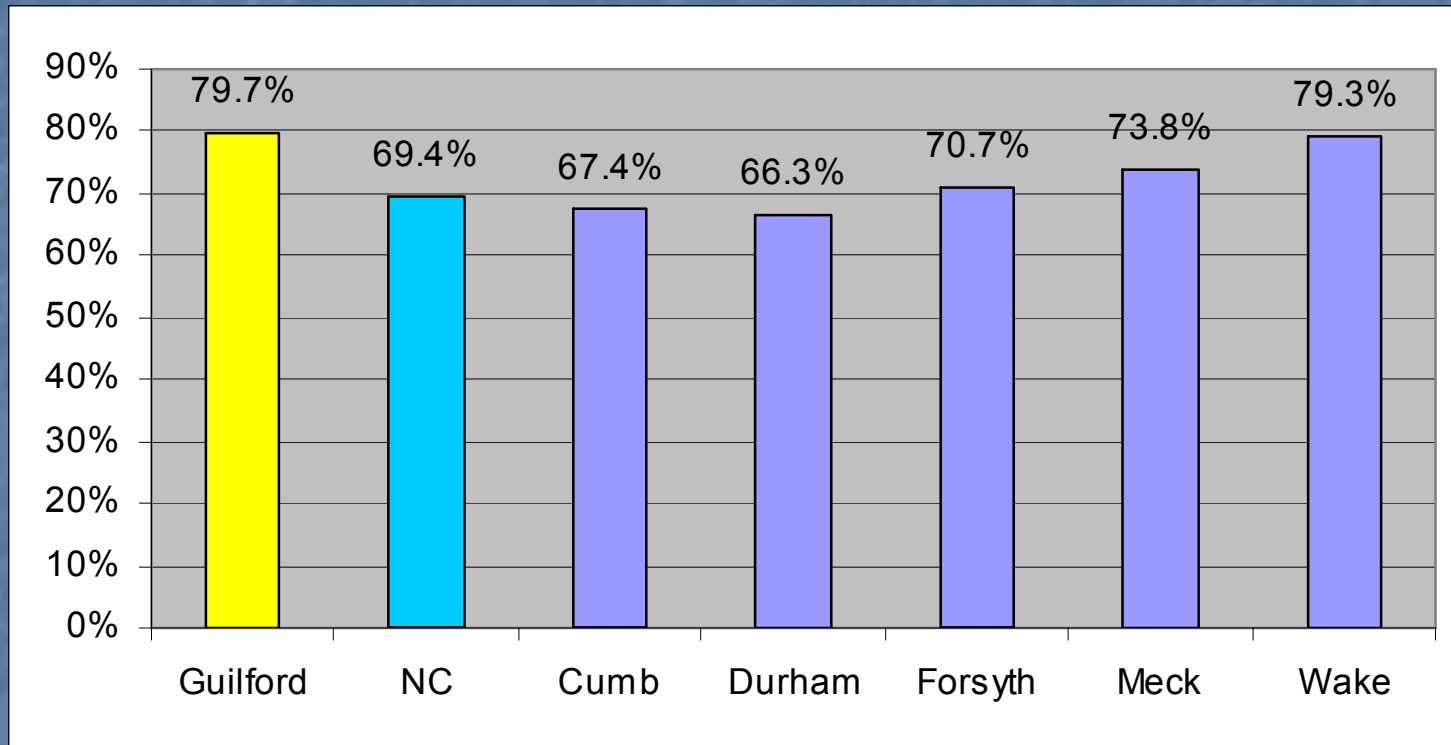
SAT/Advanced Placement

Advance Placement Exams/Scores

	All	White	Black	Amer. Indian	Hispanic	Asian	Other	No Response
# AP students	4278	2901	693	24	126	244	146	144
AP exams taken	8393	5750	1281	51	218	534	297	262
AP scores 3 or better	3897	3066	264	21	100	223	126	97
% of scores 3 or better	46.4	53.3	20.6	41.1	45.8	41.7	42.4	37

2006-07 Graduation Rate

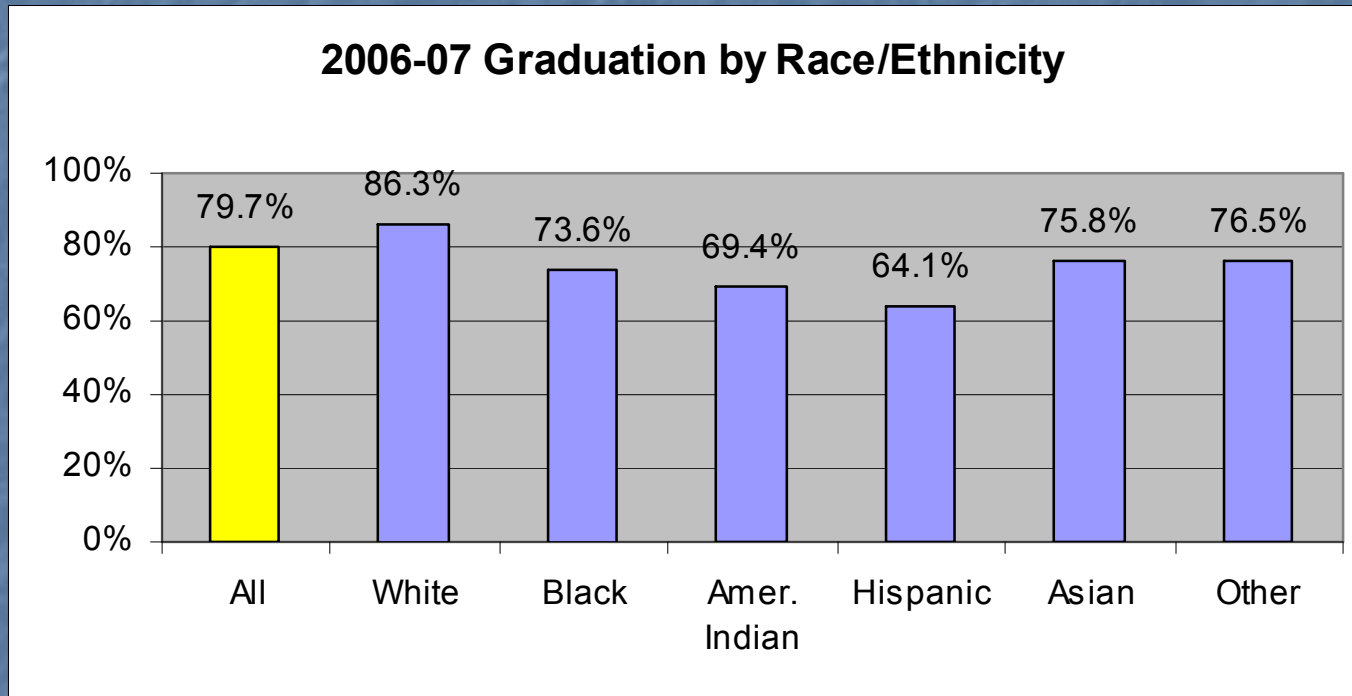
Compared to NC/Counties



Percent of 2002-03 9th graders graduating in four years

Graduation Rate

Guilford County By Race/Ethnicity



Percent of 2002-03 9th graders graduating in four years

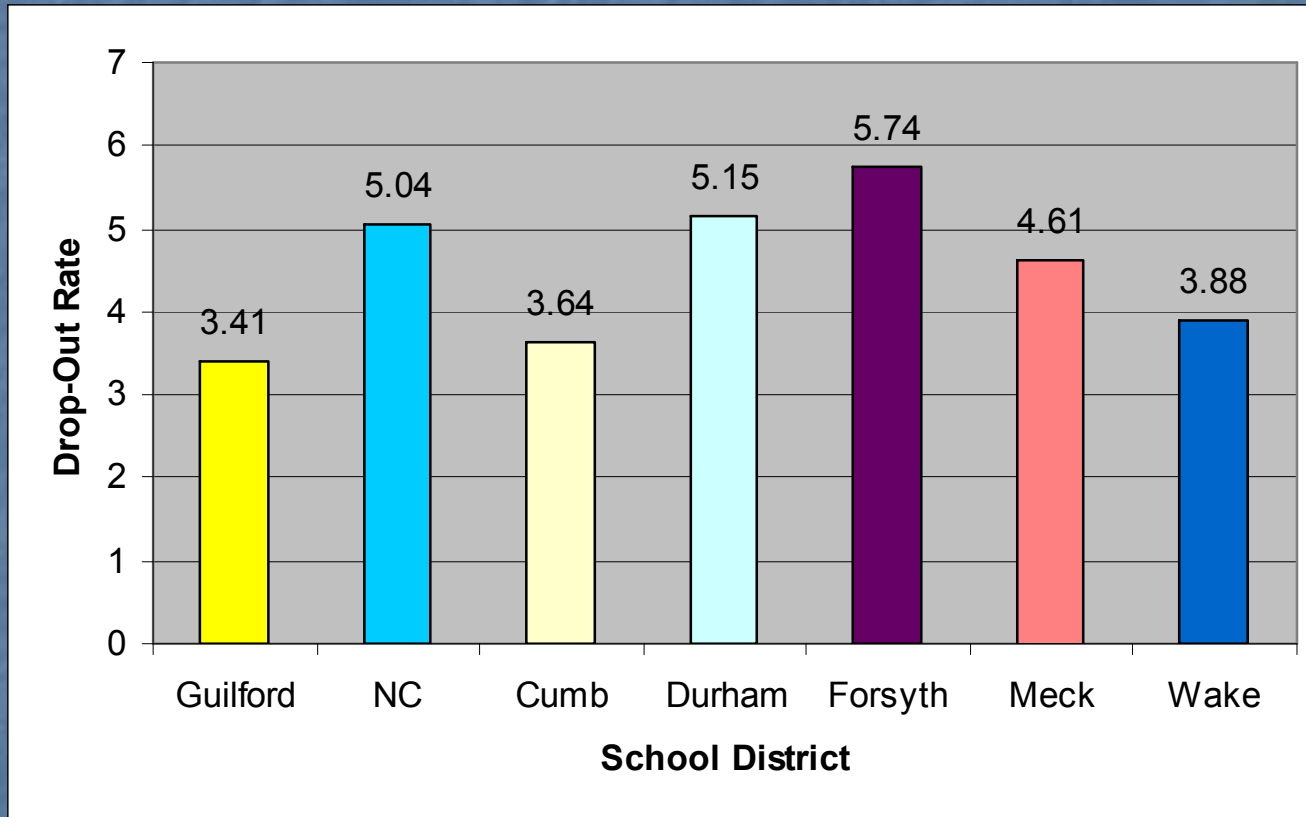
Drop Out Rate

Guilford County By Race/Ethnicity

	All	White	Black	Amer. Indian	Hispanic	Asian	Other
Drop-out #	766	222	429	6	58	34	17
% of total	100%	28.98%	56.01%	0.78%	7.57%	4.44%	2.22%
% of total enrollment		41.8%	40.9%	0.5%	7.6%	4.8%	4.3%

Drop Out Rate

2005–06 NC Comparisons



2006-07 Suspensions

Guilford County by Race/Ethnicity

- 6,507 students received 12, 394 short term suspensions
- 87 students received 91 long term suspensions

Suspensions	White	Black	Hispanic	Amer Ind.	Asian	Multi-racial	?
Short-term suspensions/ students	1,318	4,475	303	47	94	267	3
Short-term suspensions	2,282	8,838	504	101	151	514	4
Long-term suspensions/ Students	14	67	1	1	0	4	0
Long-term suspensions	15	70	1	1	0	4	0
Total number of students in GCS	29,033	28,430	5,377	361	3,466	2,995	n/a

Performance beyond Graduation

At UNC System Institutions

Fall 2005 Freshmen	GCS	NC	Cumb	Durham	Forsyth	Meck	Wake
% = or > 2.0 GPA	73.3	78.3	88.7	73.6	73.3	81.5	85.8
% = or > to 3.0 GPA	35.1	40.5	26.7	37.2	35.6	42.2	49.4
% Who Returned for Yr 2	77.8	81	73.6	81.3	79.4	83.8	87.4
% in Remedial English	2.7	2.5	3.1	5.2	4.6	2.4	2
% in Remedial Math	6.2	7.4	7.9	18	8.8	11.4	4.3
% in the Honors Program	5.8	8.8	9.2	5.6	7.2	6	10.8
Fall 2004 Freshmen							
% Who Returned for Yr 3	70	71.4	65.8	73.9	70.3	75.1	75.8
% Graduated in 5 Yrs or Less	52.4	54.9	43.1	50.4	52.7	58.6	63.4

Performance beyond Graduation

At GTCC

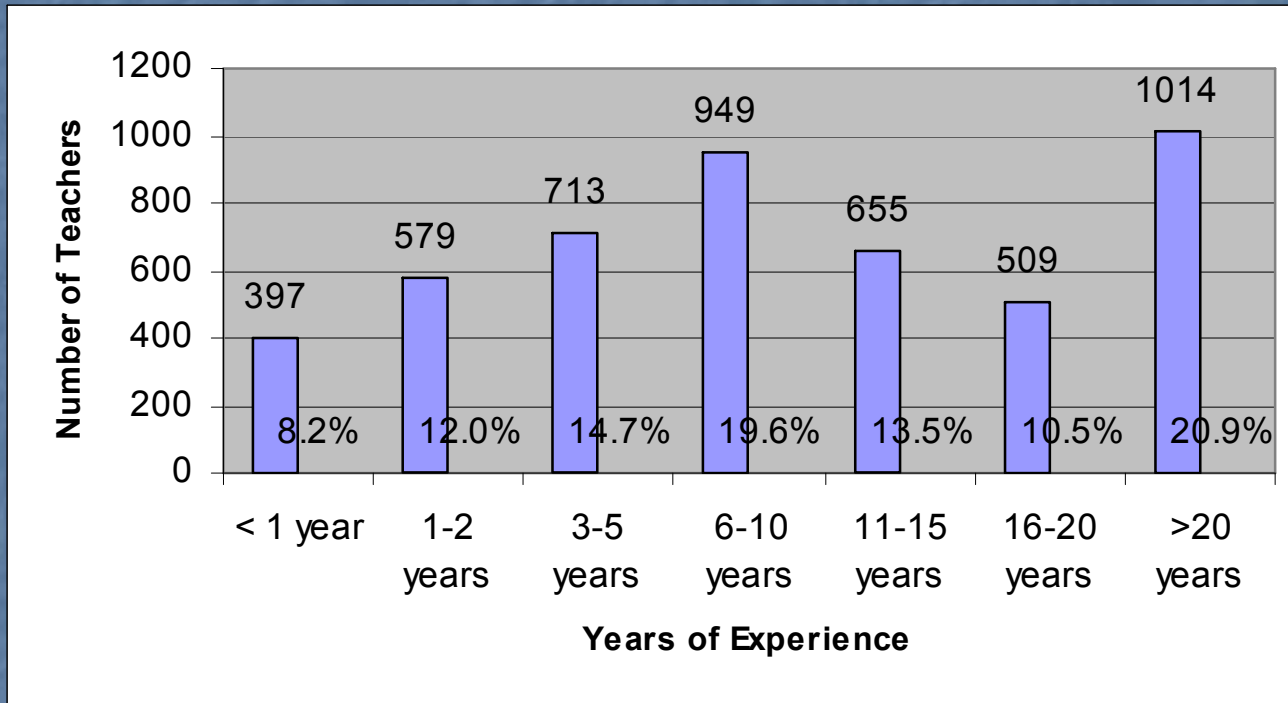
Requiring remedial reading	39%
Requiring remedial English	36%
Requiring remedial math	85%
Completing program coursework	81.6%
Students earning C or better	63.1%
Average GPA	2.53

Teaching Staff/Leadership

Teaching Staff Profile

- 4,844 classroom teachers in 2006-07
- 1,198 (24.7%) are in first 3 years of teaching
- 646 (13.3%) are “lateral entry”
 - Content expertise; study for teaching license over 3 years
- 1,287 (26.6%) have advanced degrees
- 347 (7.7%) are certified by National Board for Professional Teaching Standards

Teaching Staff/Leadership *Teacher Experience – 2006-07*



Teaching Staff/Leadership

Teacher Turnover

	Guilford	NC	Cumb	Durham	Forsyth	Meck	Wake
Total Teachers	5,215	101,229	3,503	2,302	4,428	8,954	8,091
Teachers Leaving	709	12,730	464	442	418	1,349	757
Leaving with Tenure	288	3,917	157	107	0	348	267
% Turnover	13.6	12.58	13.25	19.2	9.43	15.07	9.36
Five-year average %	11.38	12.57	11.3	17.36	9.41	16.51	10.12

As of 2005 - 2006

Teaching Staff/Leadership *Teacher Turnover ... cont'd*

	Guilford	Cumb	Durham	Forsyth	Meck	Wake
Retired w/ full benefits	13.26	11.42	5.43	11.72	8.60	10.83
To teach elsewhere in N.C.	16.36	5.60	24.89	10.77	0.00	11.23

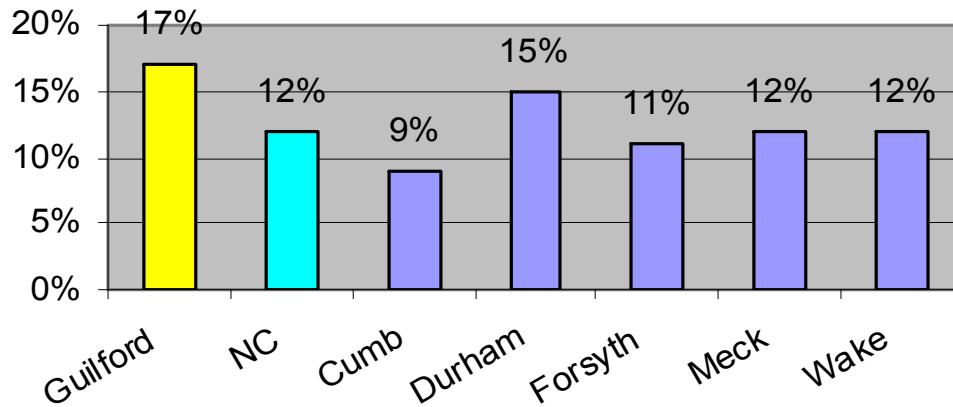
Teaching Staff/Leadership *2006-07 Principal Profile*

- 33% male; 67% female
- 56 % White; 42% Black; 2% Other race/ethnicity
- 24% have advanced degree beyond master's

Experience	GCS	N.C.
0-3 years	50%	48%
4-10 years	32%	37%
> 10 years	18%	16%

Teaching Staff/Leadership *Principal Profile*

2006-07 Turnover rate



**GCS Principals
Time in Current Position**

0 to 1 yrs	21%
2 yrs	28%
3 yrs	19%
4 to 5 yrs	24%
6 to 8 yrs	4%
9+ yrs	4%

First things first...

- Let's recognize and applaud our school leadership for its willingness to try new ideas and to take risks to improve education
- Let's agree that education is a responsibility of all citizens and not something we just assign to the schools

Conclusions and Questions

- Funding the schools is an investment in our future.
 - Is Guilford County making an appropriate level of investment?
- Readiness for school is a key indicator of success
 - Can we do more to prepare children to enter school?
- Gaps between races/ethnic groups remain too large
 - Are we willing to make systemic changes to close the gaps?
- College readiness is critical for the future economy
- Teachers and principals are the front line to success
 - Are we willing to pay adequate salaries and improve working conditions?

Education must be the TOP priority of all citizens of Guilford County so that each resident can reach his or her educational potential