



“Who’s Leading the Leading Health Indicators?”

- Ninth installment of the monthly series, “Who’s Leading the Leading Health Indicators?”
- Highlight organizations using evidence-based approaches to address one of the Healthy People 2020 Leading Health Indicator (LHI) topics.



Webinar Participants

- **Carter Blakey,**
HHS Office of Disease Prevention and Health Promotion
- **Don Wright, M.D., M.P.H.**
HHS Deputy Assistant Secretary for Disease Prevention
and Health Promotion
- **James P. Connell, Ph. D.**
President, Institute for Research and Reform in Education
- **Panelists:**
 - Nadine Gracia, M.D., MSCE, HHS Office of Minority Health
 - Randy Speck, Madison District Public Schools, Detroit
 - Mary Stewart, Wyandotte High School, Kansas City, KS
 - Sarah J. Allen, Ph.D., Department of Education



What are the Leading Health Indicators (LHIs)?

Leading Health Indicators are:

- Critical health issues that, if addressed appropriately, will dramatically reduce the leading causes of preventable deaths and illnesses.
- Linked to specific Healthy People objectives.
- Intended to motivate action to improve the health of the entire population.

Don Wright, MD, MPH

Deputy Assistant Secretary for Disease Prevention and Health Promotion





Leading Health Indicators: Social Determinants of Health

- **Indicator for social determinants of health:**
 - Students who graduate with a regular diploma 4 years after starting 9th grade





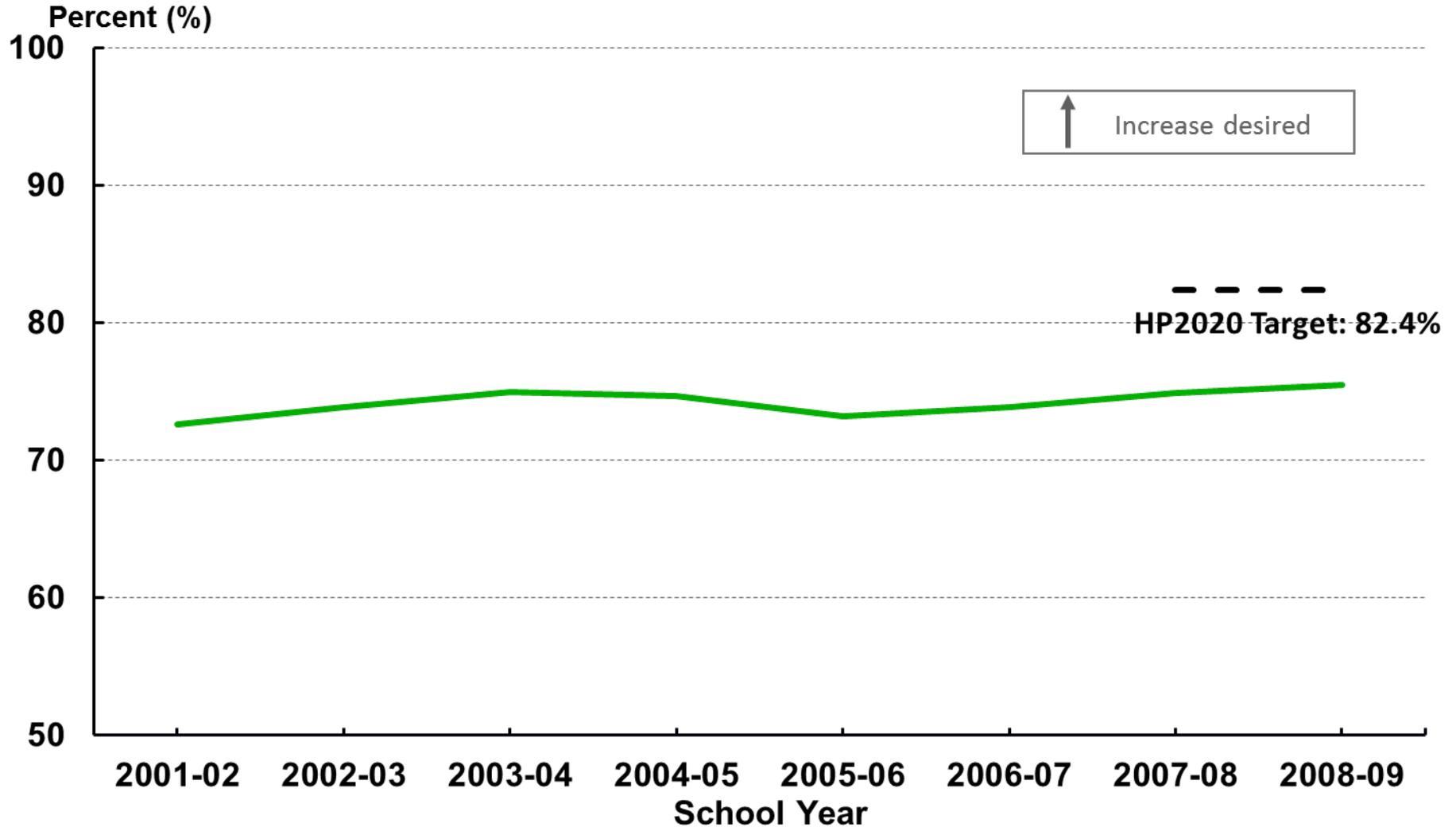
Social Determinants of Health: Education

■ Impact on:

- Life Expectancy
- Chronic Disease
- Health Behaviors

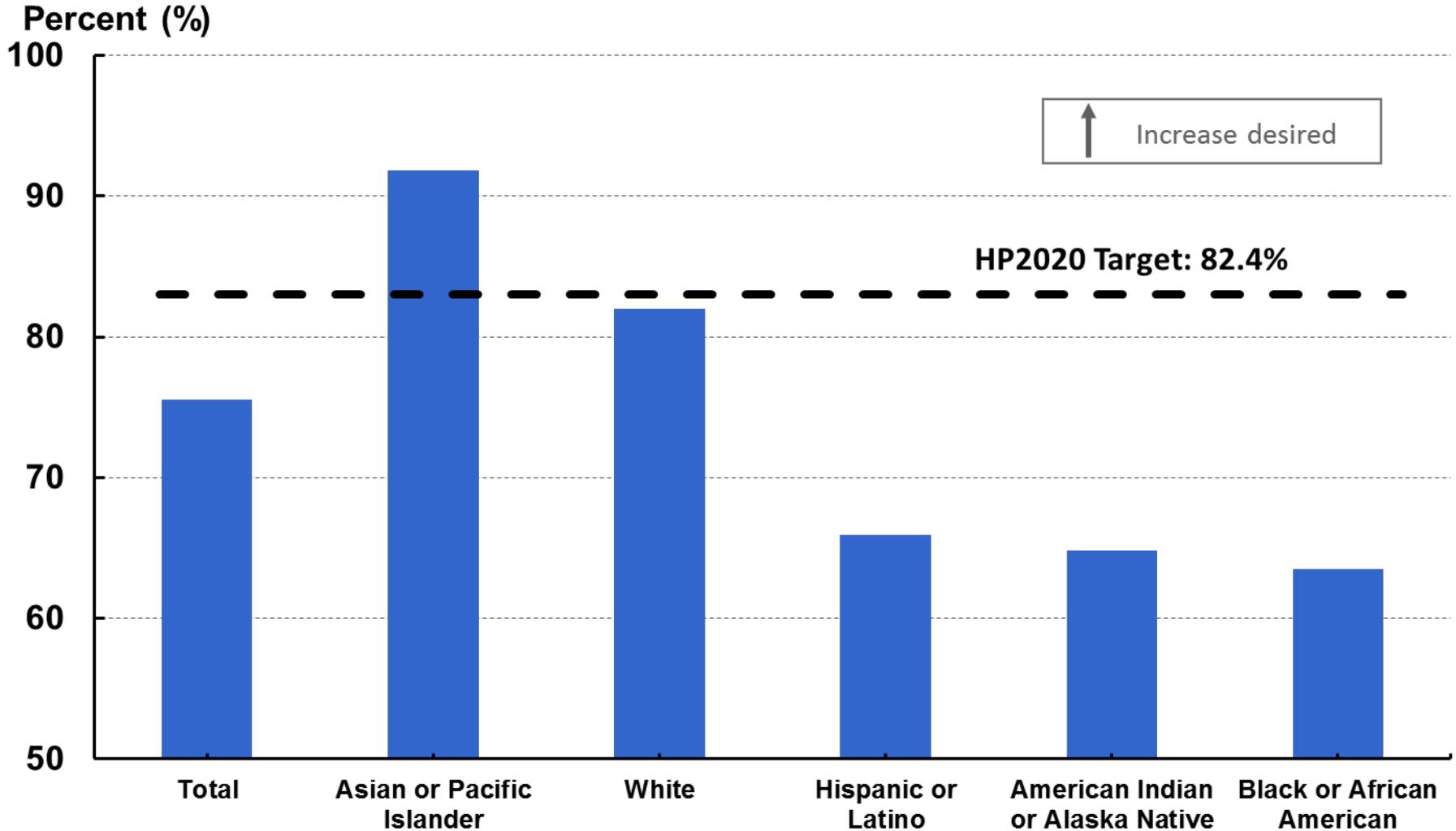


On-Time High School Graduation (within 4 years of starting the 9th grade) Averaged Freshman Graduation Rate (AFGR) for Public High Schools: School years 2001-02 through 2008-09



Note: AFGR is an estimate of the percentage of an entering freshman class graduating in 4 years. For 2008-09, it equals the total number of diploma recipients in 2008-09 divided by the average membership of the 8th grade class in 2004-05, the 9th grade class in 2005-06, and the 10th grade class in 2006-07. Totals for each year shown include any of the 50 states and the District of Columbia that reported all data elements.

On-Time High School Graduation (within 4 years of starting the 9th grade) Averaged Freshman Graduation Rate (AFGR) for Public High Schools: School year 2008-09

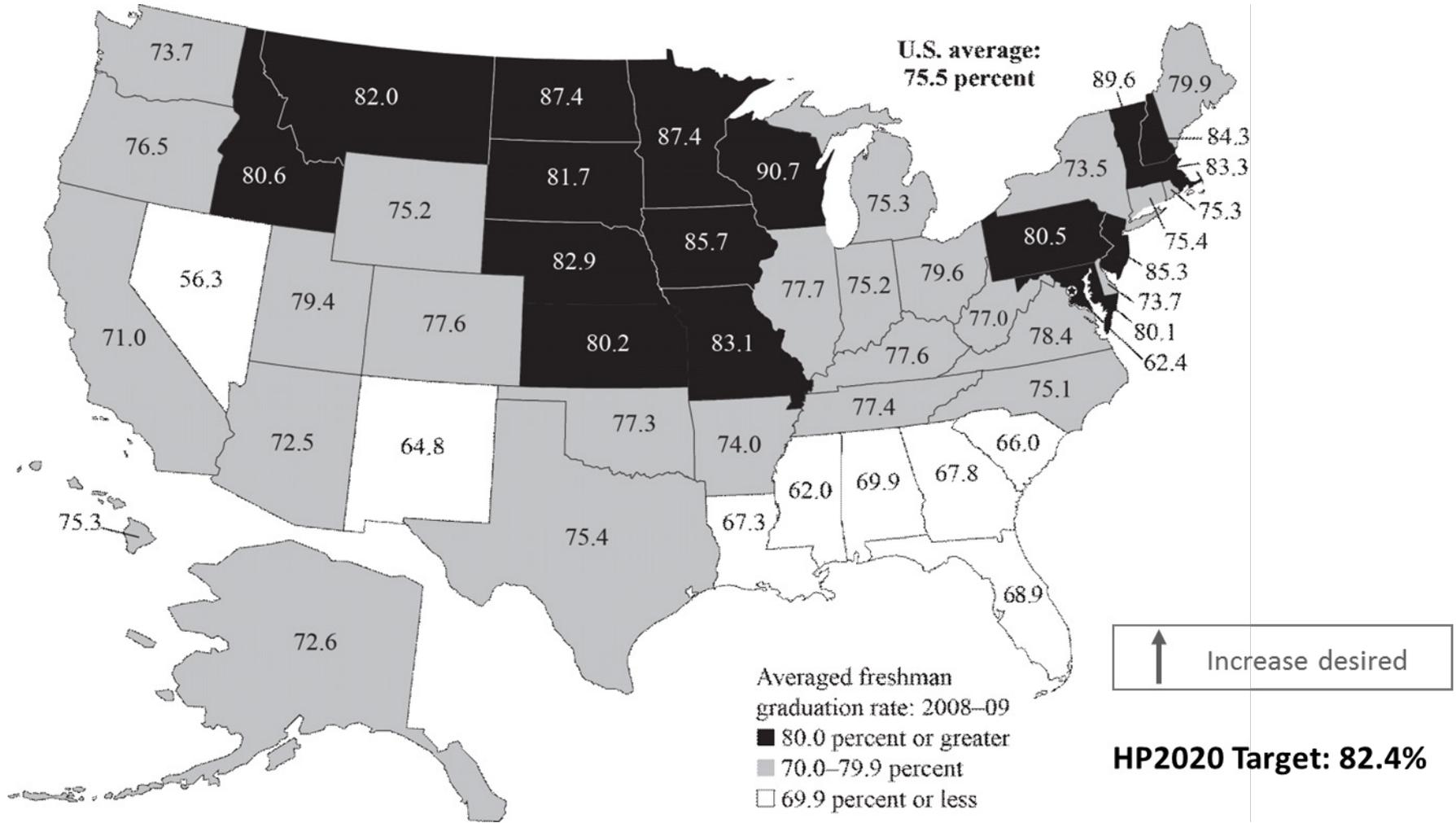


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Source: Common Core of Data (CCD), Department of Education, National Center for Education Statistics (ED, NCES).

Obj. AH-5.1

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OVERVIEW OF FIRST THINGS FIRST REFORM FRAMEWORK

James P. Connell, Ph.D.
Institute for Research and Reform in Education



Institute for Research and
Reform in Education

- IRRE is a not-for-profit organization.
- We created and developed First Things First.
- We partner with districts and states to plan and implement reform of secondary schools.



firstthingsfirst

What Is First Things First?

- ▶ A comprehensive reform framework...
- ▶ Developed to raise students' academic performance and commitment...
- ▶ To levels required for post-secondary education and high quality employment.



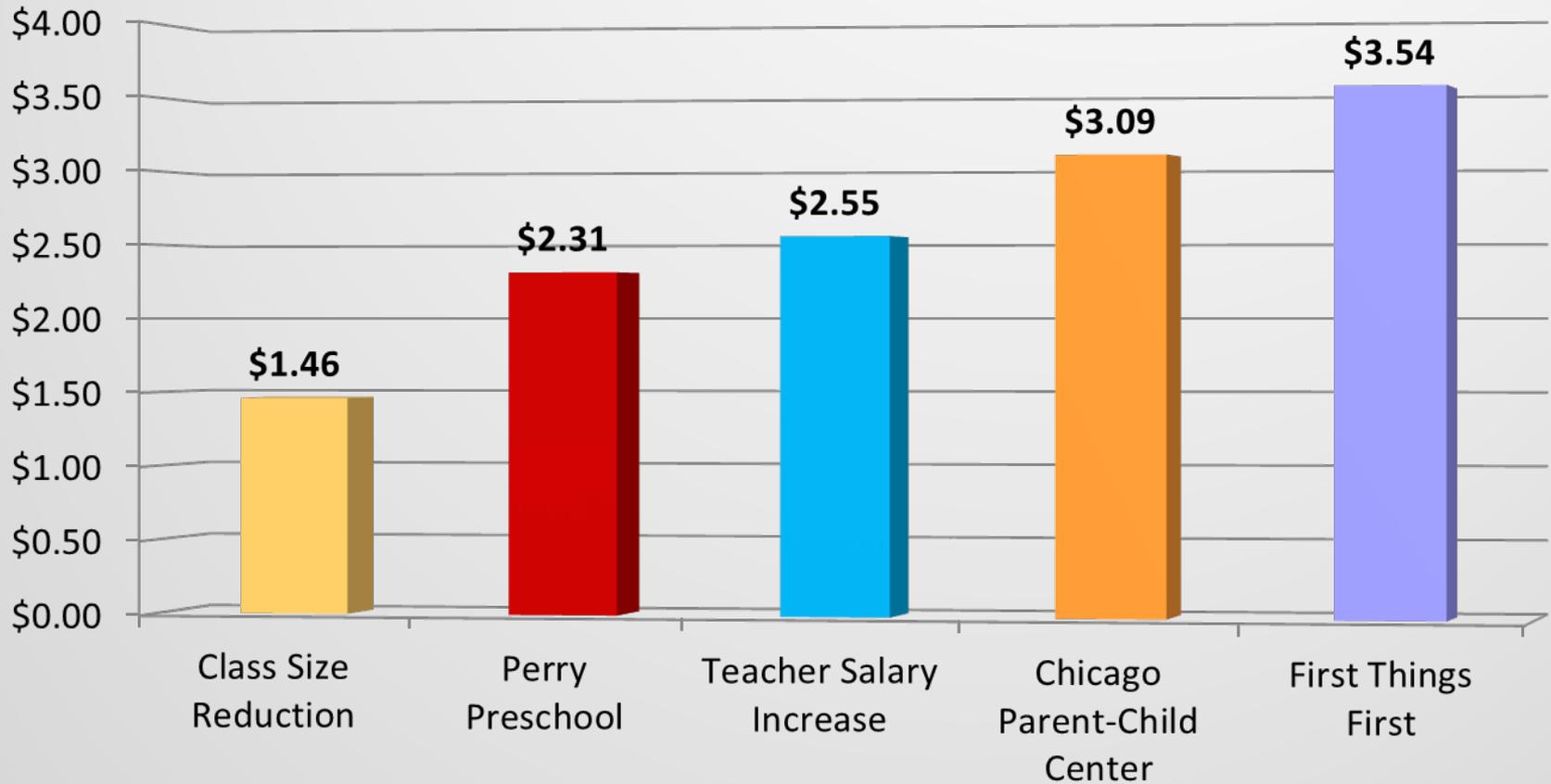
How Can Struggling High Schools Be “Transformed”?

- ▶ Change the quality of relationships among young people and adults at school and at home.
- ▶ Change the quality of teaching and learning in every classroom every day.
- ▶ Redirect political, financial and human resources to do these two things.



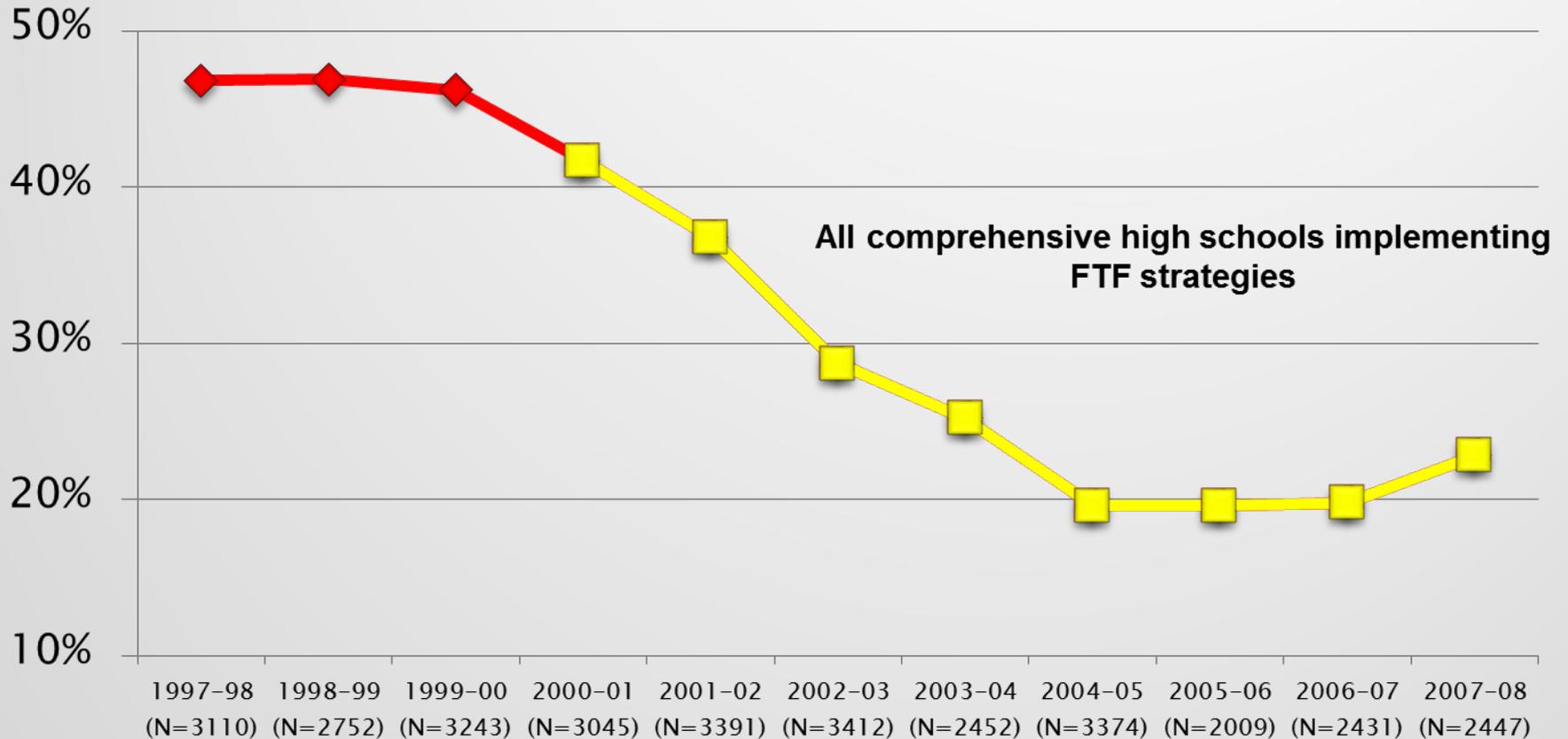
What Is the Cost/Benefit of High School Reform?

Net Return on Investment for each Dollar Spent



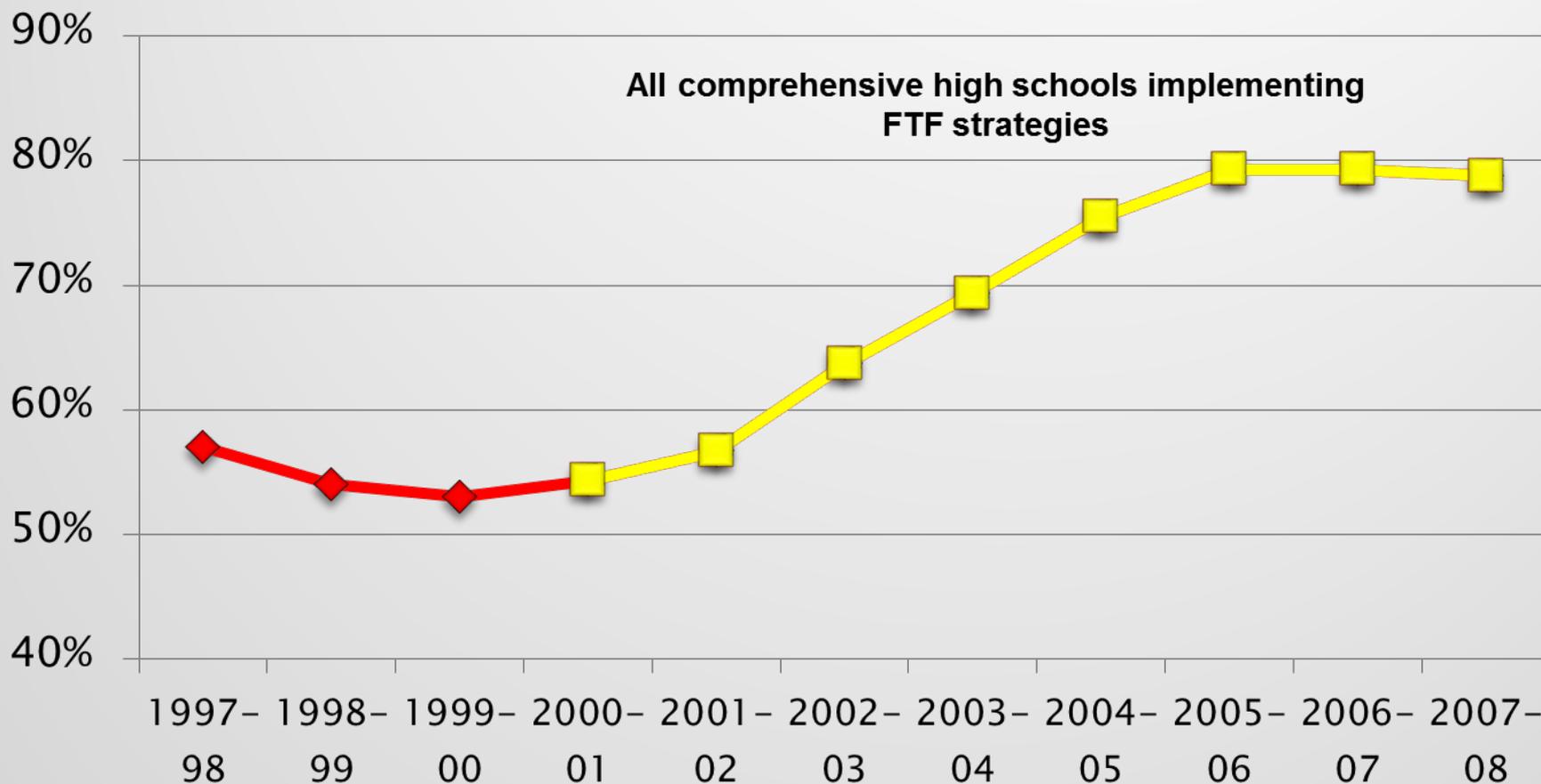
Source: Levin, H., Belfield, C., Muennig, P. and Rouse, C. (2006). *The Costs and Benefits of an Excellent Education for All of America's Children*. New York: Teachers College, Columbia University.

Percent of Disaffected High School Students in KCK Comprehensive High Schools: Three Year Moving Average



Source data: Analysis of FTF evaluation surveys of students in KCKPS and Department of Education Research & Evaluation at KCKPS

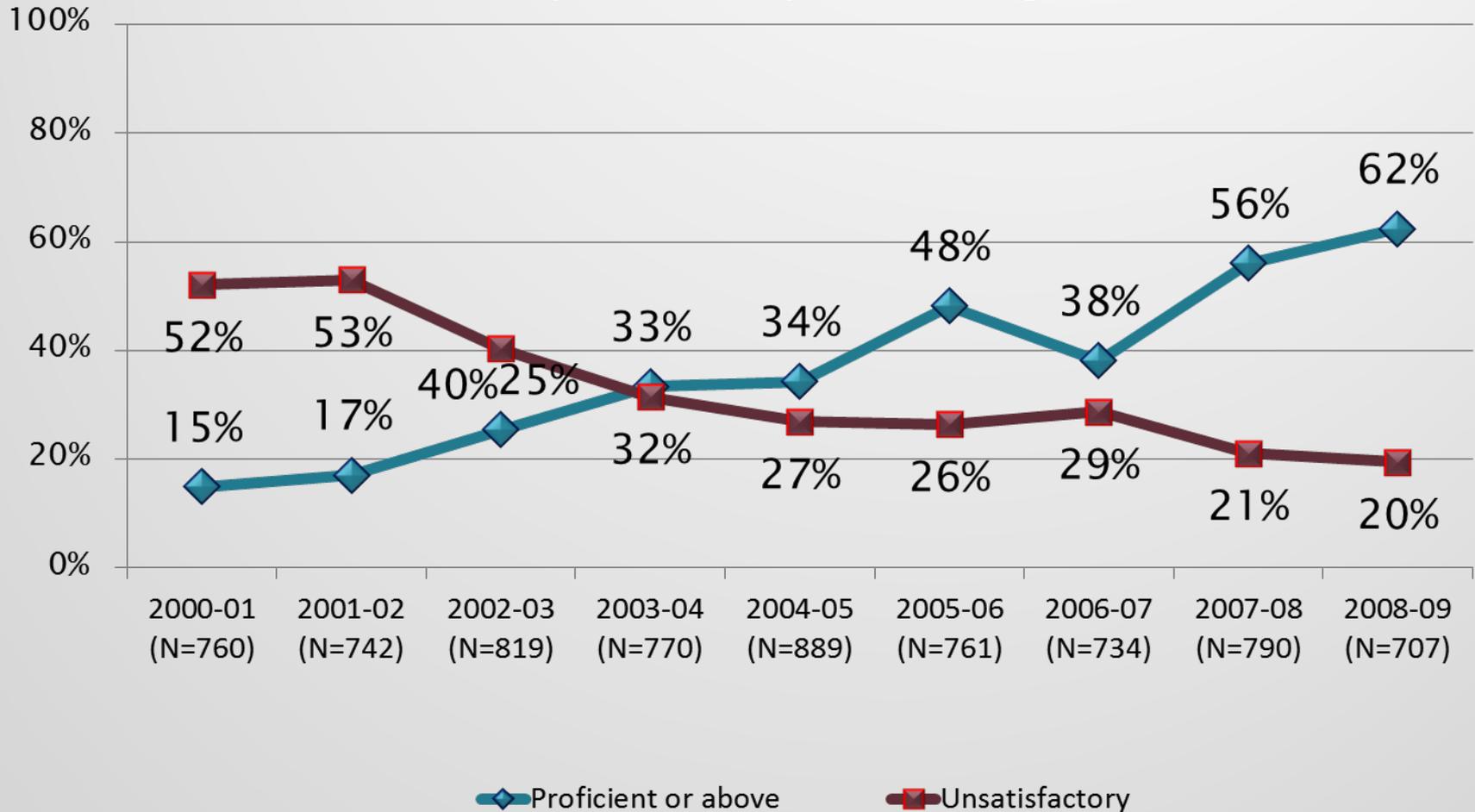
Graduation Rate in Four KCK Comprehensive HS: Three Year Moving Average



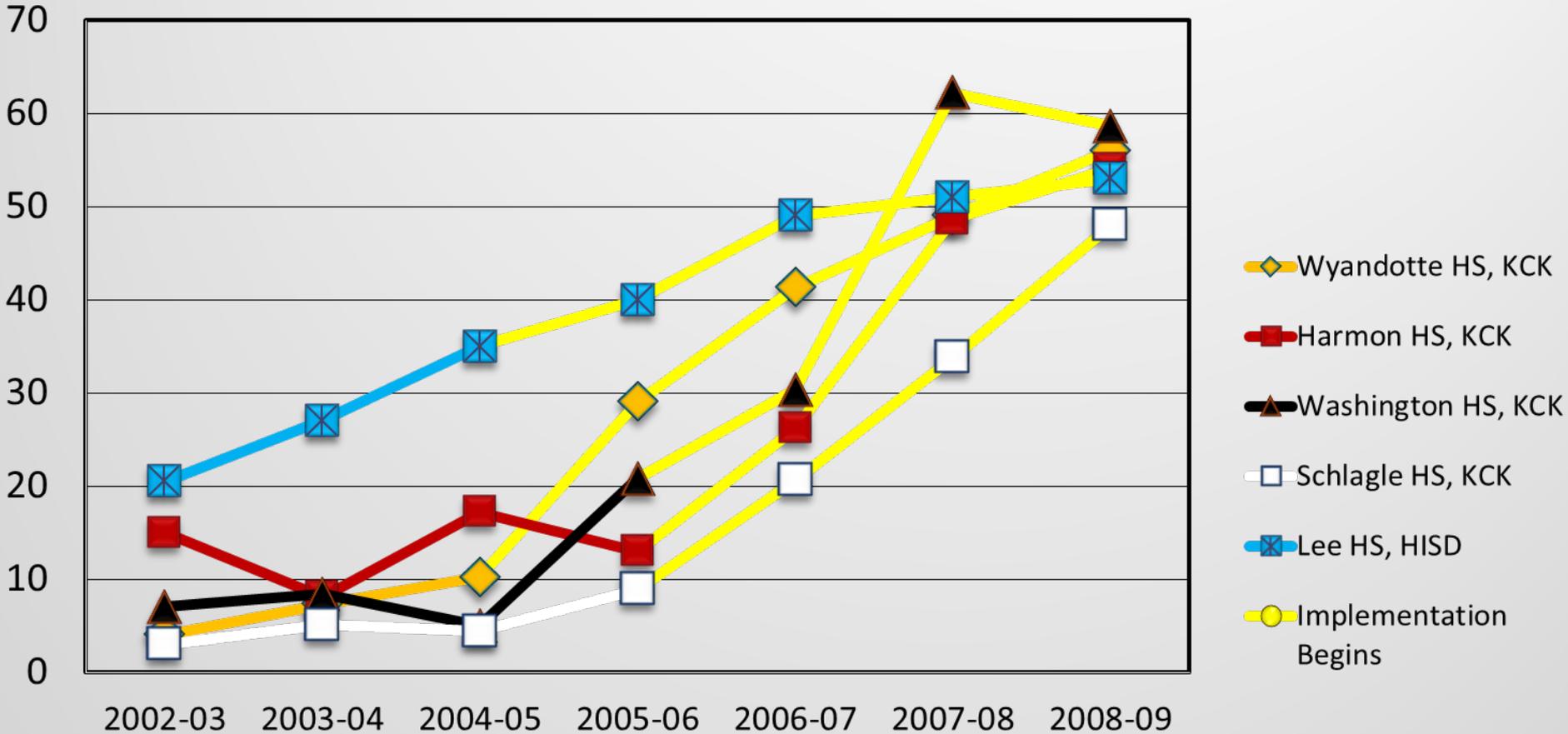
Source Data: Kansas State Department of Education District Report Card

Trends In 11th Grade Reading Assessment Scores Following Implementation of FTF Strategies

Kansas City Kansas Comprehensive High Schools

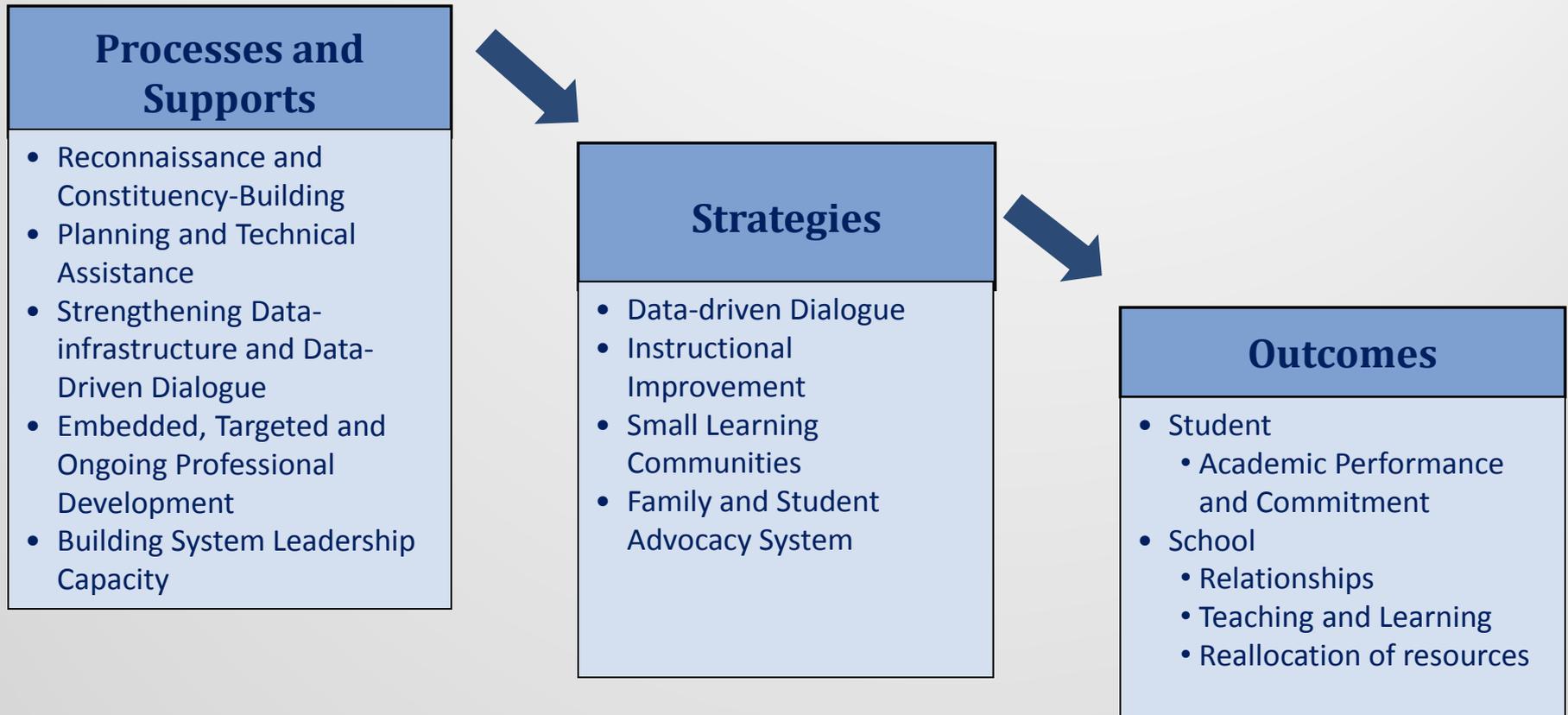


Trends in Math Test Scores Pre- and Post-Implementation of Math Benchmarking Supports in Five Comprehensive High Schools



Source Data: Kansas State Department of Education District Report Card and Texas Education Agency, AEIS Report System

Theory of Change Behind First Things First Reform Framework



First Things First Reform Strategies

Data-Driven Dialogue (DDD)

- *Vital Signs* (of instructional quality and student learning experience)

Instructional Improvement

- *Reading/Writing Matters and Health Matters* curriculum and supports

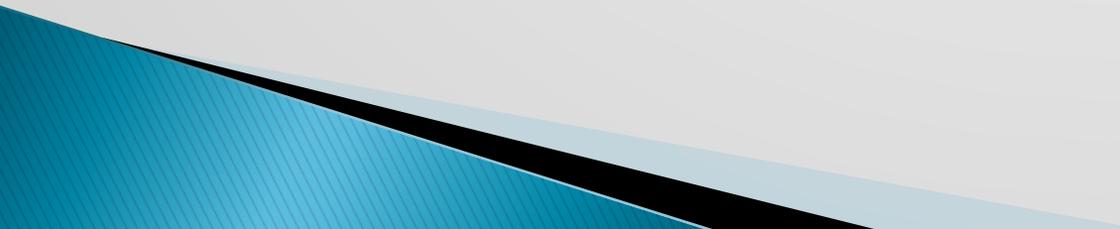
Small Learning Communities

- Four-year *Health Sciences* SLC

Family and Student Advocacy System

- Family and student conferences



- ▶ James P. Connell – President, Institute for Research and Reform in Education
 - ▶ Randy Speck – Superintendent, Madison District Public Schools
 - ▶ Mary Stewart – Principal, Wyandotte High School, Kansas City Kansas Public Schools
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