

Inspiring leaders; improving children's lives

NCSL Annual Leadership Conference

Leadership that makes a difference for children

Seizing Success
Annual Leadership Conference





Inspiring leaders; improving children's lives

Kati Haycock

President, Education Trust

Seizing Success
Annual Leadership Conference



Improving Achievement and Closing Gaps:

Lessons for School
Leaders from
Schools on the
Performance
Frontier

National College for School Leadership

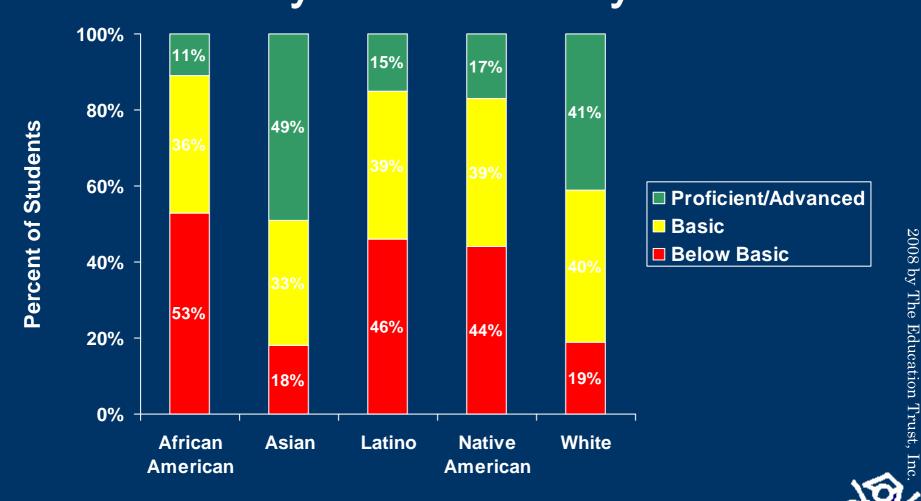
Birmingham, England June, 2008



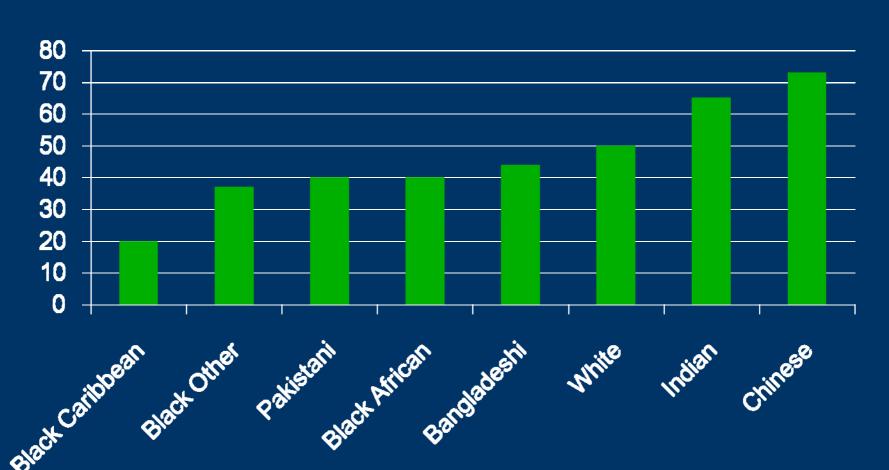
David Kirp: "US does worse by its minority students than UK, which deals with race mostly...by ignoring it."

But the data suggest that we've both got a pretty serious problem.

2007 US National Assessment Grade 8 Math by Race/Ethnicity

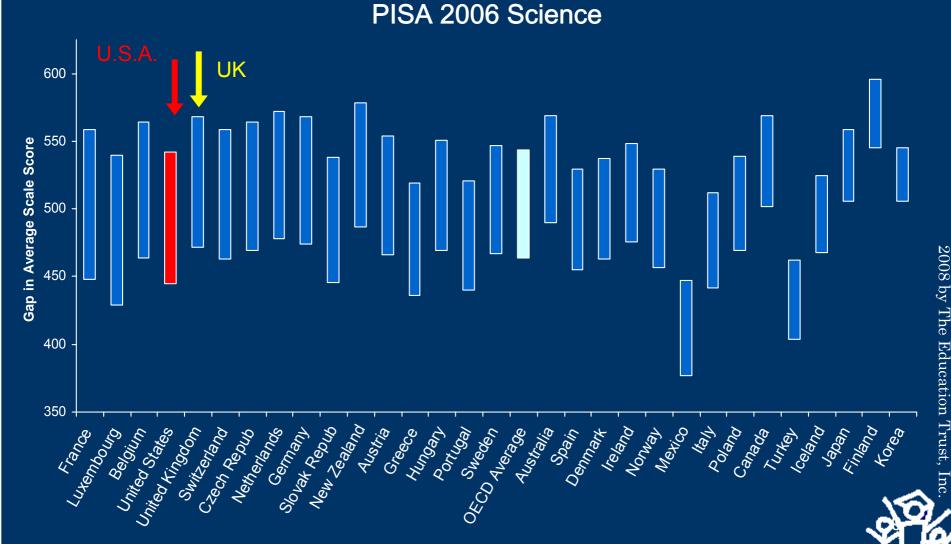


UK: Proportion of Students Achieving 5+ A*-C GCSEs



DFES: 2002





But we have some good news to report.

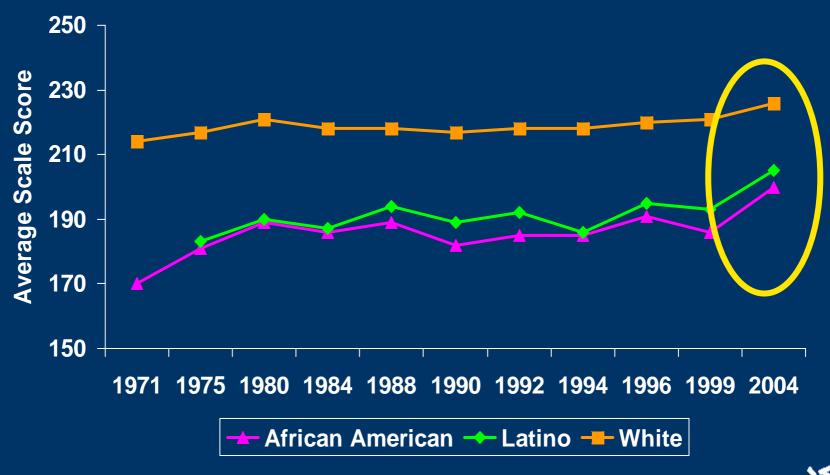
After more than a decade of fairly flat achievement and stagnant or growing gaps, we appear to be turning the corner.



2008 by The Education Trust, In

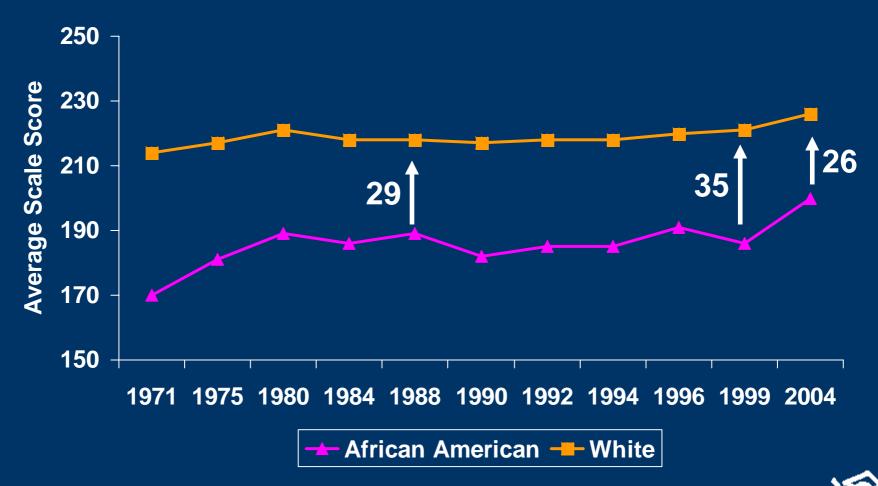
NAEP Reading, 9 Year-Olds

Record Performance for All Groups



NAEP Reading, 9 Year-Olds

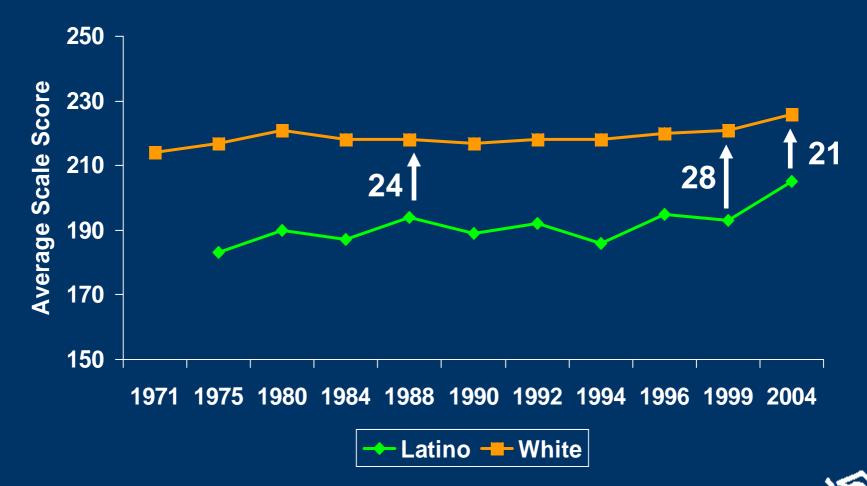
African American-White Gap Narrows to Smallest Size in History



2008 by The Education Trust

NAEP Reading, 9 Year-Olds Latino-White Gap Narrows to Smallest

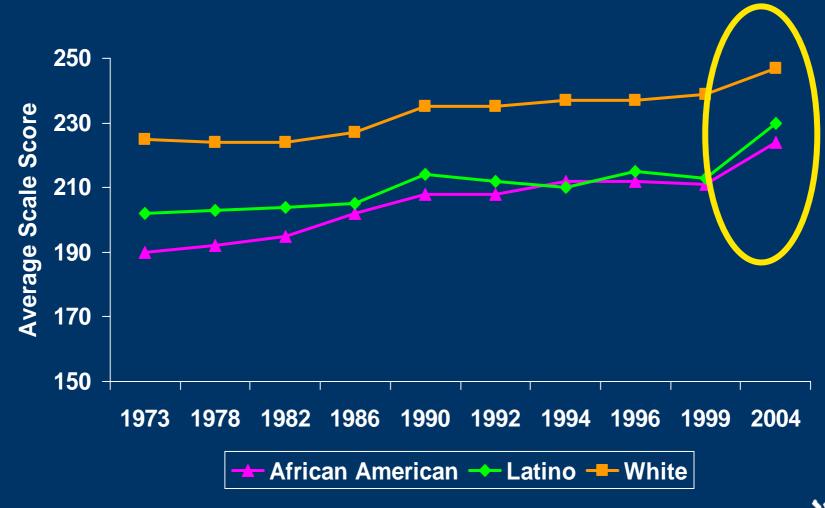
Latino-White Gap Narrows to Smallest Size in History



2008 by The Education Trust,

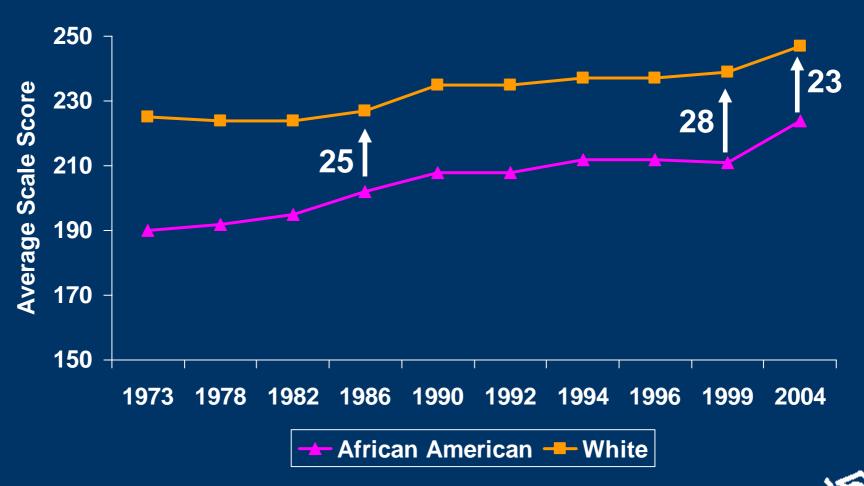
2008 by The Education Trust, Inc.

NAEP Math, 9 Year-Olds Record Performance for All Groups



NAEP Math, 9 Year-Olds

African American-White Gap Narrows to Smallest Size in History

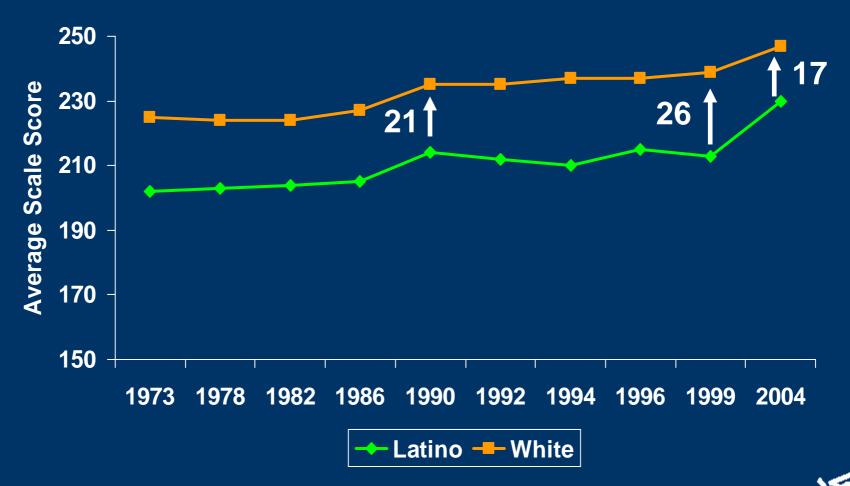


Note: Long-Term Trends NAEP

Source: National Center for Education Statistics, NAEP 2004 Trends in Academic Progress

NAEP Math, 9 Year-Olds

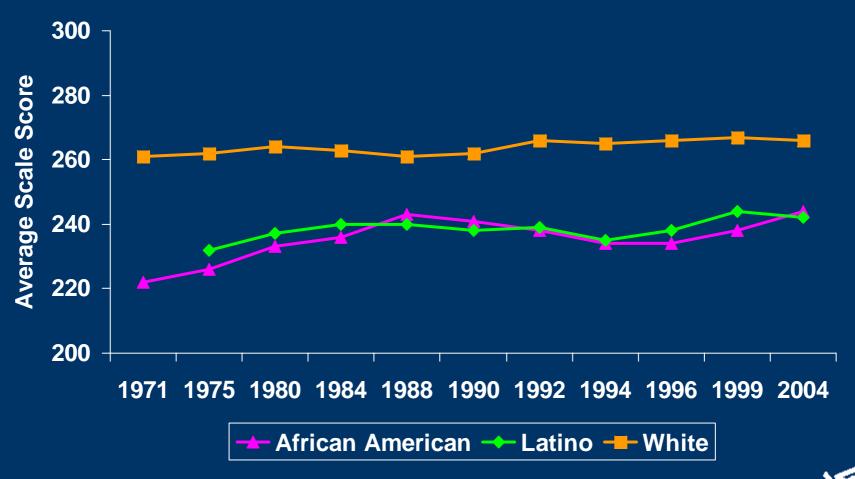
Latino-White Gap Narrows to Smallest Size in History



2008 by The Education Trust,

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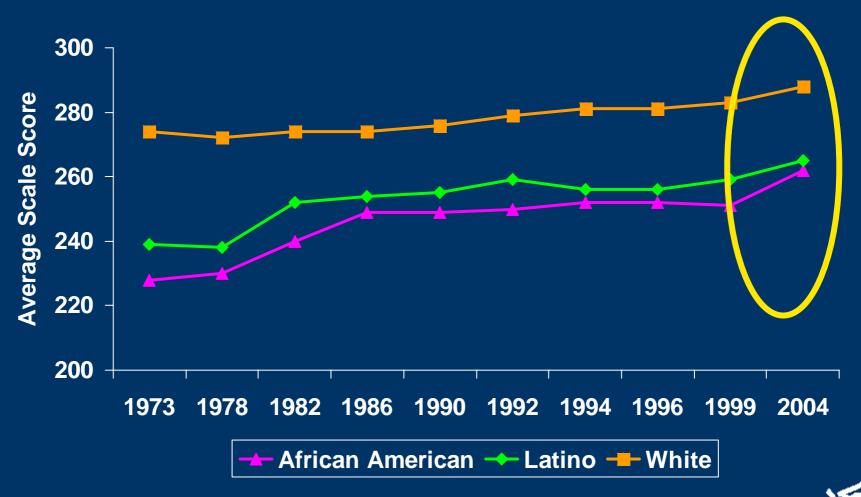
NAEP Reading, 13 Year-Olds



2008 by The Education Trust, Inc.

NAEP Math, 13 Year-Olds

Increases and Record Performance for All Groups



Note: Long-Term Trends NAEP

Source: National Center for Education Statistics, NAEP 2004 Trends in Academic Progress

We've really been focusing on this.

Bottom line: when we focus on something, we make progress.



Clearly, much more remains to be done in elementary and middle school

Too many youngsters still enter high school way behind.

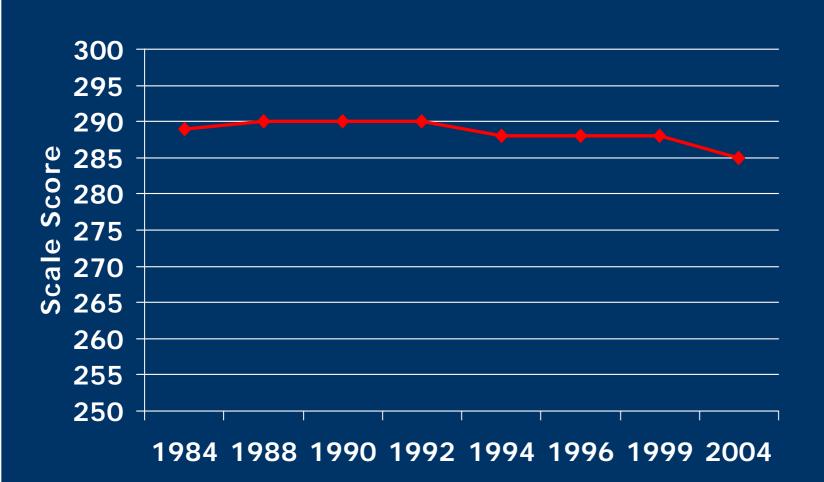


But the bigger problem is that we're not really building on these successes in our high schools.



2008 by The Education Trust, In

Achievement Flat or Declining in Reading, 17 year olds, NAEP



Note: Long-Term Trends NAEP

Source: NAEP 2004 Trends in Academic Progress.



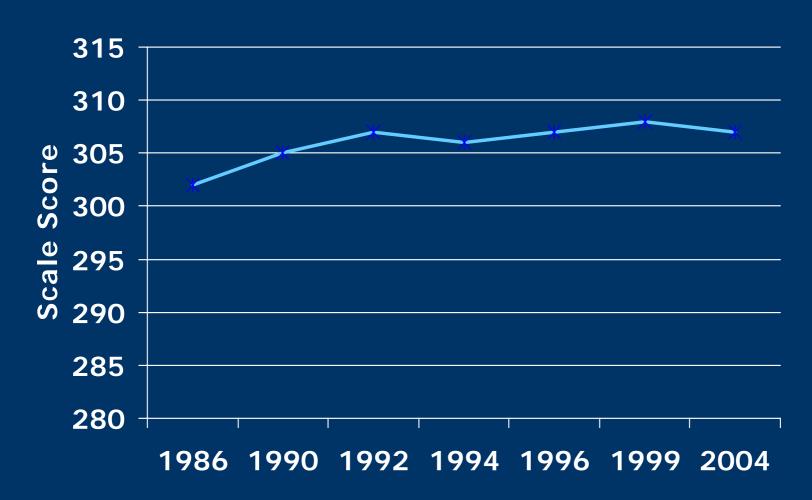
Math?

At first blush, appears to be trending upwards.



2008 by The Education Trust, In

Achievement up in Math, 17 year olds, NAEP



Note: Long-Term Trends NAEP

Source: NAEP 2004 Trends in Academic Progress and NAEP 1999 Trends in Academic Progress.

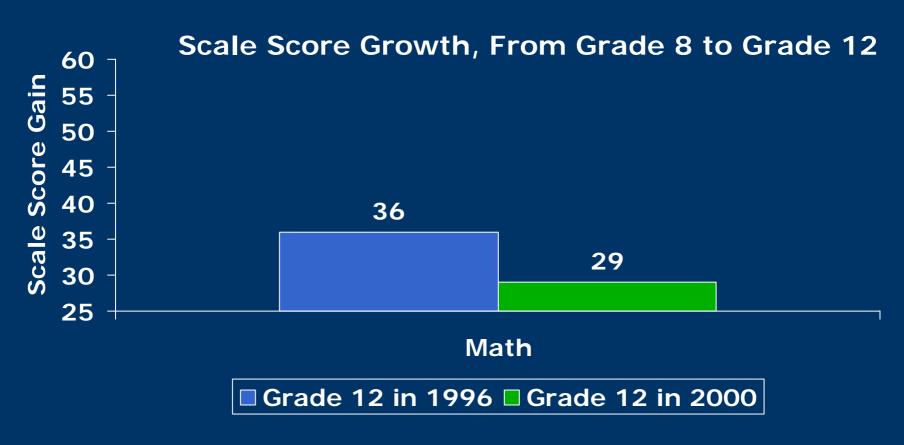




Note: Scale score gains reflect the difference between the scale scores of 17-year-olds and the scale scores of 13-year-olds four years prior.

Source: NCES, 1999. Trends in Academic Progress. Data from Long Term Trend NAEP

... Still

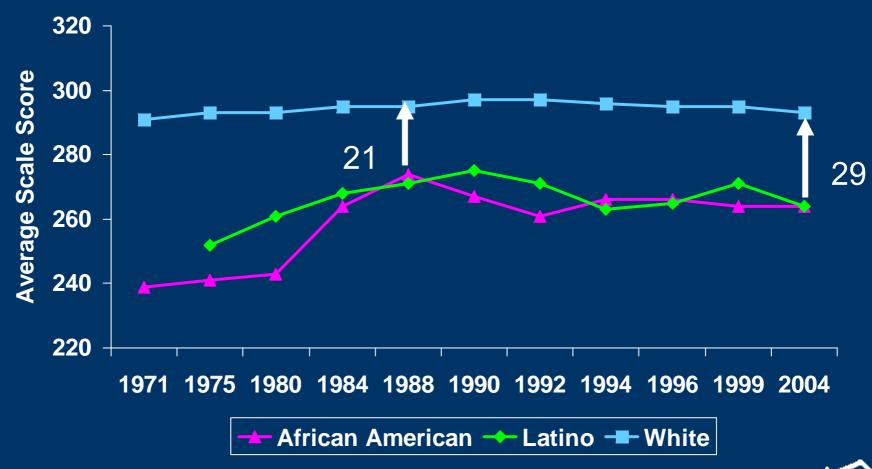


Note: Scale score gains reflect the difference between the scale scores of 12th Graders and the scale scores of 8th Graders four years prior.

Source: NAEP Data Explorer, http://nces.ed.gov/nationsreportcard/nde

Gaps between groups wider today than in 1990

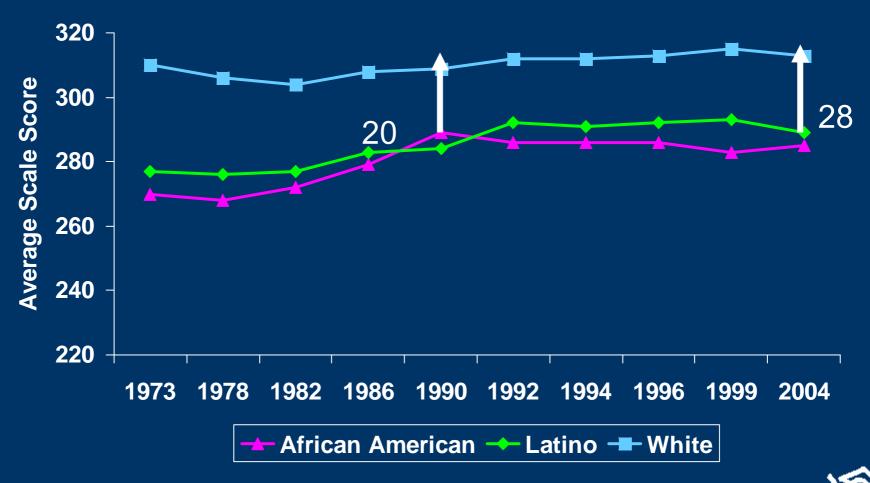
NAEP Reading, 17 Year-Olds



Note: Long-Term Trends NAEP
Source: National Center for Education Statistics, NAEP 2004 Trends in Academic Progress



NAEP Math, 17 Year-Olds



Note: Long-Term Trends NAEP

Source: National Center for Education Statistics, NAEP 2004 Trends in Academic Progress

These gaps begin before children arrive at the schoolhouse door.

But, rather than organizing our educational system to ameliorate this problem, we organize it to exacerbate the problem.



How?

By giving students who arrive with less, less in school, too.



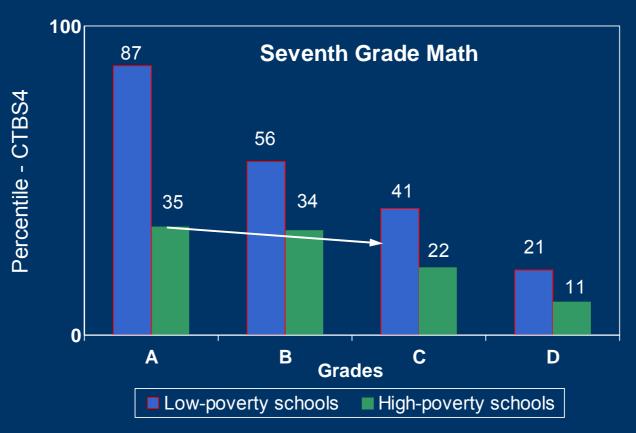
Some of these "lesses" are a result of choices that policymakers make.

National Inequities in State and Local Revenue Per Student

	Gap
High Poverty vs. Low Poverty Districts	-\$938 per student
High Minority vs. Low Minority Districts	–\$877 per student

Choices we make about what to expect of whom...

Students in Poor Schools Receive 'A's for Work That Would Earn 'Cs' in Affluent Schools

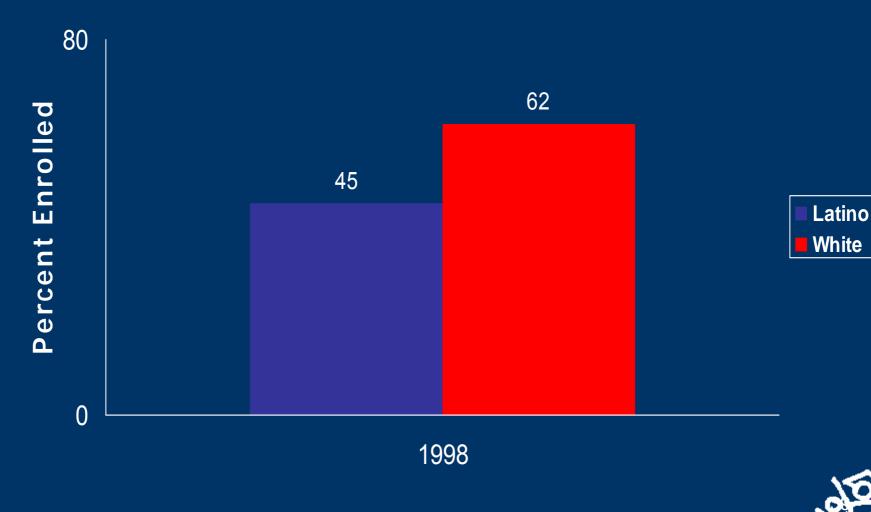


Source: Prospects (ABT Associates, 1993), in "Prospects: Final Report on Student Outcomes", PES, DOE, 1997.



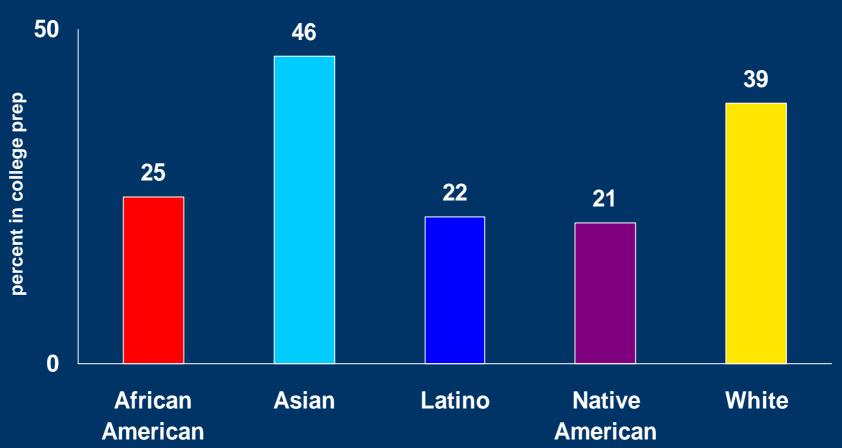
Choices we make about what to teach whom...

Fewer Latino students are enrolled in Algebra 2



2008 by The Education Trust,

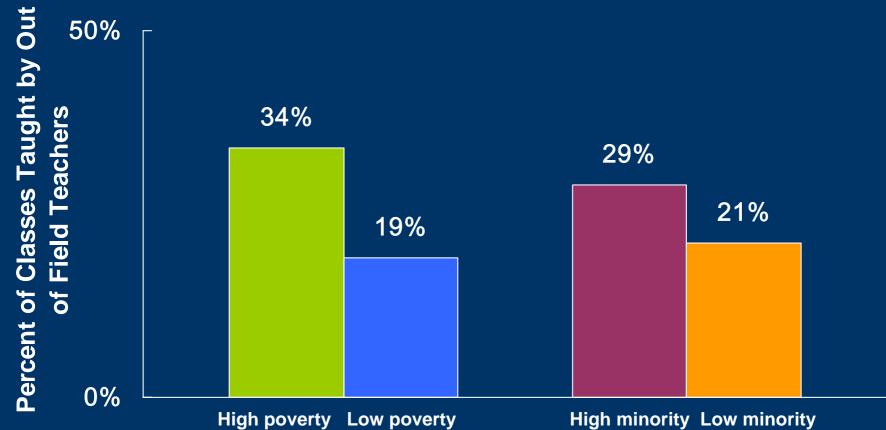
African American, Latino & Native American high school graduates are less likely to be in a full college prep track



Full College Prep track is defined as at least: 4 years of English, 3 years of math, 2 years of natural science, 2 years of social science and 2 years of foreign language

Source: Jay P. Greene, Public High School Graduation and College Readiness Rates in the United State Manhattan Institute, September 2003. Table 8. 2001 high school graduates with college-prep curriculum.

And choices we make about *Who* teaches whom...



Note: High Poverty school-50% or more of the students are eligible for free/reduced price lunch. Low-poverty school -15% or fewer of the students are eligible for free/reduced price lunch.

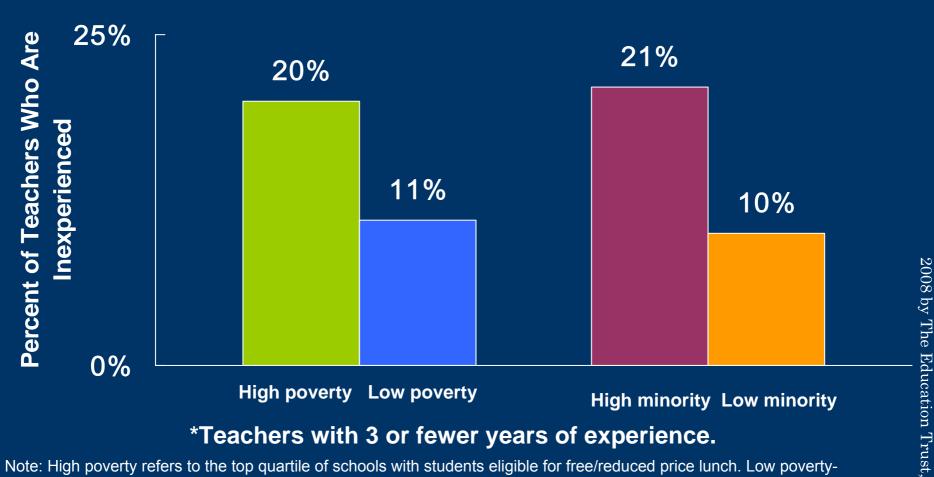
High-minority school - 50% or more of the students are nonwhite. Low-minority school- 15% or fewer of the students are nonwhite.

*Teachers lacking a college major or minor in the field. Data for secondary-level core academic classes.

Source: Richard M. Ingersoll, University of Pennsylvania. Original analysis for the Ed Trust of 1999-2000 Schools and Staffing Survey

2008 by The Education Trust,

US: Poor and Minority Students Get More Inexperienced* Teachers



*Teachers with 3 or fewer years of experience.

Note: High poverty refers to the top quartile of schools with students eligible for free/reduced price lunch. Low povertybottom quartile of schools with students eligible for free/reduced price lunch. High minority-top quartile; those schools with the highest concentrations of minority students. Low minority-bottom quartile of schools with the lowest concentrations of minority students

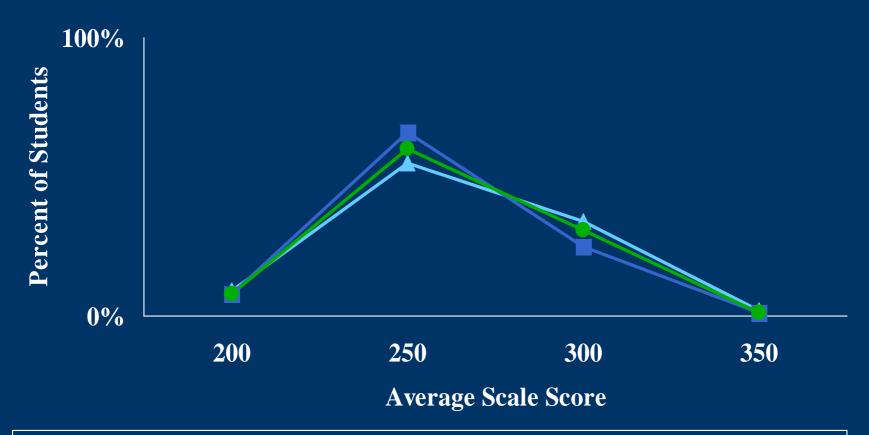
Source: National Center for Education Statistics, "Monitoring Quality: An Indicators Report," December 2000.

Results are devastating.

Kids who come in a little behind, leave a lot behind.

By the end of high school?

African American and Latino 17 Year-Olds Do Math at Same Levels As White 13 Year-Olds

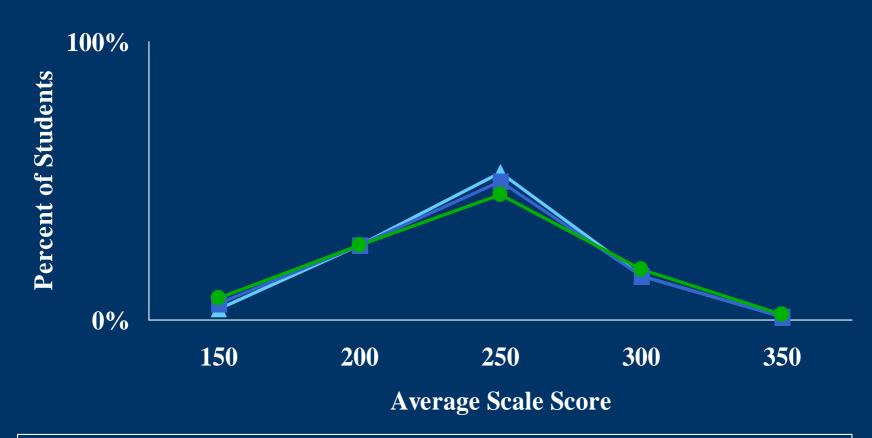


→ White 13 Year-Olds → African American 17 Year-Olds → Latino 17-Year Olds

Note: Long-Term Trends NAEP

Source: National Center for Education Statistics, NAEP 2004 Trends in Academic Progress

African American and Latino 17 Year-Olds Read at Same Levels As White 13 Year-Olds



→ White 13 Year-Olds → African American 17 Year-Olds → Latino 17 Year-Olds

Note: Long-Term Trends NAEP

Source: National Center for Education Statistics, NAEP 2004 Trends in Academic Progress

And these are the students who remain in high school through 12th grade...

ADD IT ALL UP...

Of Every 100 White Kindergartners:

- 94 Graduate from high school
 - Complete at least some college
- 34 Obtain at least a Bachelor's Degree

(25-to 29-Year-Olds)



Of Every 100 African American Kindergartners:

- 89 Graduate from High School
- 51 Complete at Least Some College
- 18 Obtain at Least a Bachelor's Degree

(25-to 29-Year-Olds)



Of Every 100 Latino Kindergartners:

- 62 Graduate from high school
 - Complete at least some college
- Obtain at least a Bachelor's Degree

(25-to 29-Year-Olds)



Of Every 100 American Indian/Alaskan Native Kindergartners:

- 71 Graduate from high school
- 30 Complete at least some college
- 12 Obtain at least a Bachelor's Degree

(25 Years Old and Older)

College Graduates by Age 24

Young People From	75%
High Income Families	
Young People From	9%
Low Income Families	

What Can We Do?

An awful lot of educators have decided that we can't do much.

What We Hear Many Educators Say:

- They're poor;
- Their parents don't care;
- They come to schools without breakfast;
- Not enough books;
- They don't speak English at home;
- Not enough parents . . .

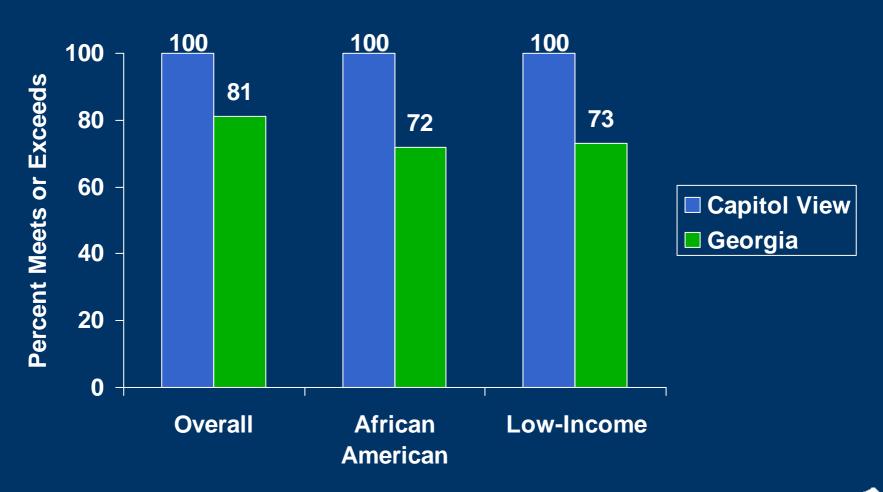
Capitol View Elementary

Atlanta, Georgia

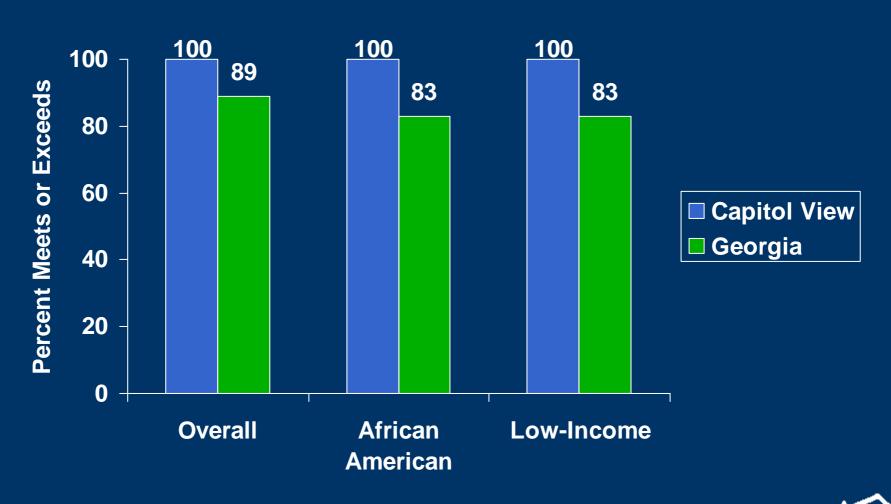
Capitol View Elementary Atlanta, Georgia

- 252 students in grades K-5
- 95% African American
- 88% Low-Income

High Achievement at Capitol View 2006 Grade 5 Reading



High Achievement at Capitol View 2006 Grade 5 Math



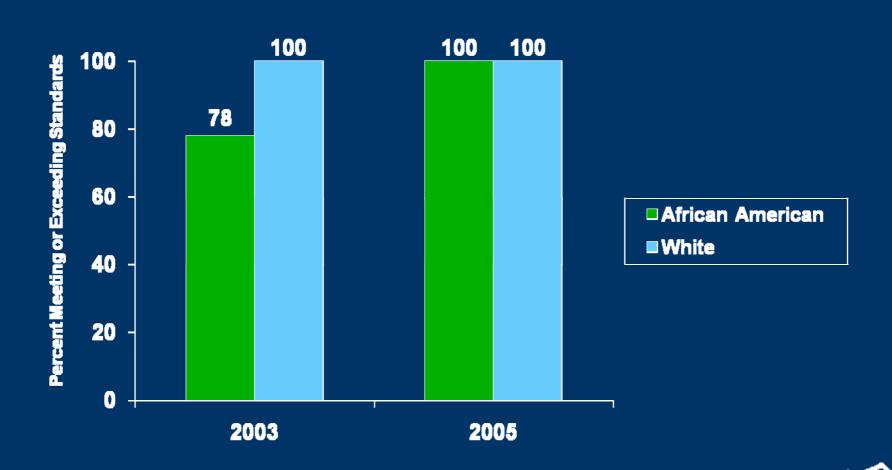
Frankford Elementary School

Frankford Elementary Frankford, Delaware

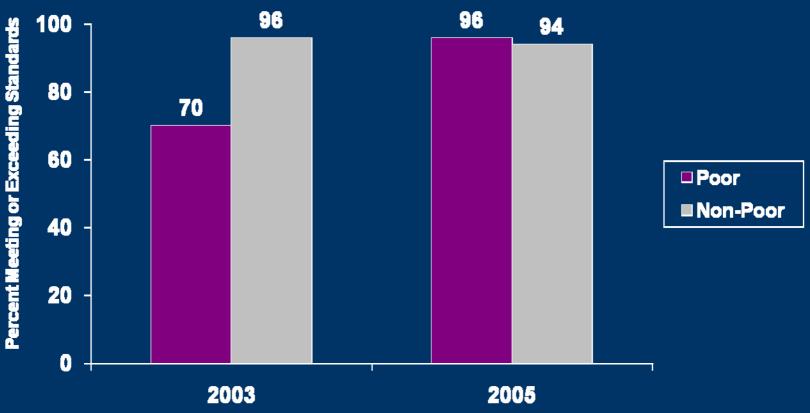
- 449 Students in Grades PreK-5
- 29% African American
- 34% Latino
- 34% White
- 76% Low-Income



Frankford Elementary Closing Gaps, Grade 5 Reading



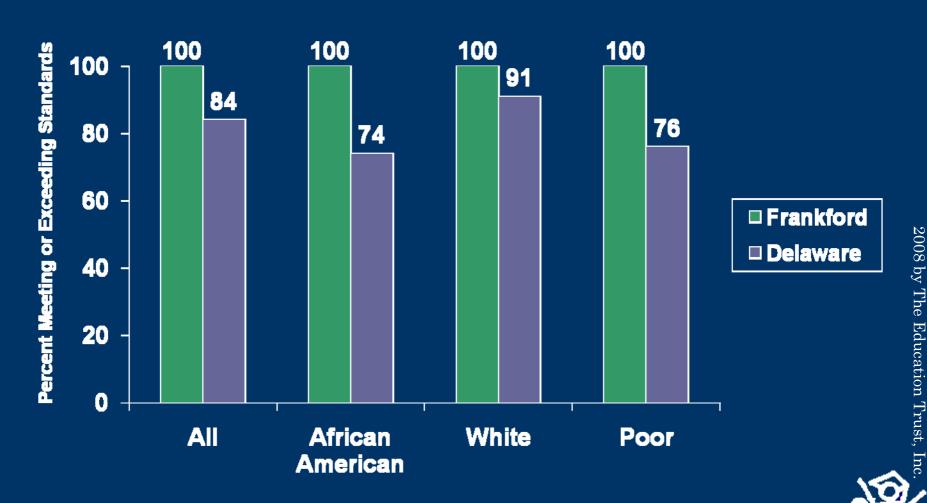
Frankford Elementary Closing Gaps, Grade 5 Math



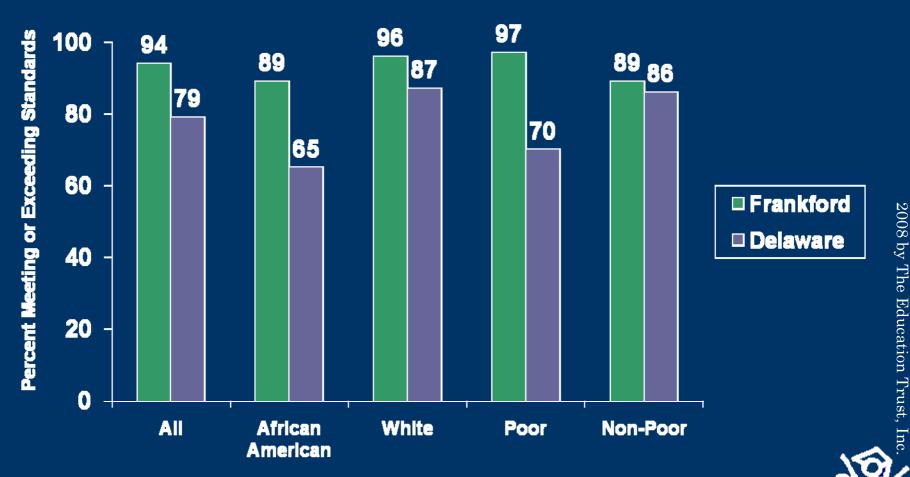


2008 by The Education Trust,

Frankford Elementary Higher Proficiency Rates than the State, 2005 Grade 3 Reading



Frankford Elementary Higher Proficiency Rates than the State, 2005 Grade 3 Math

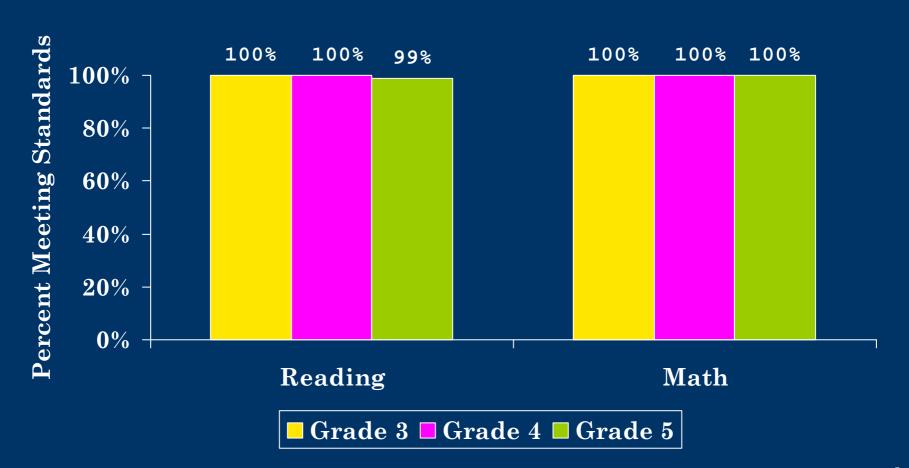


Keith L. Ware Elementary Fort Riley, KS

Keith L. Ware Elementary Fort Riley, KS

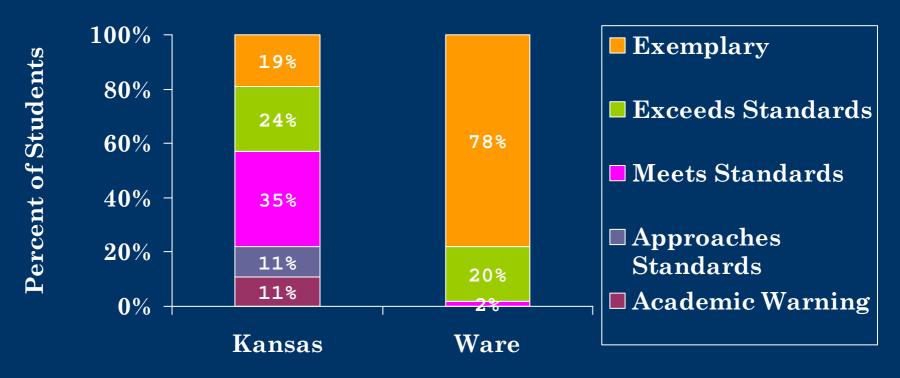
- ► 529 students in grades K-5
- ▶ 18% African American
- ► 7% Latino
- ► 79% Low-Income

High Achievement for All at Ware Elementary, 2007



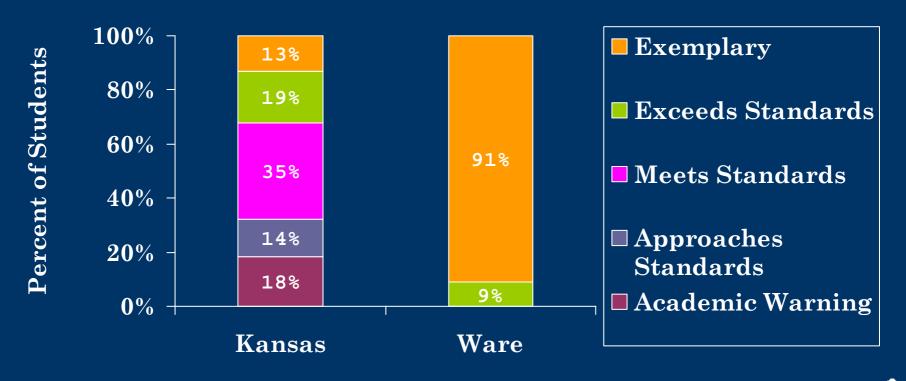
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Ware Elementary: Exceeding Standards Low-Income Students Grade 4 Math (2007)





Ware Elementary: Exceeding Standards African-American Students Grade 5 Math (2007)



Source: Kansas Department of Education, http://online.ksde.org/rcard/index.aspx

Osmond A. Church School New York, New York

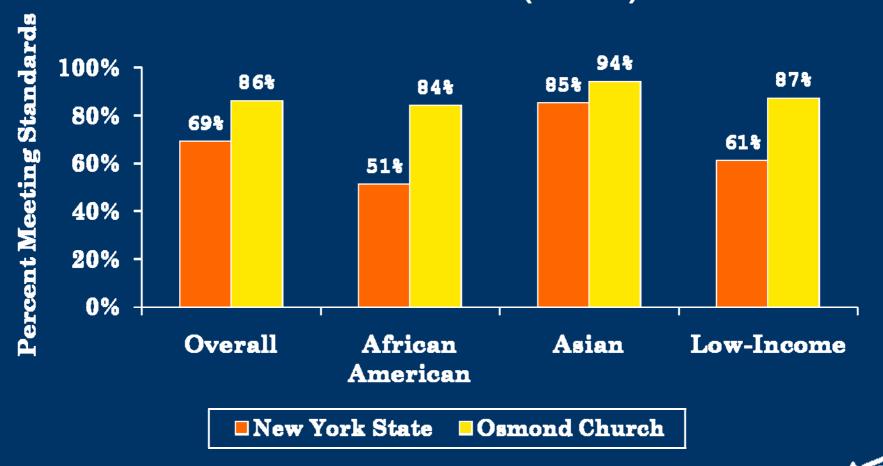
Osmond A. Church School, P.S./M.S. 124
Queens, NY

- ▶ 924 students in grades PK-7*
- ▶ 40% African American
- ▶ 33% Asian
- ► 23% Latino
- ▶ 97% Low-Income

* In 2005-06



Osmond A. Church School High Achievement for All Grade 3 ELA (2006)

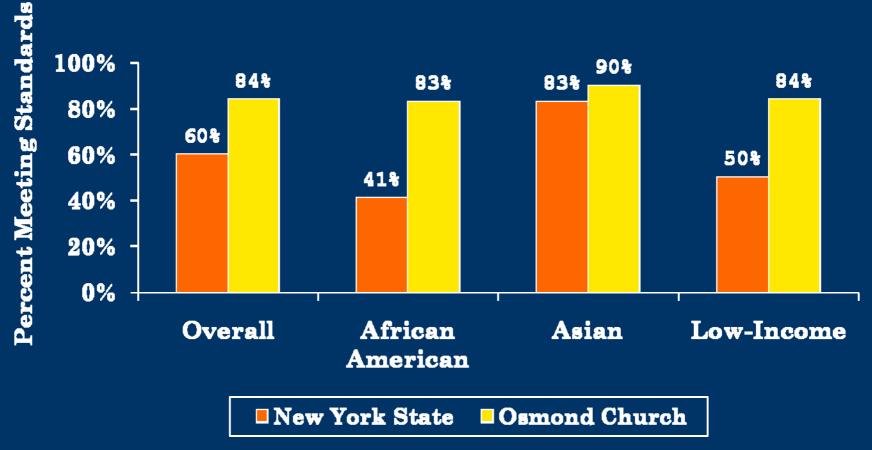


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Source: New York Department of Education, https://www.nystart.gov/publicweb/

Osmond A. Church School High Achievement for All Grade 6 Math (2006)



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Source: New York Department of Education, https://www.nystart.gov/publicweb/

Elmont Memorial Junior-Senior High School

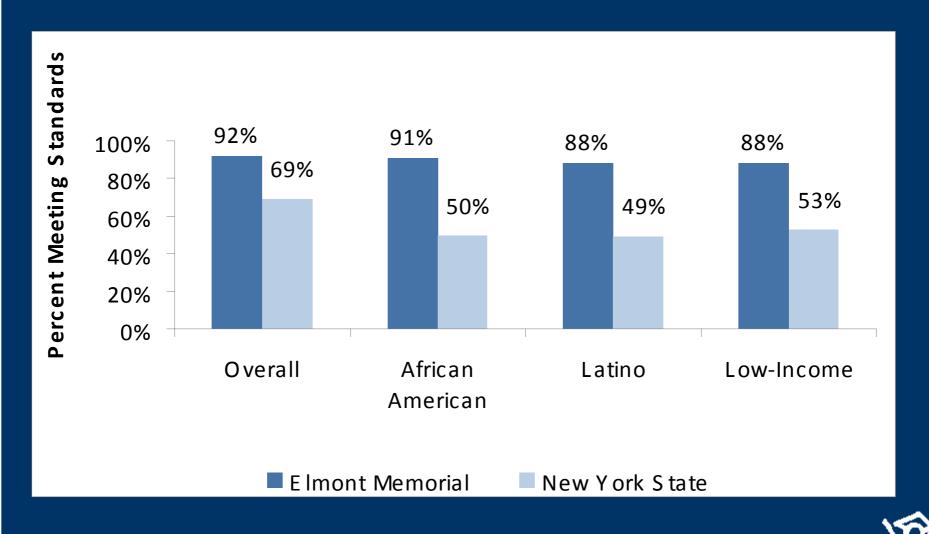


Elmont Memorial Junior-Senior High School Elmont, NY

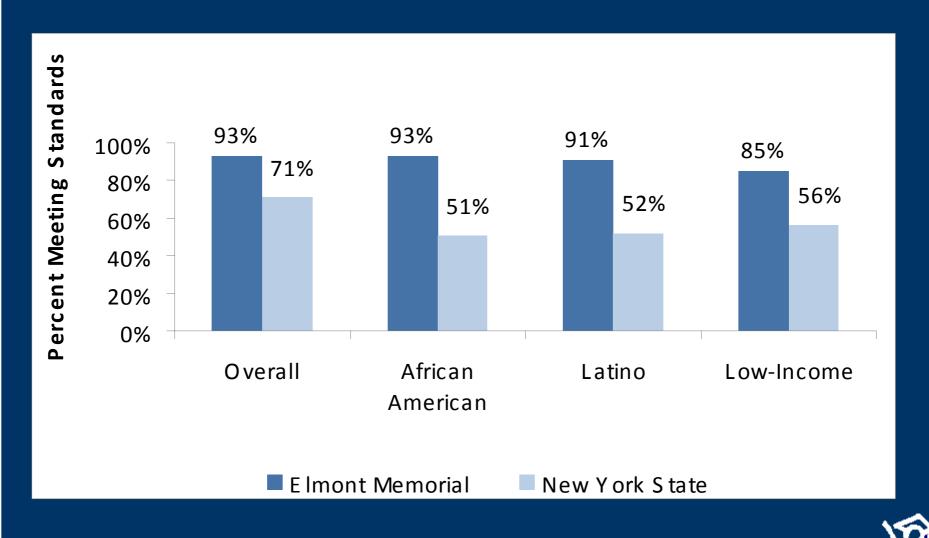
- 2,012 students in grades 7-12
- ▶ 75% African American
- ► 14% Latino
- ➤ 26% Low-Income



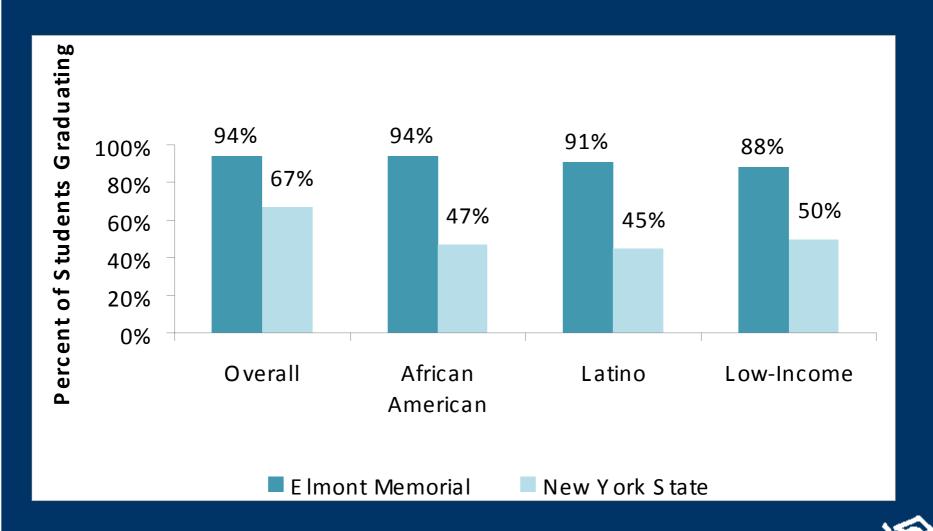
Elmont: Out-Performing the State Secondary-Level English (2006)



Elmont: Out-Performing the State Secondary-Level Math (2006)



Elmont: Graduating More Students Class of 2006



08 by The Education Trust, Inc.

University Park Campus School Worcester, Massachusetts

- 220 Students in Grades 7-12
- 9% African American
- 18% Asian
- 35% Latino
- 39% White
- 73% Low-Income



University Park Results: 2004

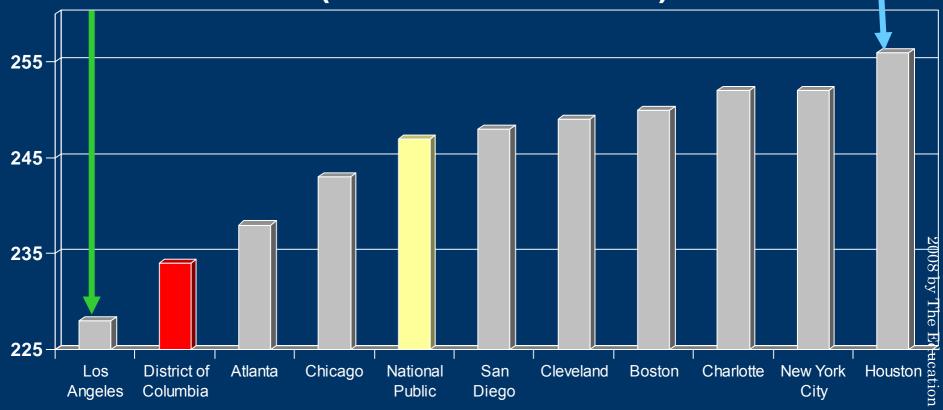
- 100% of 10th graders passed MA high school exit exam on first attempt.
- 87% passed at advanced or proficient level.
- Fifth most successful school in the state, surpassing many schools serving wealthy students.





^{*} There is a 19 point gap between Poor African American 4th graders in the District of Columbia and Boston (roughly equivalent to 2 years' worth of learning)

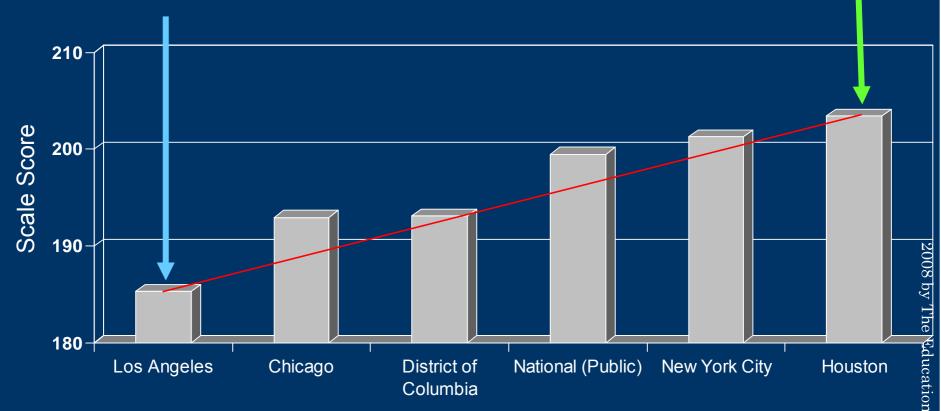
Low-Income African American Students do Better in Some Districts (NAEP Math 8th 2003)



^{*} There is a 28 point gap between Poor African American 8th graders in Los Angeles and Houston (roughly equivalent to 3 years' worth of learning)





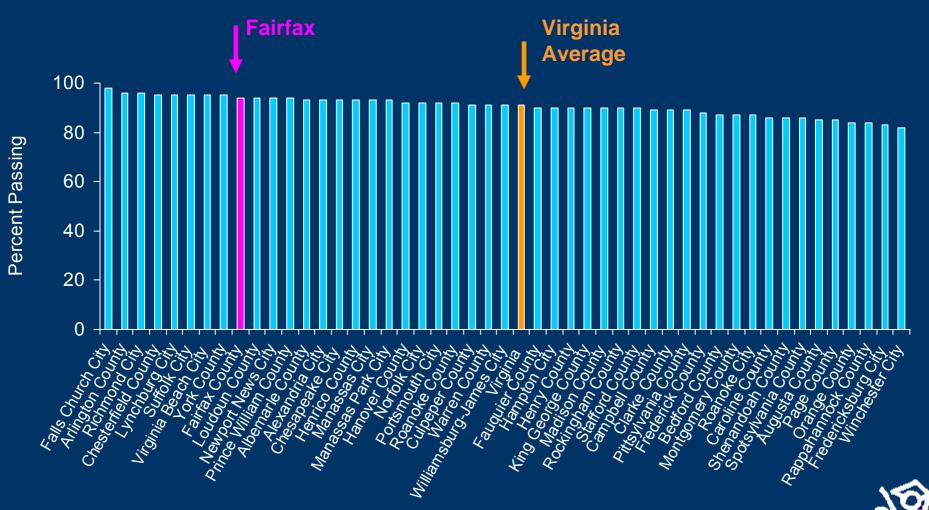


* There is an 18 point gap between Los Angeles and Houston (equivalent to almost 2 years worth of learning)

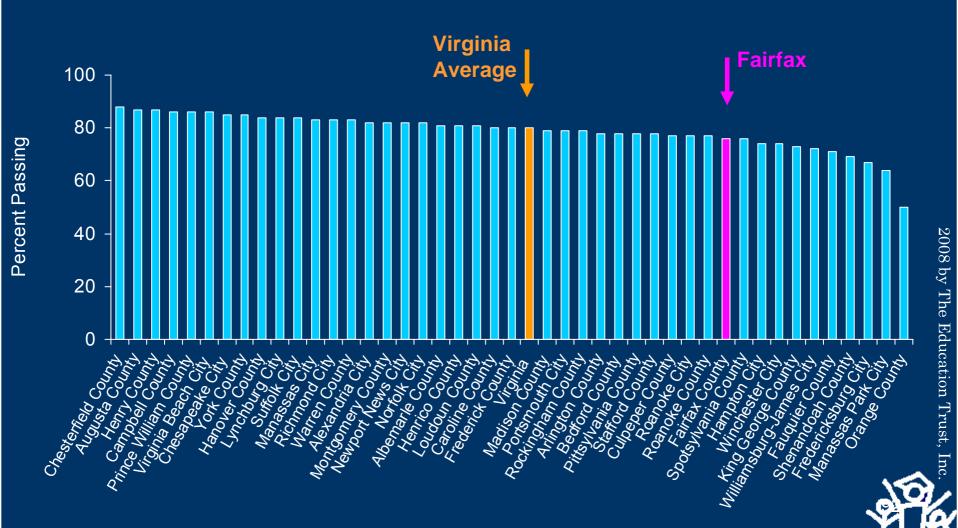
And it's not just urbans.

Take Fairfax, VA for example.

Percent Passing by Virginia District, White Students

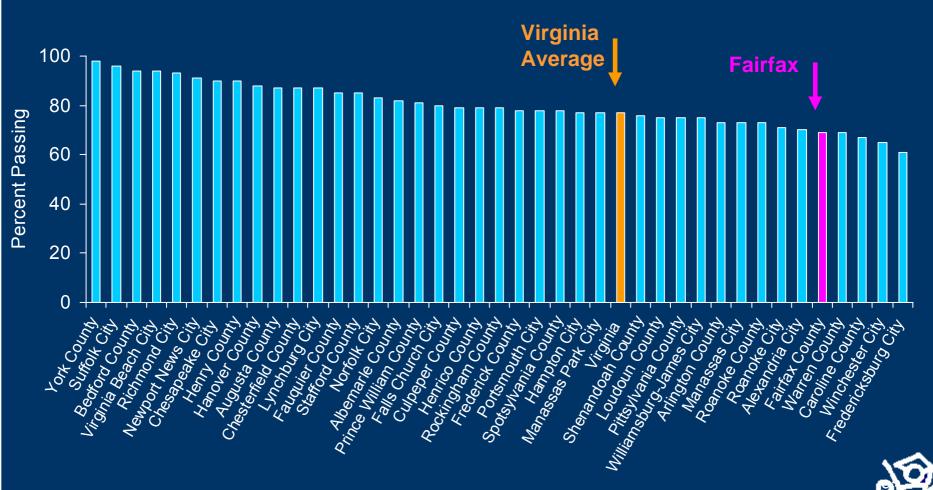


Percent Passing by Virginia District, African American Students

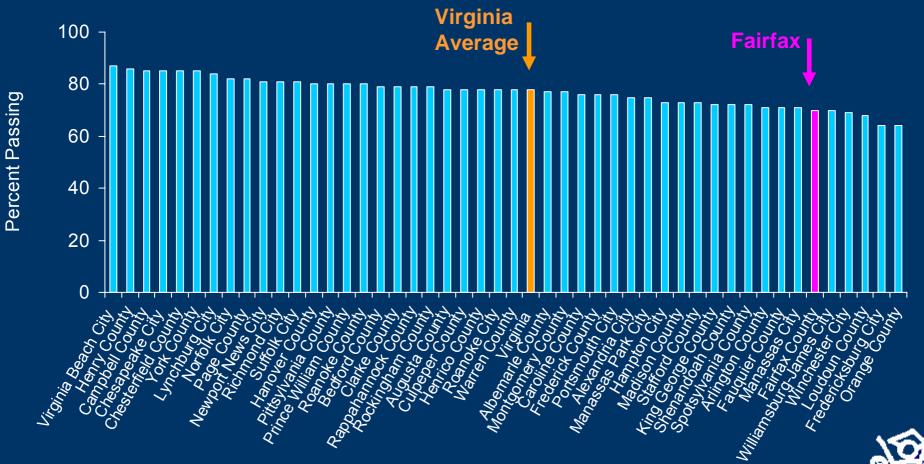


Source: Virginia Department of Education, https://p1pe.doe.virginia.gov/datareports/assess_test_result.do

Percent Passing by Virginia District, Latino Students



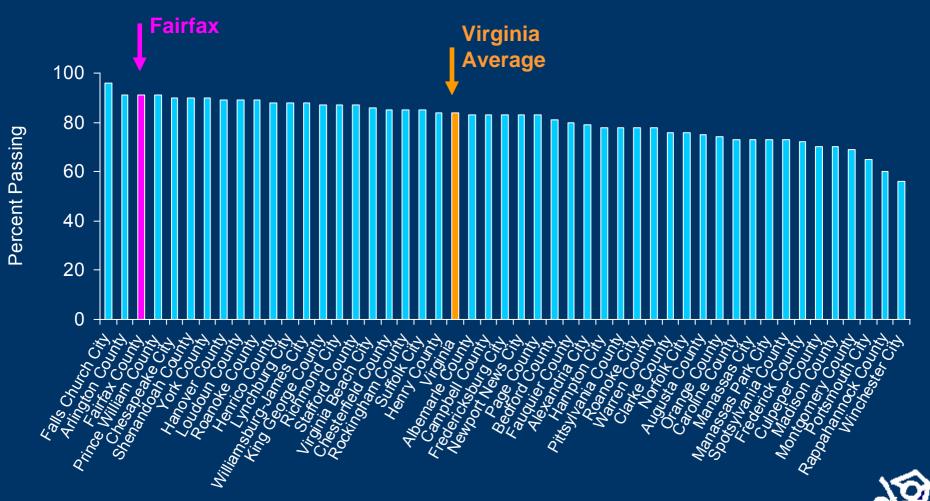
Percent Passing by Virginia District, Low Income Students



2008 by The Education Trust, Inc.

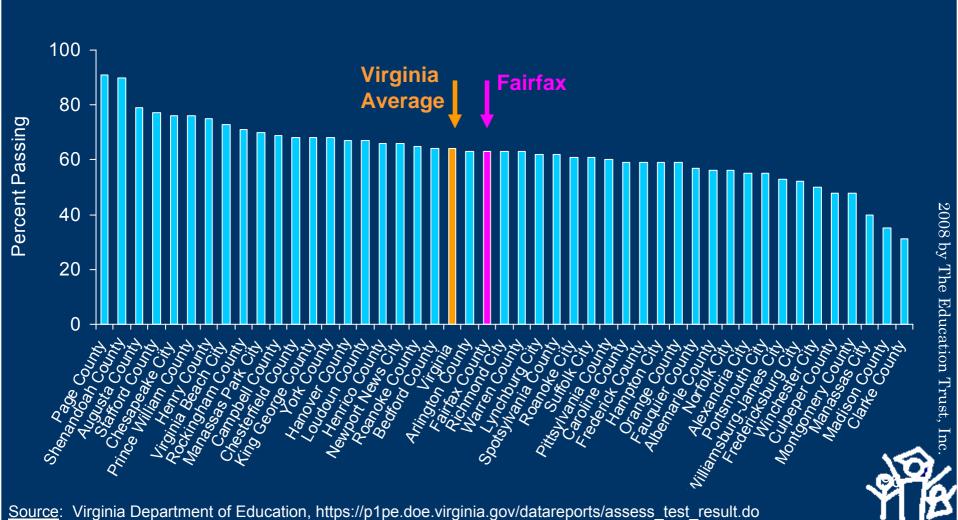
2007 SOL Grade 8 Math

Percent Passing by Virginia District, White Students



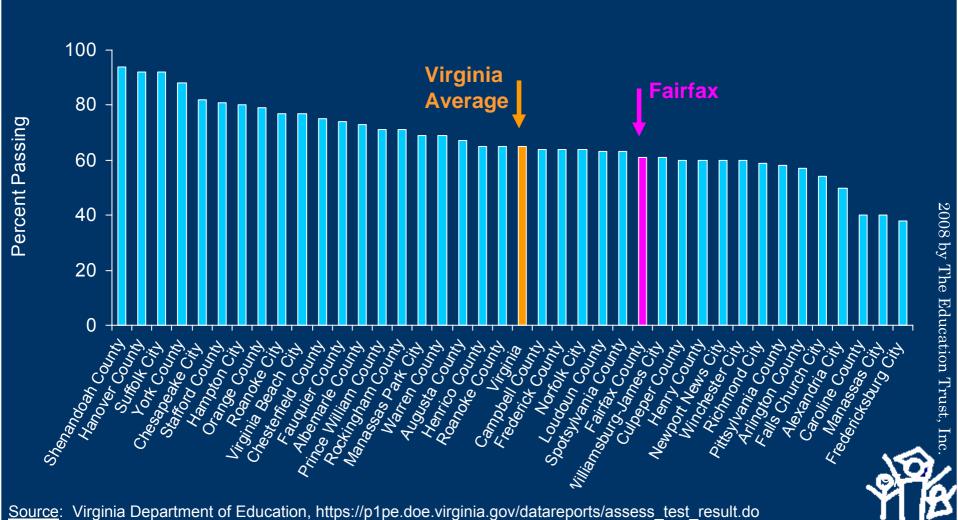
2007 SOL Grade 8 Math

Percent Passing by Virginia District, African American Students



2007 SOL Grade 8 Math

Percent Passing by Virginia District, Latino Students



Bottom Line: At Every Level of Education, What We Do Matters!

What Do We Know About How To Accelerate Success?

What do leaders in the high performers do?

#1. They focus on what they can do, rather than what they can't.

Spend endless time tracking:

- Percent of babies born at low-birthweight;
- Percent of children born to single moms;
- Percent of children in families receiving government assistance;
- Education levels of mothers; and....

The leaders in high-performing high poverty schools and districts don't do that.

They focus on what they can do, not on what they can't.



"Some of our children live in pretty dire circumstances. But we can't dwell on that, because we can't change it. So when we come here, we have to dwell on that which is going to move our kids."

Barbara Adderly, Principal, M. Hall Stanton Elementary, Philadelphia



2008 by The Education Trust,

An awful lot of our teachers—even brand new ones—are left to figure out on their own what to teach and what constitutes "good enough" work.



"No," say state education leaders.

"They're supposed to teach to standards!"

But when is the last time they looked at a standard?



Sample Language Arts Standard: Grade 9

"The student will develop and apply expansive knowledge of words and word meanings to communicate."

Sample Language Arts Standard: Grade 10

"The student will develop and apply expansive knowledge of words and word meanings to communicate."

Sample Language Arts Standard: Grade 11

"The student will develop and apply expansive knowledge of words and word meanings to communicate."

Sample Language Arts Standard: Grade 12

"The student will develop and apply expansive knowledge of words and word meanings to communicate."

Sample History Standard

"Students understand how science, technology and economic activity have developed, changed and affected societies throughout history."

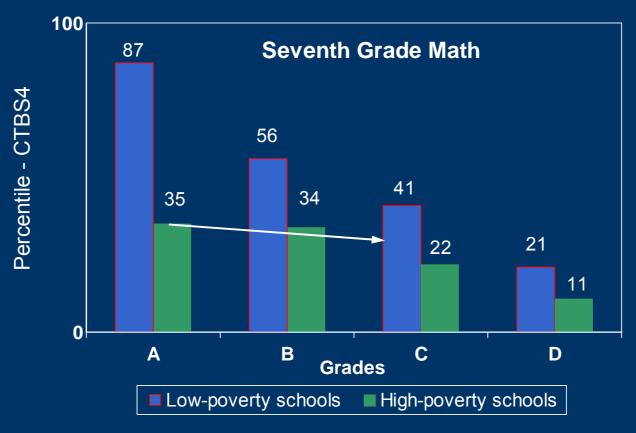
When you leave teachers with that little guidance?

- We ask too little of most of our students;
- What we ask of students differs from classroom to classroom...



2008 by The Education Trust, Inc

'A' Work in Poor Schools Would Earn 'Cs' in Affluent Schools



Source: Prospects (ABT Associates, 1993), in "Prospects: Final Report on Student Outcomes", PES, DOE, 1997.



Grade 10 Writing Assignment

A frequent theme in literature is the conflict between the individual and society. From literature you have read, select a character who struggled with society. In a well-developed essay, identify the character and explain why this character's conflict with society is important.



Grade 10 Writing Assignment

Write a composition of at least 4 paragraphs on Martin Luther King's most important contribution to this society. Illustrate your work with a neat cover page. Neatness counts.

The Odyssey

Ninth Grade

High-level Assignment

Comparison/Contrast Paper Between Homer's Epic Poem, *The Odyssey* and the Movie "0 Brother Where Art Thou"

By nature, humans compare and contrast all elements of their world. Why? Because in the juxtaposition of two different things, one can learn more about each individual thing as well as something about the universal nature of the things being compared.

For this 2-3 page paper you will want to ask yourself the following questions: what larger ideas do you see working in *The Odyssey* and "0 Brother Where Art Thou"? Do both works treat these issues in the same way? What do the similarities and differences between the works reveal about the underlying nature of the larger idea?

The Odyssey

Ninth Grade

Low-level Assignment

Divide class into 3 groups:

Group 1 designs a brochure titled "Odyssey Cruises". The students *listen* to the story and write down all the places Odysseus visited in his adventures, and list the cost to travel from place to place.

Group 2 draws pictures of each adventure.

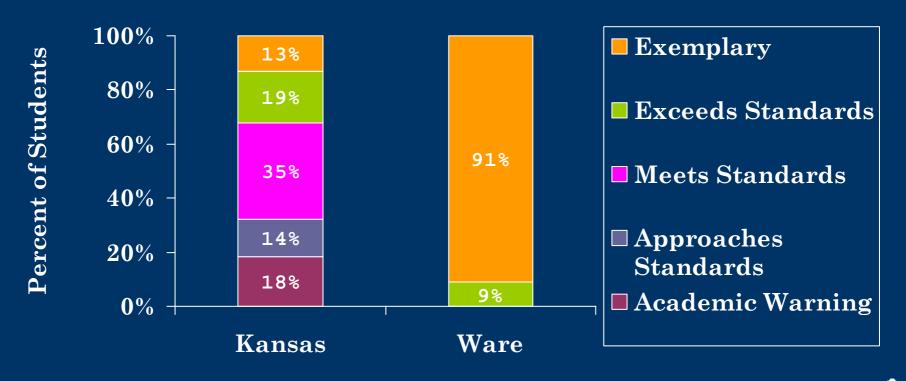
Group 3 takes the names of the characters in the story and gods and goddesses in the story and designs a crossword puzzle.

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High Performing Schools and Districts

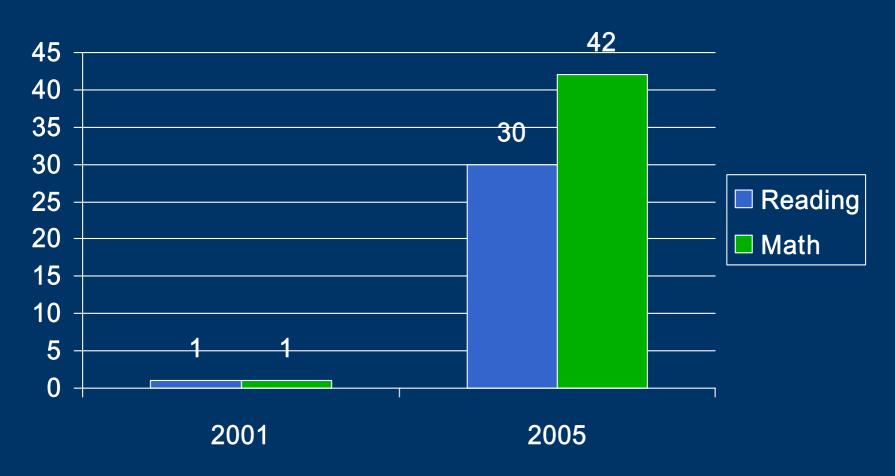
- Have clear and specific goals for what students should learn in every grade, including the order in which they should learn it;
- Provide teachers with common curriculum, assignments;
- Have regular vehicle to assure quality assignments and common marking standards;
- Assess students every 4-8 weeks to measure progress;
- ACT immediately on the results of those assessments.

Ware Elementary: Exceeding Standards African-American Students Grade 5 Math (2007)



Source: Kansas Department of Education, http://online.ksde.org/rcard/index.aspx

M. Hall Stanton Elementary: Percent of 5th Graders ADVANCED



High School Version...

Even when they start with high drop out rates, high impact high schools focus on preparing all kids for college and careers

Education Trust 2005 study, "Gaining Traction, Gaining Ground."



Even if you have your doubts, NEW STUDY FROM ACT: College ready, workforce training ready=same thing

2008 by The Education Trust,

#4. Higher performing secondary schools put all kids—not just some—in a demanding high school core curriculum.

Single biggest predictor post-high school success is QUALITY AND INTENSITY OF HIGH SCHOOL CURRICULUM

Cliff Adelman, *Answers in the Tool Box*, U.S. Department of Education.



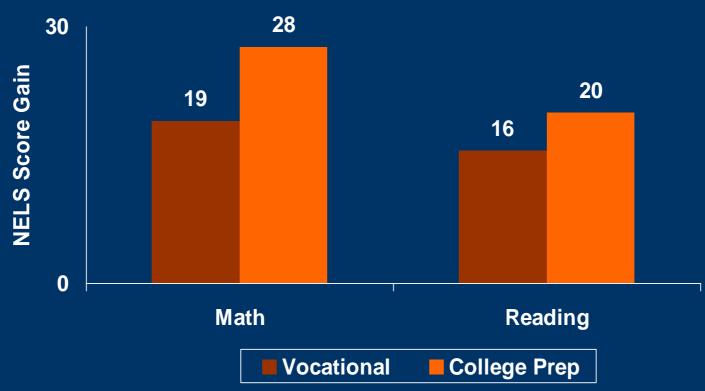
2008 by The Education Trust,

College prep curriculum has benefits far beyond college.

Students of all sorts will learn more...

2008 by The Education Trust, Inc.

Low Quartile Students Gain More From College Prep Courses*

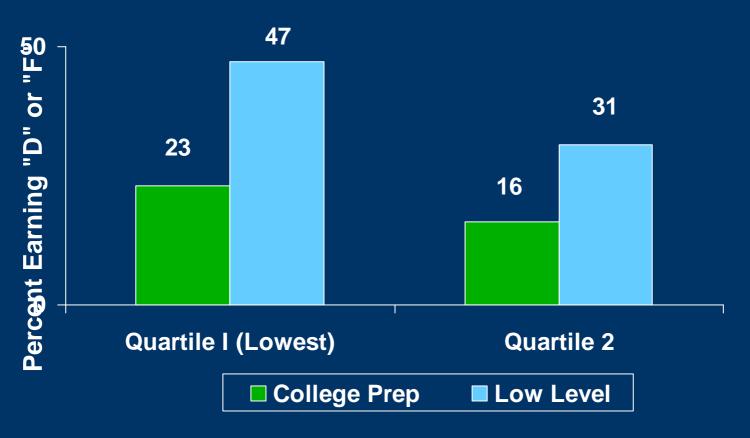


*Grade 8-grade 12 test score gains based on 8th grade achievement.

Source: USDOE, NCES, Vocational Education in the United States: Toward the Year 2000, in Issue Brief: Students Who Prepare for College and Vocation

Challenging Curriculum Results in Lower Failure Rates, Even for Lowest Achievers

Ninth-grade English performance, by high/low level course, and eighth-grade reading achievement quartiles



Source: SREB, "Middle Grades to High School: Mending a Weak Link". Unpublished Draft, 2002.



And they'll be better prepared for the workplace.



Elmont Memorial Junior-Senior High School



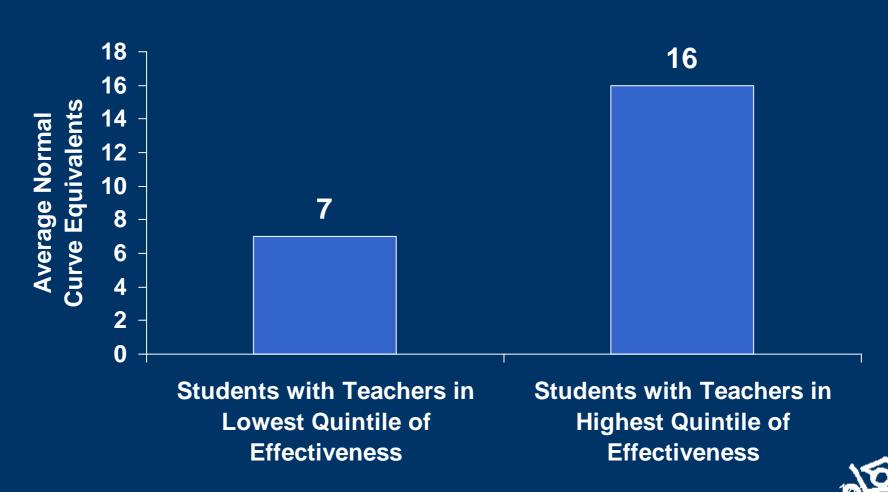
High performing schools...

- Teachers regularly observe other teachers;
- Teachers have time to plan and work collaboratively;
- New teachers get generous and careful support and acculturation;
- Teachers take on many other leadership tasks at the school



008 by The Education Trust, In

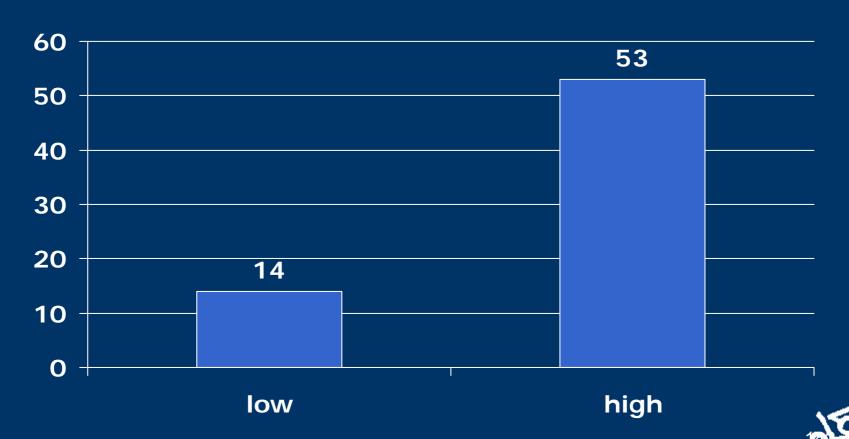
Students in Dallas Gain More in Math with Effective Teachers: One Year Growth From 3rd-4th Grade



<u>Source</u>: Heather Jordan, Robert Mendro, and Dash Weerasinghe, *The Effects of Teachers on Longitudinal Student Achievement*, 1997.

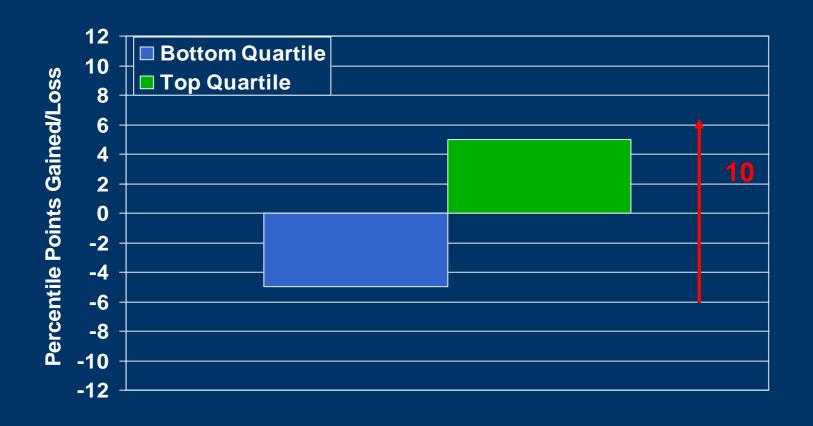
2008 by The Education Trust, l

LOW ACHIEVING STUDENTS IN TN GAIN MORE WITH EFFECTIVE TEACHERS: One Year Growth



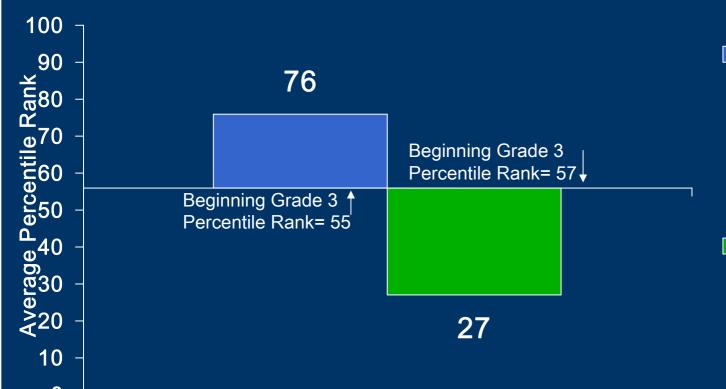
2008 by The Education Trust, In

Comparing Average Growth in the Classrooms of Bottom Quartile and Top Quartile Teachers





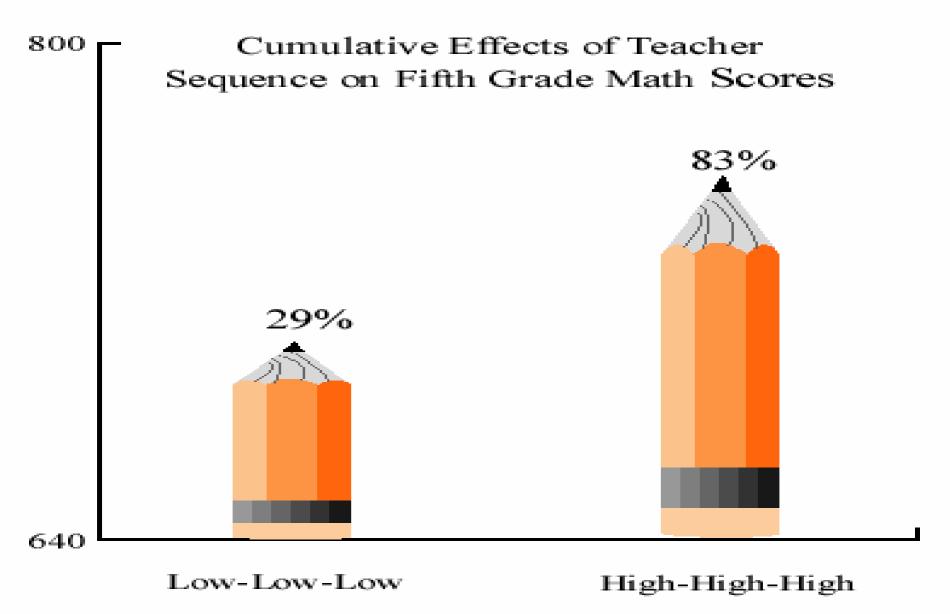
Cumulative Teacher Effects On Students' Math Scores in Dallas (Grades 3-5)



- Dallas Students
 Assigned to 3
 Highly Effective
 Teachers in a
 Row
- Dallas Students
 Assigned to 3
 Ineffective
 Teachers in a
 Row



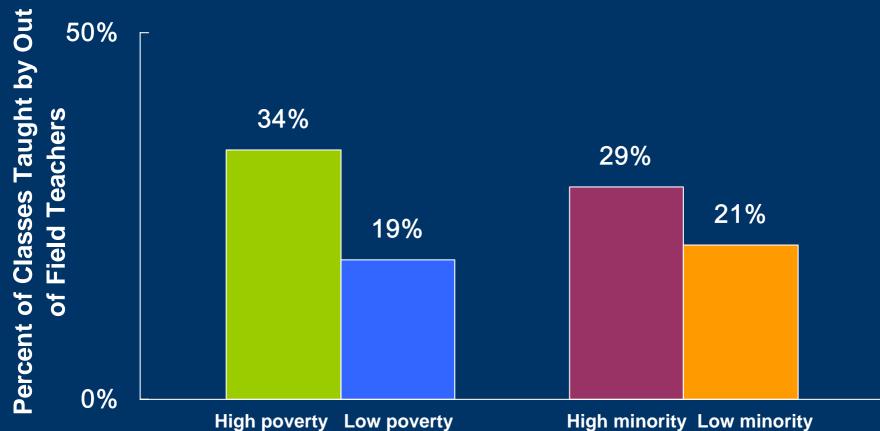
Source: Heather Jordan, Robert Mendro, and Dash Weerasinghe, *The Effects of Teachers on Longitudinal Student Achievement*, 1997.



Jordan, Heather L., Robert L. Mendro, and Dash Weessinghe, "Teacher Effects on Longitudinal Student Achievement," Dallas Public Schools, 1997, Table 3.

Good teachers matter a lot.

But some groups of kids don't get their fair share of quality teachers.



Note: High Poverty school-50% or more of the students are eligible for free/reduced price lunch. Low-poverty school -15% or fewer of the students are eligible for free/reduced price lunch.

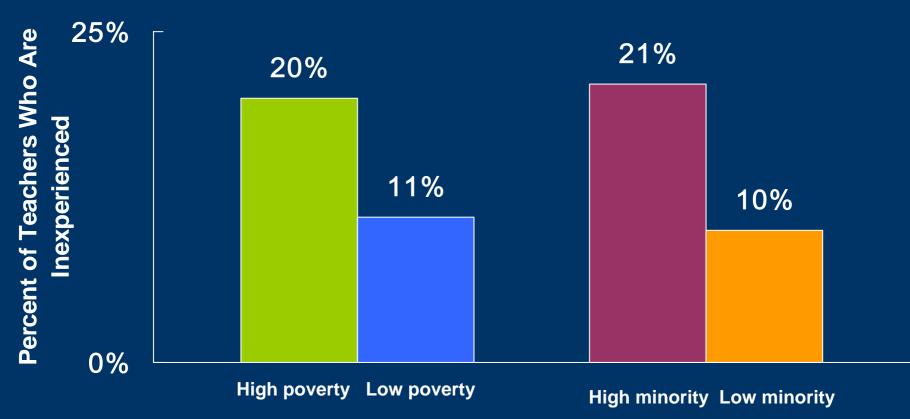
High-minority school - 50% or more of the students are nonwhite. Low-minority school- 15% or fewer of the students are nonwhite.

*Teachers lacking a college major or minor in the field. Data for secondary-level core academic classes.

Source: Richard M. Ingersoll, University of Pennsylvania. Original analysis for the Ed Trust of 1999-2000 Schools and Staffing Survey

2008 by The Education Trust,

Poor and Minority Students Get More Inexperienced* Teachers



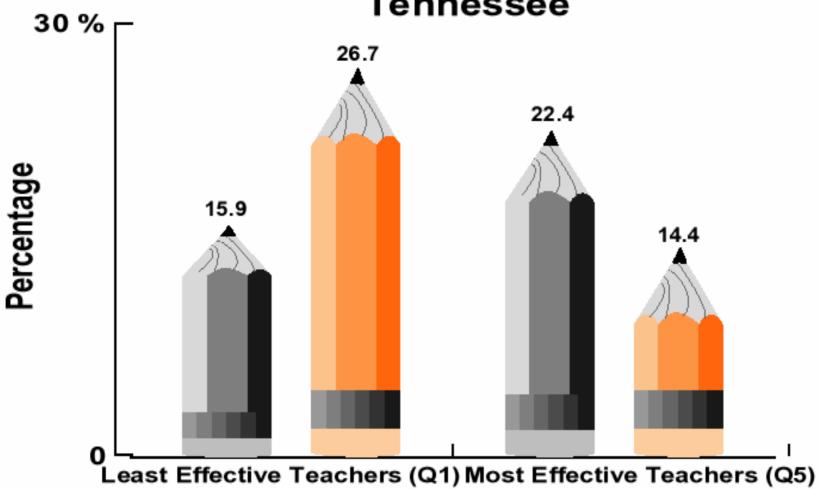
*Teachers with 3 or fewer years of experience.

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Note: High poverty refers to the top quartile of schools with students eligible for free/reduced price lunch. Low poverty-bottom quartile of schools with students eligible for free/reduced price lunch. High minority-top quartile; those schools with the highest concentrations of minority students. Low minority-bottom quartile of schools with the lowest concentrations of minority students

Source: National Center for Education Statistics, "Monitoring Quality: An Indicators Report," December 2000.

African American Students More Likely To Have Ineffective Teachers: Tennessee



White Students —— African American Students

Sanders, William L. and Rivers, Joaun C. "Cummulative And Residiual Effects of Teachers on Future Student Academic Achievement," 1996,

These differences even occur WITHIN same school...

Low-performing students of all races most likely to be assigned to least effective teachers.



Leaders in high performing schools and districts don't let this happen.

They:

- work hard to attract and hold good teachers;
- make sure that their best are assigned to the students who most need them; and,
- they chase out teachers who are not "good enough" for their kids.



Saying that they are nice, doesn't mean that they are easy places to work. Principals and teachers work hard. But there is also a kind of shared sense of mission and camaraderie.



For students, they are even more different.

"At my old school, it was functional for me to act stupid. If I did that, nobody expected anything of me and I could kind of just slip by. But at this school, nobody lets me act stupid. Not the principal. Not my teachers. Not the other students."

--Elmont Student



May be unfair.

But it is not un-achievable.

The children in these pictures are some of the lucky ones. Though they are poor...they live on the high end of the gap because they attend schools that enable their students to soar.





But most of the children who look like them aren't so lucky. They live on the bottom side of the gap.

Not because they couldn't learn...but because we didn't bother to teach them.



The most important agenda for all of us?

Turning that around.







The Education Trust

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