



# 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

# 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

- *Overviews*
  - Guilford County
  - Guilford County Schools
  - Other choices
- *Indicators*
  - School/Student Performance
  - Teaching Staff/Leadership
  - Community Support/Participation
- What comes next?

# *The Community*

- Overview of Guilford County

# Guilford County

## *Demographics*

	<b>2006</b>	<b>2007</b>
<b>Population Total</b>	451,905	465,931
<b>White</b>	61.6%	61.5%
<b>Black</b>	30.3%	31.3%
<b>Hispanic</b>	5.7%	6.0%
<b>American Indian</b>	0.4%	0.5%
<b>Asian</b>	3.4%	3.1%
<b>Multi-racial</b>	1.2%	1.4%
<b>Other</b>	3.0%	3.5%

# Guilford County

## *Economics*

	<b>2006</b>	<b>2007</b>	<b>Change</b>
<b>Per capita income</b>	\$26,179	\$25,572	-2.3%
<b>Median household income</b>	\$48,738	\$52,242	+7.2%
<b>Median house value</b>	\$146,900	\$153,400	+4.4%
<b>Unemployment rate</b>	4.8%	7.1%	+47.9
<b>Population below poverty rate</b>	14.8%	15.7%	+6.1%
<b>Children receiving food stamps</b>	18.2%	18.2%	---
<b>Children who are Work First recipients</b>	1.0%	0.8%	-.2%

# Guilford County

## *Education Levels*

*25 and older*

	<b>2006</b>	<b>2007</b>
<b>Less than high school diploma</b>	14.8%	13.6%
<b>High school diploma</b>	25.3 %	27.9%
<b>Some college – no degree</b>	21.2%	19.1%
<b>Associate's degree</b>	6.6%	6.5%
<b>Bachelor's degree</b>	21.8%	22.0%
<b>Graduate or professional degree</b>	10.0%	10.9%

# *Education in Guilford County*

- Overview of Guilford County Schools
- Other educational choices
- Performance Indicators

# Guilford County Schools

## *Overview*

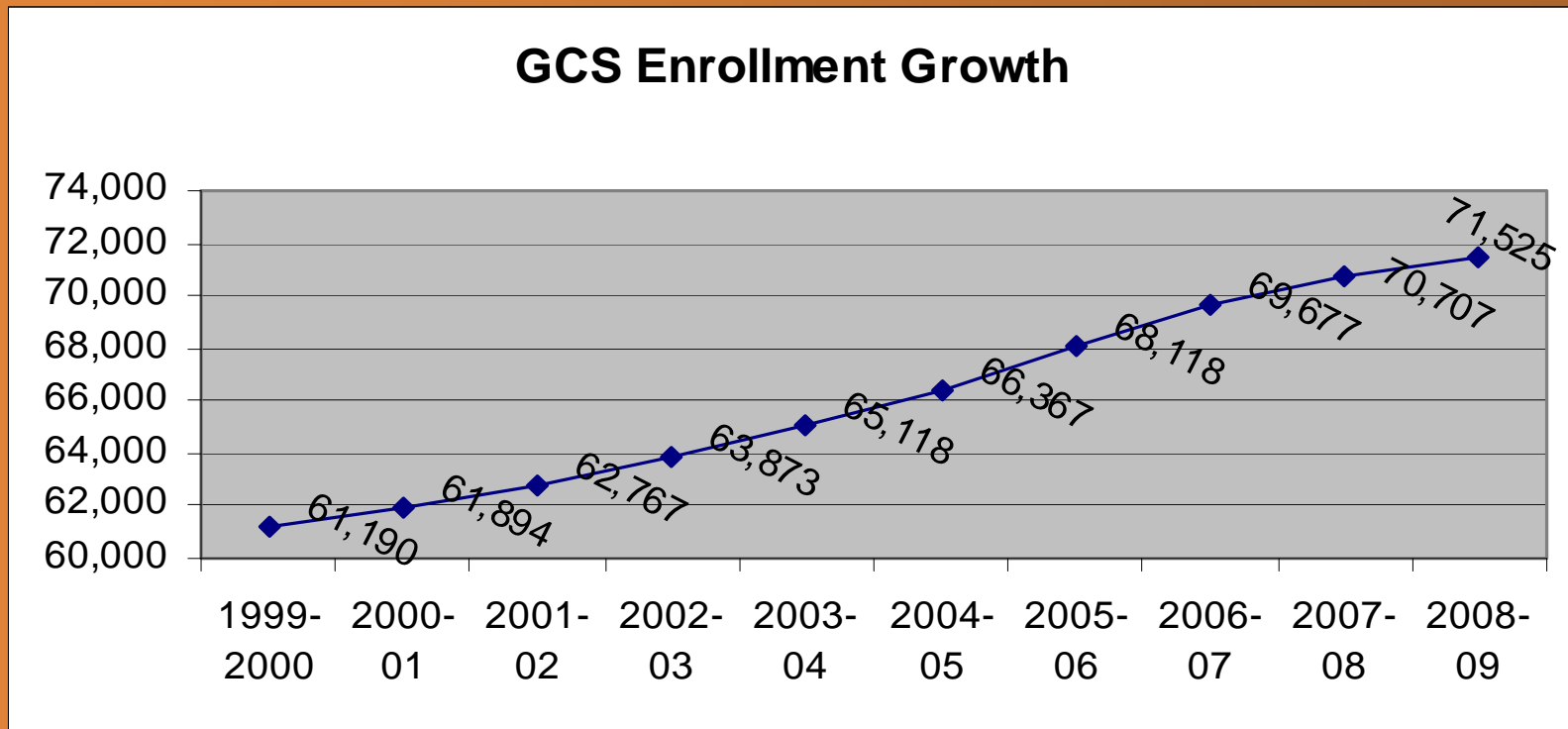
<b>Total student enrollment –</b>	<b>71,176</b>	<ul style="list-style-type: none"> <li>• 32,815 elementary; 16,031 middle</li> <li>• 21,984 high; 232 special education</li> </ul>
<b>Number of schools --</b>	<b>120</b>	<ul style="list-style-type: none"> <li>• 67 elementary; 22 middle</li> <li>• 26 high; 7 special</li> </ul>
<b>Magnet/choice schools --</b>	<b>44</b>	<ul style="list-style-type: none"> <li>• 17 elementary schools</li> <li>• 8 middle schools</li> <li>• 19 high schools</li> <li>• 1 newcomers school</li> </ul>
<b>Students in magnet or high school options –</b>	<b>7,051</b>	
<b>Number of Graduates --</b>	<b>4,400+</b>	<ul style="list-style-type: none"> <li>• 4,400 diplomas</li> <li>• 67 Certificates of Achievement</li> <li>• 19 Graduate Certificates</li> <li>• 11 Foreign Exchange Certificates</li> </ul>

# Guilford County Schools *Overview*

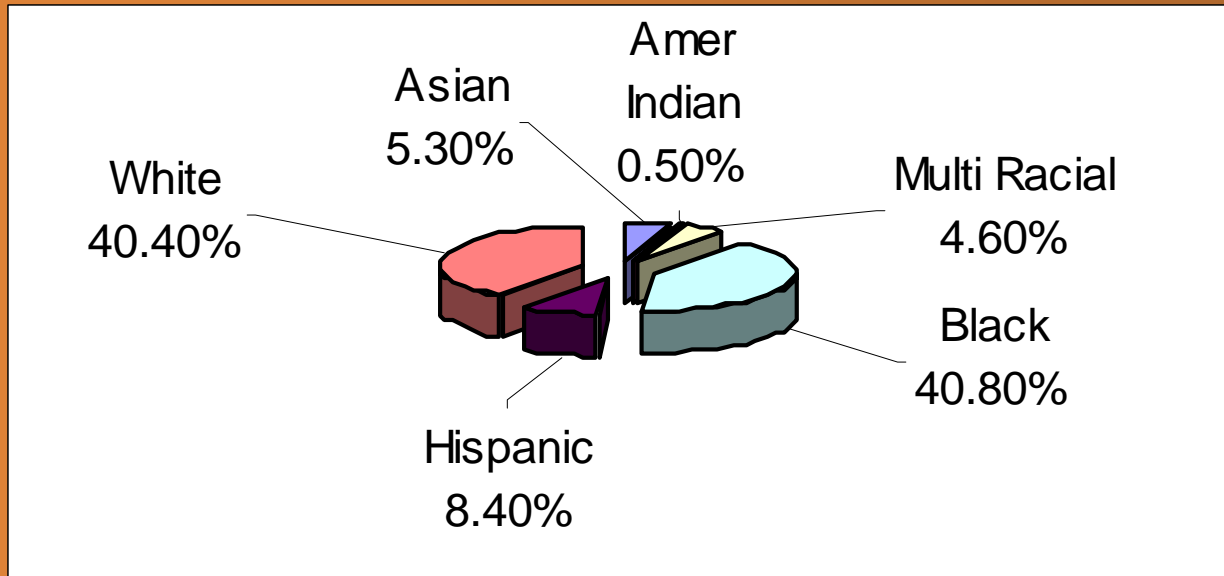
<b>Total Operating Budget</b>	<b>\$597,703,444</b>
<b>Capital Budget – 2006-07</b>	<b>\$255,547,278</b>
<b>Per pupil expenditure</b>	<b>\$8,397</b>
<b>Number of Full Time Employees</b>	<b>9,386</b>
<b>Number of Classroom Teachers</b>	<b>4,976</b>

# Guilford County Schools

## *Enrollment Growth*



# Guilford County Schools *Enrollment Composition*



Number Languages/Dialects -- 86

# Cultural/Ethnic Groups -- 109

Limited English – 7.0%

Special Ed – 14.7%

Free/Reduced Lunch – 48.6%

# Program Variety

## Magnet School Themes

Communications

Leadership

Traditional

Newcomers

Global Studies

Montessori

Intl Baccalaureate

Science

Technology

Spanish Immersion

Mandarin Chinese

Arts

Advanced Academics

Career/Technical

Education & Science

Single-Gender Middle College

Middle College

# Career/Tech Prep Programs

Air Conditioning Engineering

Banking/Financial Services

Construction Technology

Early Childhood Education

Heavy Equipment & Transport  
Technology

Medical Technology

Air Conditioning Engineering

Automotive Technology

Chemical Process Technology

Culinary Arts & Hospitality

Electrical Technology

Information Technology

Metals & Manufacturing  
Technology

Automotive Technology

# Other Educational Choices

	2006-07	2007-08
Charter schools	3	3
-- Charter school enrollment	1,362	1,254
Private schools	30	30
-- Private school enrollment	6,907	7,122
Home schools	1,368	1,466
-- Est home school enrollment	2,641	2,642

# Performance Indicators

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

# School Performance

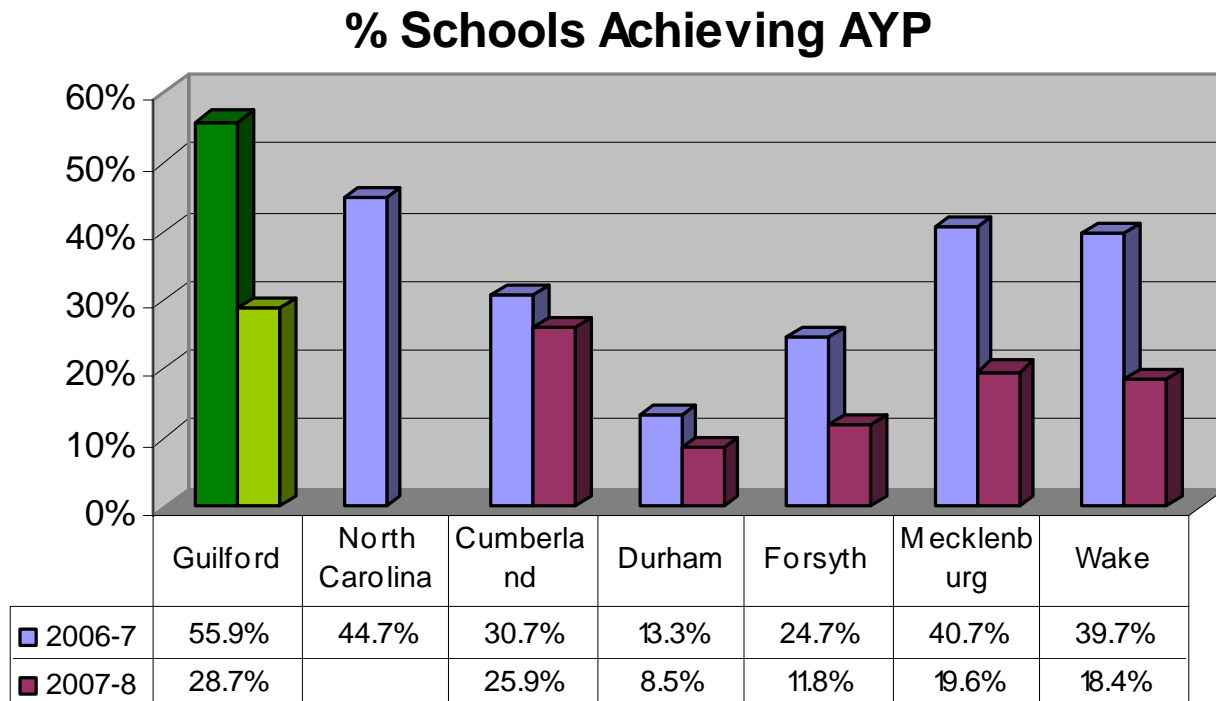
## *NCLB Adequate Yearly Progress*

	Eligible schools	% making AYP	# making AYP	# not making AYP	# missing AYP by 1 or 2 categories
<b>Total</b>	115	28.7%	33	82	27
<b>Elementary</b>	67	32.8%	22	45	13
<b>Middle</b>	20	15.0%	3	17	5
<b>High</b>	26	30.8%	8	18	9
<b>Special</b>	2	0%	0	2	0

- Significant decline over 2006-7; standards increased with reading proficiency

# State Comparisons

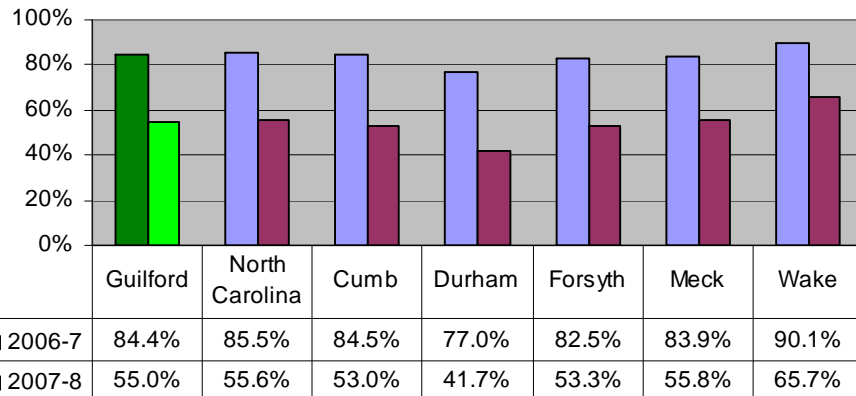
## *Adequate Yearly Progress*



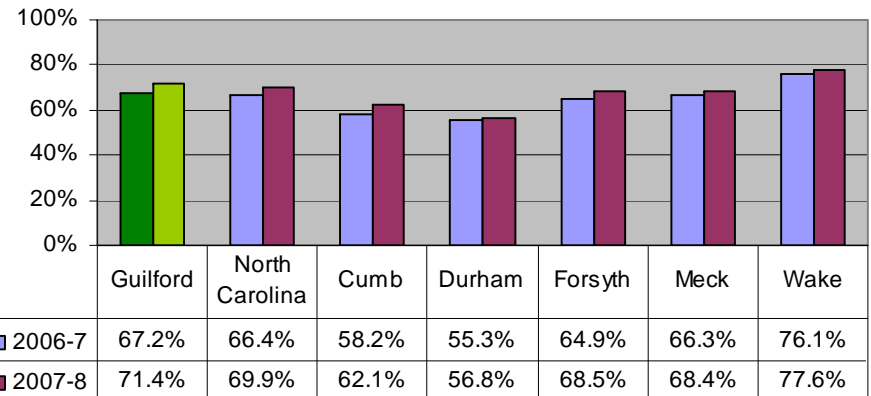
# Student Performance

## *Reading/Math AYP in Grades 3 thru 8*

### Reading



### Math



# SAT Performance

*Overall measures of high school performance*

	<b>Guilford</b>	<b>NC</b>	<b>US</b>	<b>Cumb</b>	<b>Durham</b>	<b>Forsyth</b>	<b>Meck</b>	<b>Wake</b>
<b>Average Total (2400)</b>	<b>1471</b>	1489	1511	1399	1436	1497	1489	1565
<b>Average Reading &amp; Math 1600)</b>	<b>991</b>	1007	1017	946	967	1009	1006	1059
<b>% of Students Taking Test</b>	<b>65.0%</b>	63%	45%	53.2%	68.4%	64.5%	68.4%	73.6%

# SAT Performance

## *Comparison of top percents of test takers*

	GCS Reading and Math Score (1600)	US Reading and Math Score (1600)
Top 10% of test-takers	1174	1171
<u>Top 45% of test-takers</u>	<u>1096</u>	<u>1017</u>
• African-American students	• 924	• 856
• White students	• 1175	• 1065

# Advanced Placement

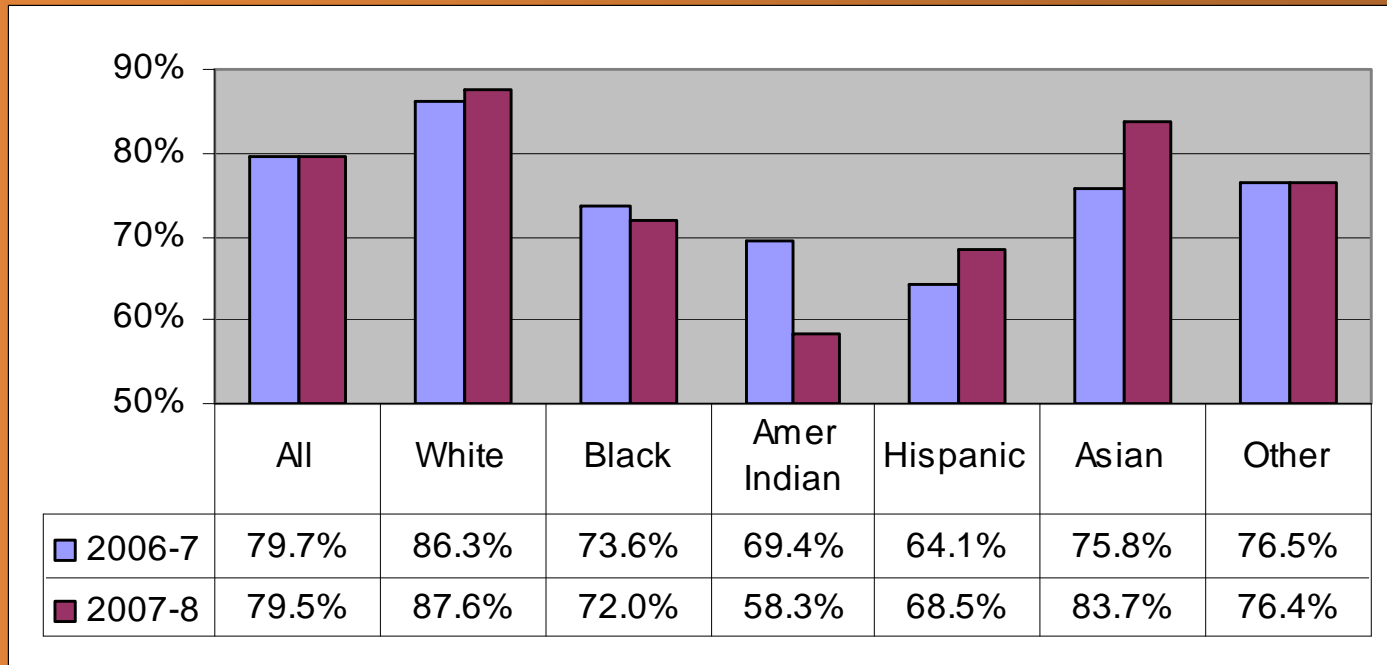
## *Advanced Placement Exams/Scores*

<b>2006-07</b>	<b>All</b>	<b>White</b>	<b>Black</b>	<b>Amer. Indian</b>	<b>Hispanic</b>	<b>Asian</b>	<b>Other/No Response</b>
<b>Students taking AP classes</b>	4,278	2,901	693	24	126	244	290
<b>AP exams taken</b>	8,393	5,750	1,281	51	218	534	559
<b>AP scores 3 or better</b>	3,897	3,066	264	21	100	223	223
<b>% AP scores 3 or better</b>	46.4	53.3	20.6	41.1	45.8	41.7	39.9

<b>2007-08</b>	<b>All</b>	<b>White</b>	<b>Black</b>	<b>Amer. Indian</b>	<b>Hispanic</b>	<b>Asian</b>	<b>Other/No Response</b>
<b>Students taking AP classes</b>	4,604	3,079	740	24	160	294	307
<b>AP exams taken</b>	8,977	6,107	1,259	51	294	657	609
<b>AP scores 3 or better</b>	4,020	3,116	244	17	117	291	235
<b>% AP scores 3 or better</b>	44.8	51	19.4	33.3	39.8	44.3	38.6

# GCS Graduation Rate

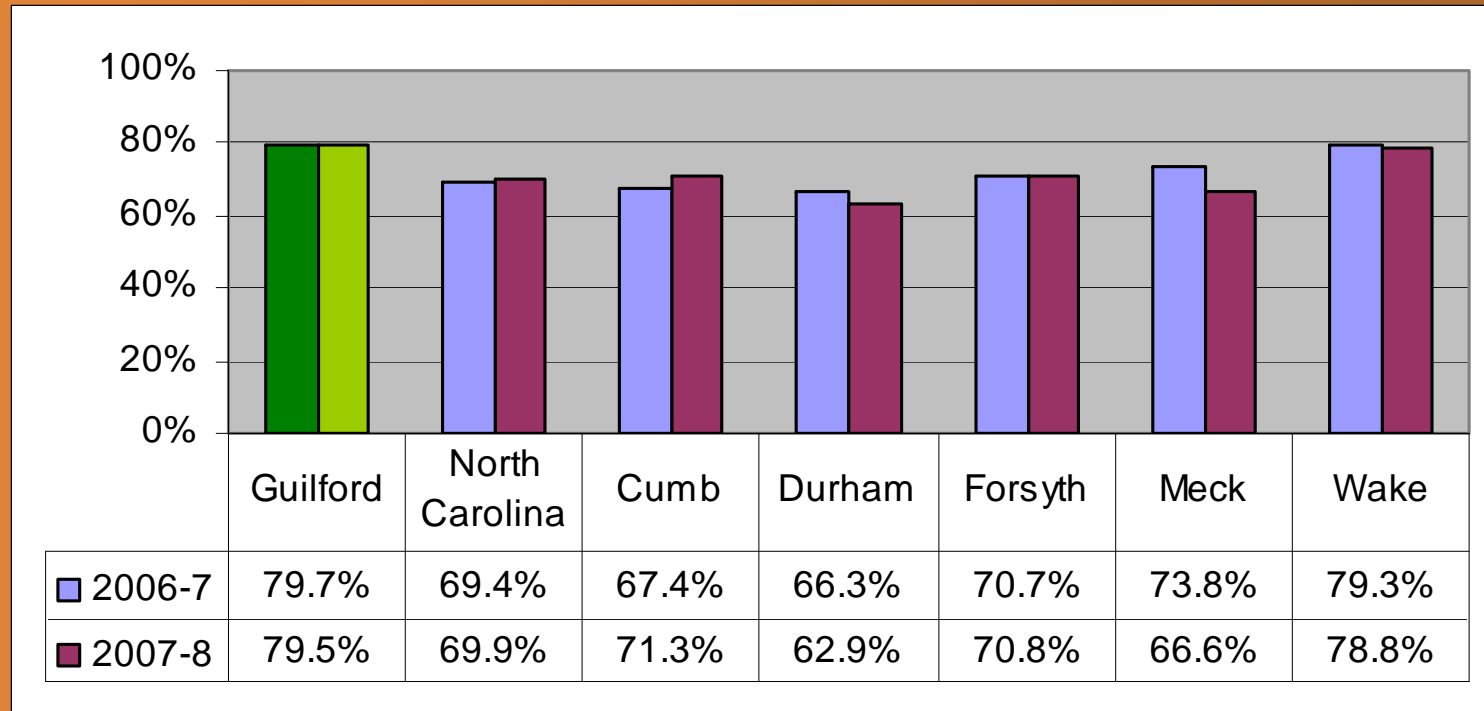
Percent of 2003-04 first time 9<sup>th</sup> graders graduating in four



- 8 NC high schools graduated 100% -- 3 in Guilford County: Weaver Academy, Middle College at Greensboro College, Early College at Guilford College
- Northwest: 92.7%; Southwest: 92.1%; Western: 91.9%

# Graduation Rate

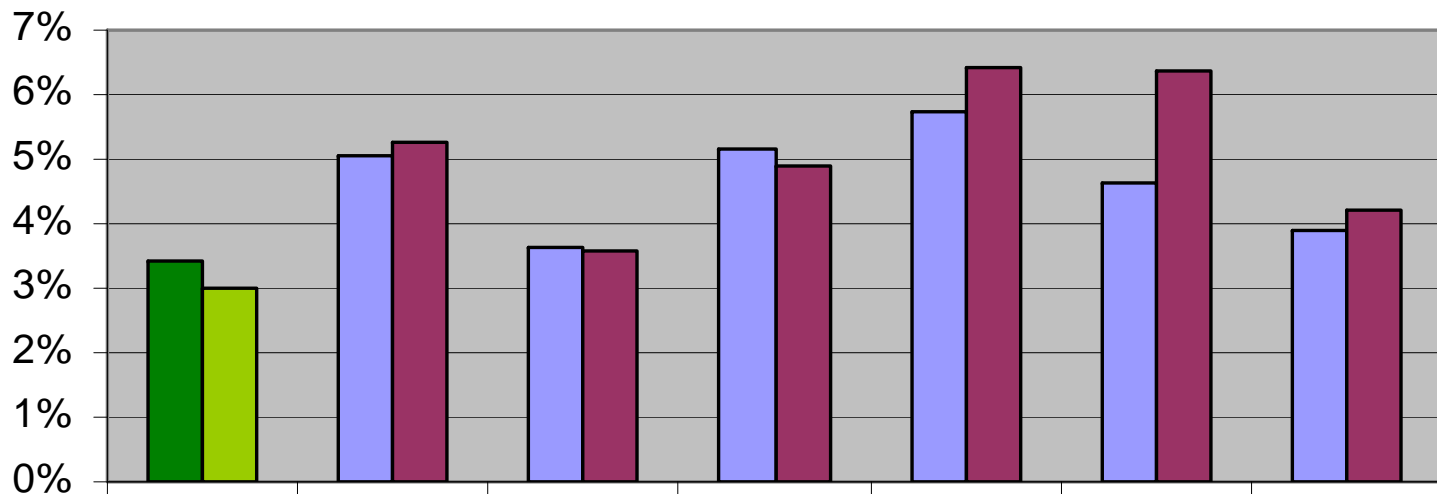
## *Compared to NC/Counties*



Percent of 2003-04 first time 9<sup>th</sup> graders graduating in four years

# Drop Out Rate

## 2006-07 NC Comparisons



	Guilford	NC	Cumb	Durham	Forsyth	Meck	Wake
■ 2005-06	3.41%	5.04%	3.64%	5.15%	5.74%	4.61%	3.88%
■ 2006-07	2.99%	5.24%	3.56%	4.90%	6.43%	6.39%	4.21%

# GCS Drop Out Rate

## *By Race/Ethnicity*

	2005-6	% Dropout	# Enrollment	2006-7	% Dropout	# Enrollment
All	766			680		
White	222	28.98%	41.80%	201	29.56%	40.40%
Black	429	56.01%	40.90%	369	54.26%	40.80%
Amer Indian	6	78.00%	0.50%	15	2.21%	0.50%
Hispanic	58	7.57%	7.60%	49	7.21%	8.40%
Asian	34	4.44%	4.80%	22	3.24%	5.30%
Other	17	2.22%	4.30%	24	3.53%	4.60%

# GCS Suspensions/Expulsions 2006 – 07 Academic Year

	Total		White		Black		All Other	
	Students	#	Students	#	Students	#	Students	#
Short term Suspension	6,678	12,021	1,288	2,282	4,587	8,590	711	1,387
Long term Suspension	100	100	22	22	70	70	8	8

# Teaching Staff/School Leadership

- Teaching Staff
- Principals

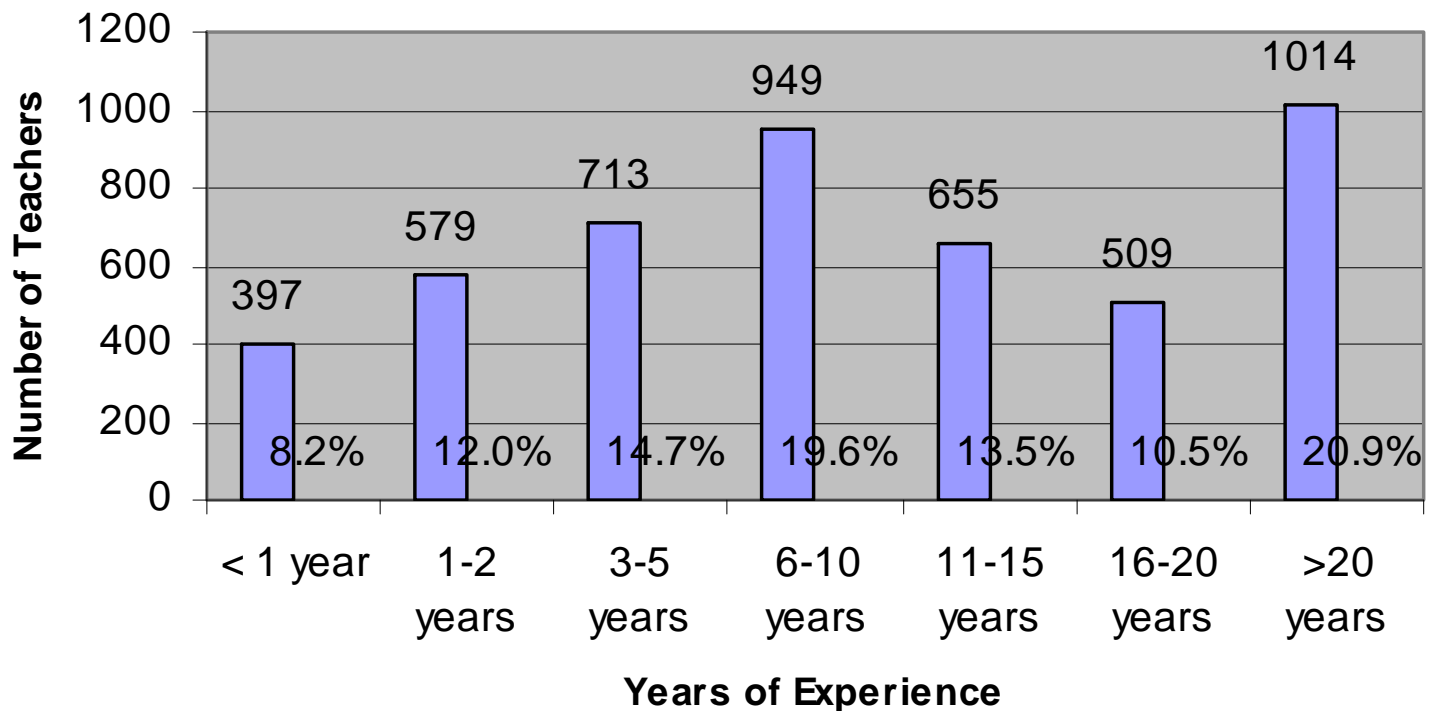
# Teaching Staff

## *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

## *Teacher Experience – 2006-07*



# Teaching Staff

## *2006 – 07 Teacher Turnover*

	<b>Guilford</b>	<b>NC</b>	<b>Cumb</b>	<b>Durham</b>	<b>Forsyth</b>	<b>Meck</b>	<b>Wake</b>
<b>Total Teachers</b>	5,538	103,765	3,544	2,233	3,931	8,921	8,644
<b>Teachers Leaving</b>	738	12,776	488	373	398	1,411	867
<b>Leaving with Tenure</b>	253	4,163	175	96	123	378	292
<b>Turnover Percentage</b>	13.33	12.31	13.78	16.70	10.12	15.82	10.03
<b>Five-year average</b>	12.04	12.53	12.11	17.86	9.39	15.82	10.23

# Teaching Staff

## *Teacher Turnover ... reasons*

	Guilford	NC	Cumb	Durham	Forsyth	Meck	Wake
<b>Staying in education</b>	24.53%	22.07%	14.96%	32.98%	15.08%	6.16%	16.49%
<b>Turnover beyond control</b>	34.01%	43.19%	47.75%	36.19%	49.75%	38.27%	42.79%
<b>Turnover that might be reduced</b>	28.73%	27.99%	36.68%	29.76%	32.41%	48.41%	31.49%
<b>Turnover initiated by district</b>	12.74%	6.74%	0.61%	1.07%	2.76%	7.16%	9.23%

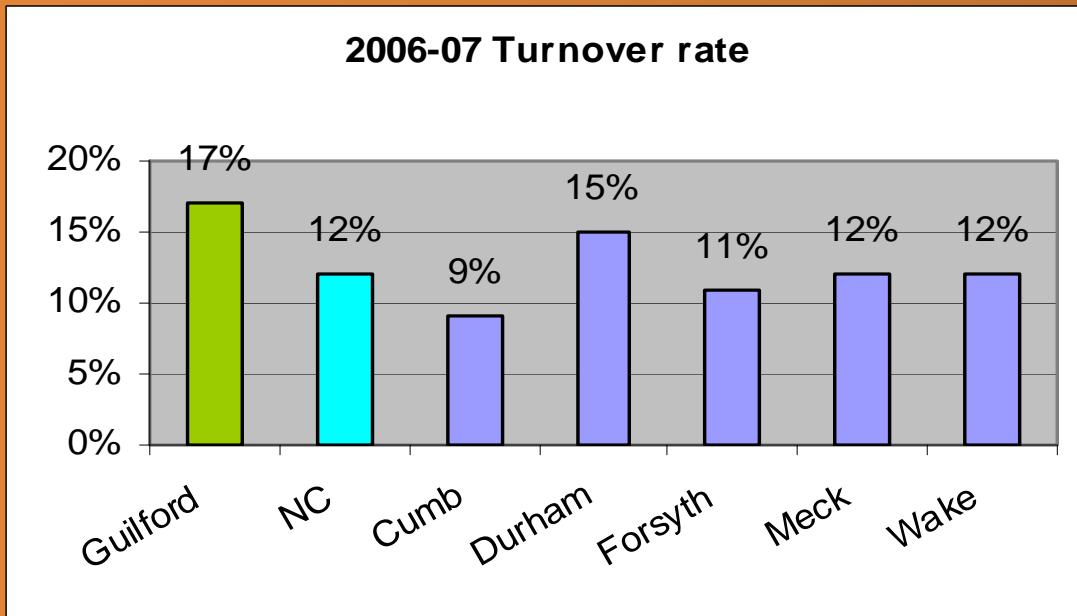
# School Leadership

## *2006-07 Principal Profile*

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

<b>Experience</b>	<b>GCS</b>	<b>N.C.</b>
<b>0-3 years</b>	50%	48%
<b>4-10 years</b>	32%	37%
<b>&gt; 10 years</b>	18%	16%

# School Leadership *Principal Profile*



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%

# Community Indicators

*Tools and Support to make education successful*

- Funding
- Readiness
- Participation

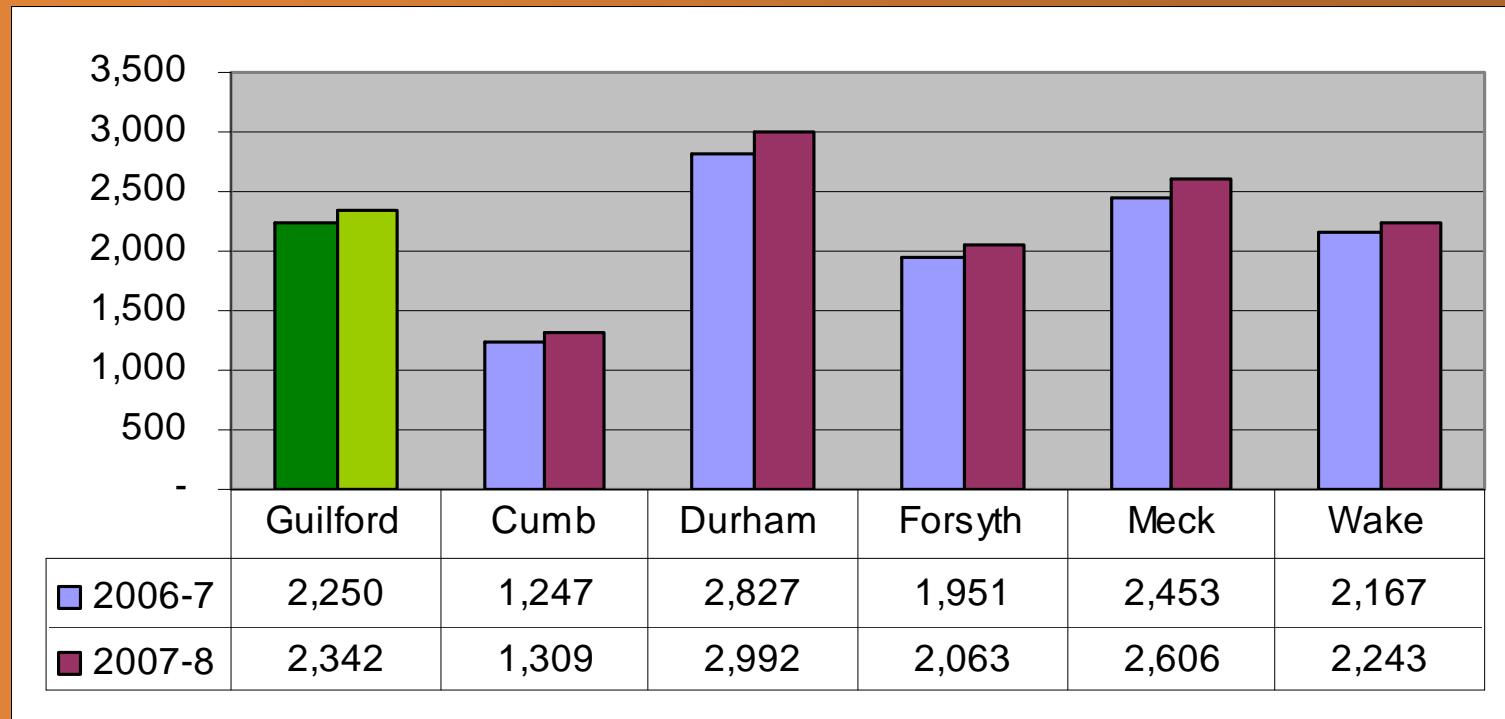
# Community Indicators

## *Funding*

- Local funding per pupil -- \$2,342
  - 3<sup>rd</sup> in district size in North Carolina
  - 10<sup>th</sup> in County appropriations per student
- Total County funding -- \$222,849,429
  - 77% to County Schools operating and capital budgets
  - 23% to GTCC and debt service

# Community Indicators

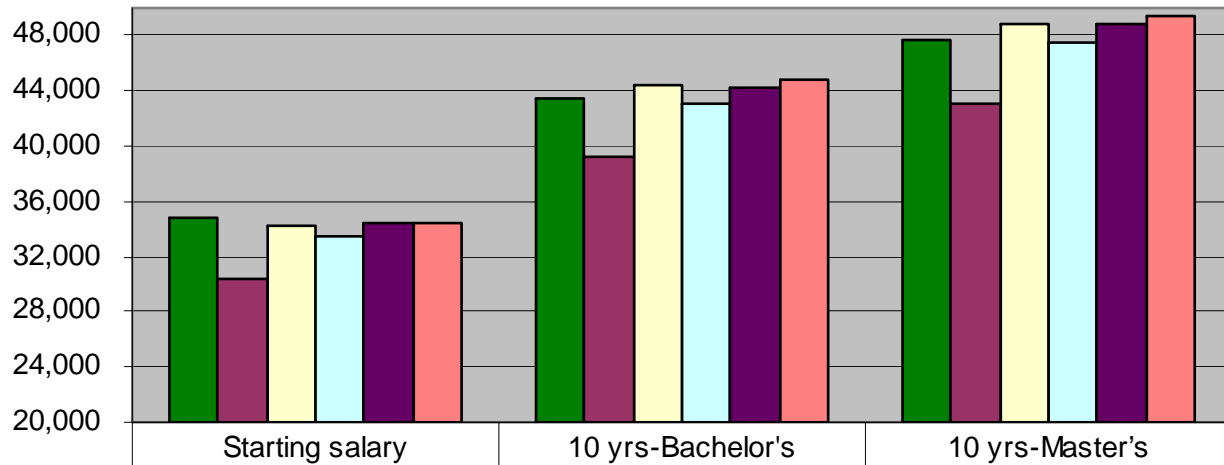
## *Funding Comparisons*



If Guilford were funded at same level as Charlotte,  
GCS would have an additional \$18.6 million

# What local funds do...

## *Teacher salary supplements*



	Starting salary	10 yrs-Bachelor's	10 yrs-Master's
■ Guilford	34,730	43,390	47,730
■ Cumberland	30,430	39,180	43,100
■ Durham	34,233	44,469	48,918
■ Forsyth	33,460	43,060	47,490
■ Mecklenberg	34,386	44,273	48,918
■ Wake	34,462	44,763	49,457

# 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	72.7%	60.5%

# Community Support

- Schools with PTA's: 91 w/ 26,619 members
- Volunteer hours donated: 342,800
- 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)
- School Supply Warehouse: >\$225,000 supplies
- Donor's Choose: >\$60,000 for projects

# 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](http://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](mailto:AdamsC4@gcsnc.com)

# 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 and job 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