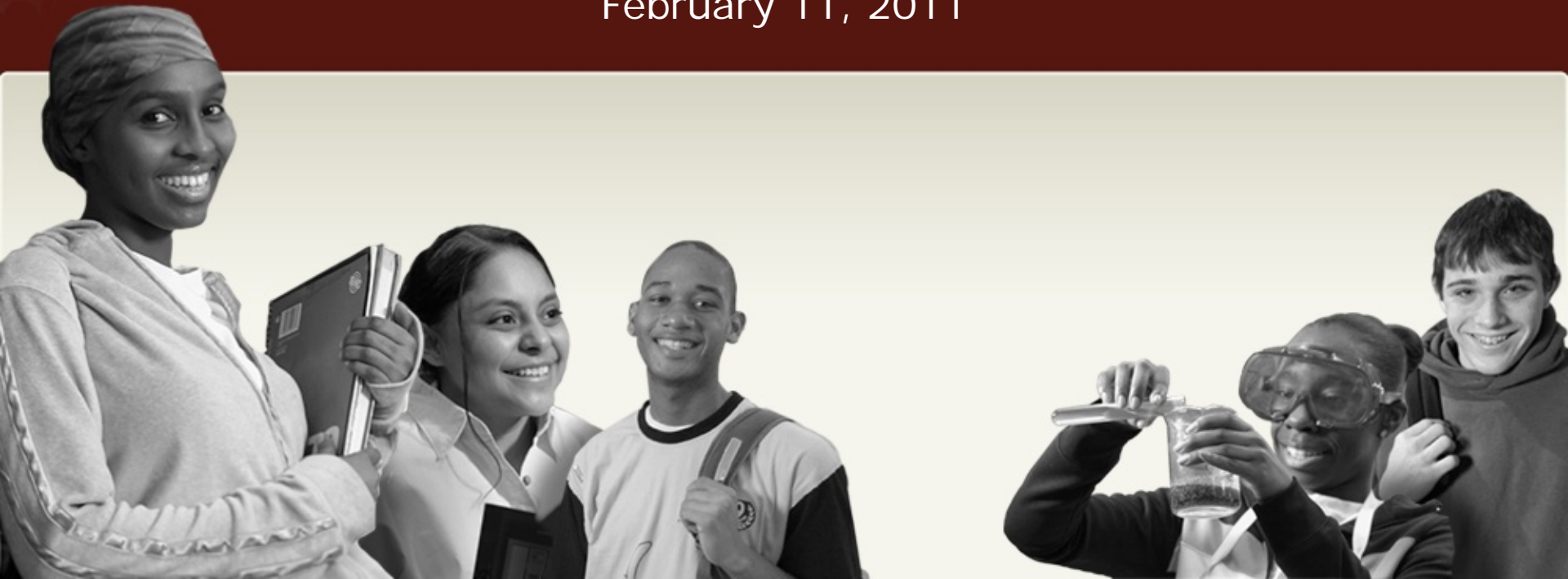


PREP-KC PREPARING ALL STUDENTS FOR COLLEGE AND CAREERS

*Missouri Department of Higher Education Committee on Transfer and  
Articulation Annual Conference*

February 11, 2011

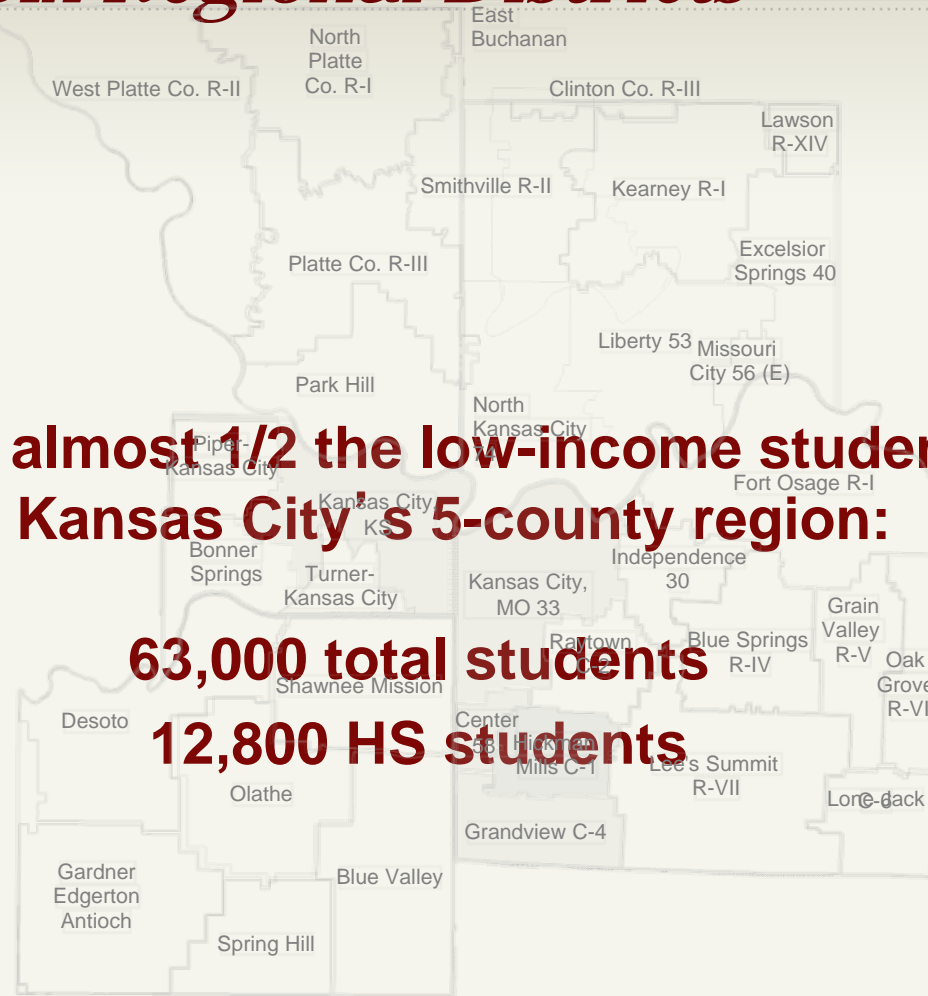




## *PREP-KC's Six Regional Districts*

**Serve almost 1/2 the low-income students  
in Kansas City's 5-county region:**

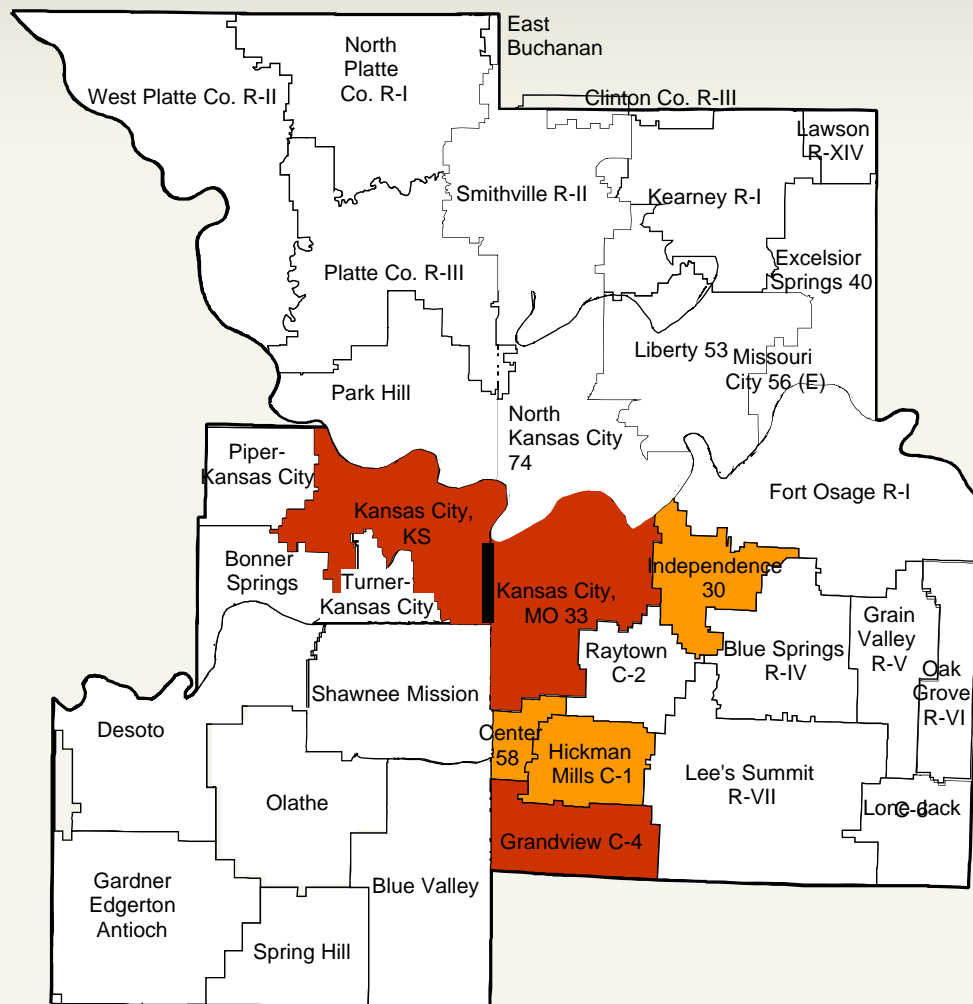
**63,000 total students  
12,800 HS students**



*Source: DESE & KSDE SY2010*



# PREP-KC Strategic Partnerships

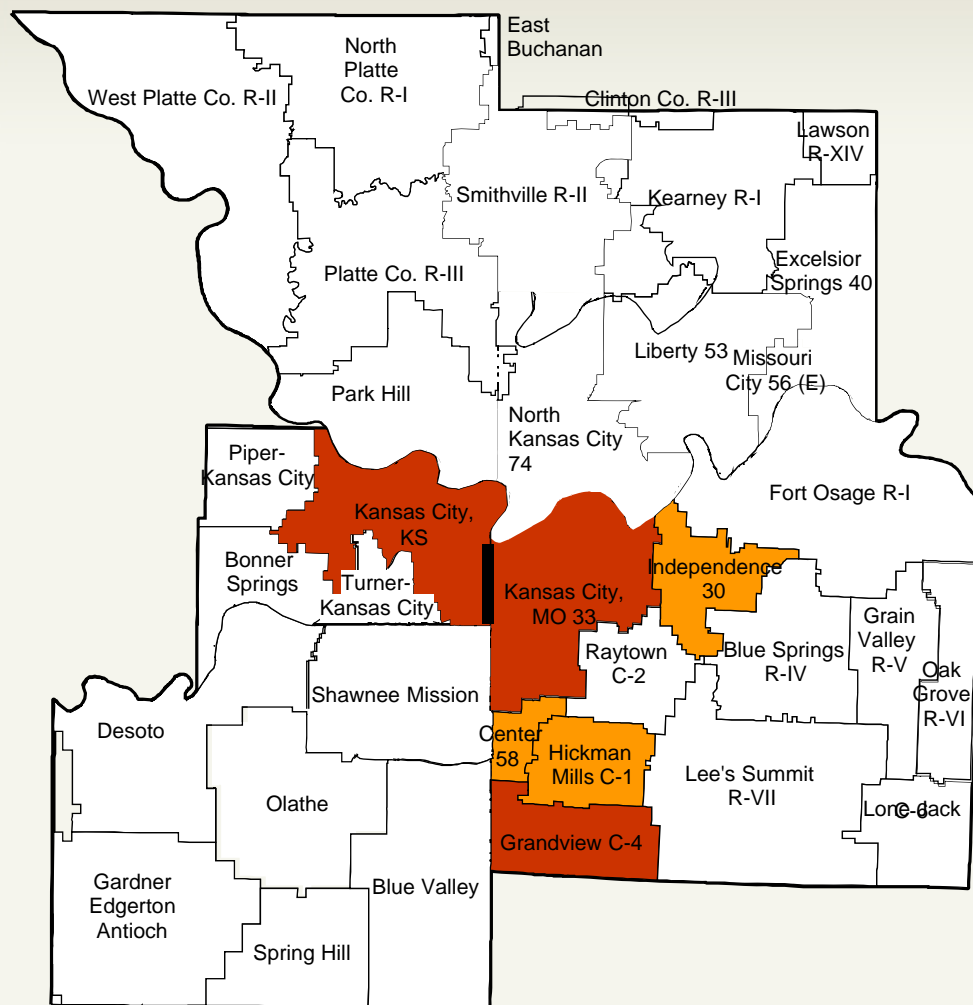


<u>District</u>	<u>% Low-income</u>
<b>Kansas City, KS</b>	<b>86.5%</b>
<b>Kansas City, MO</b>	<b>81.6%</b>
<b>Independence, MO</b>	<b>60.6%</b>
<b>Center, MO</b>	<b>67.1%</b>
<b>Hickman Mills, MO</b>	<b>77.0%</b>
<b>Grandview, MO</b>	<b>61.9%</b>

PREP-KC's 6 partner districts represent **47.7%** of low-income students within the 5-county region



# PREP-KC Strategic Partnerships

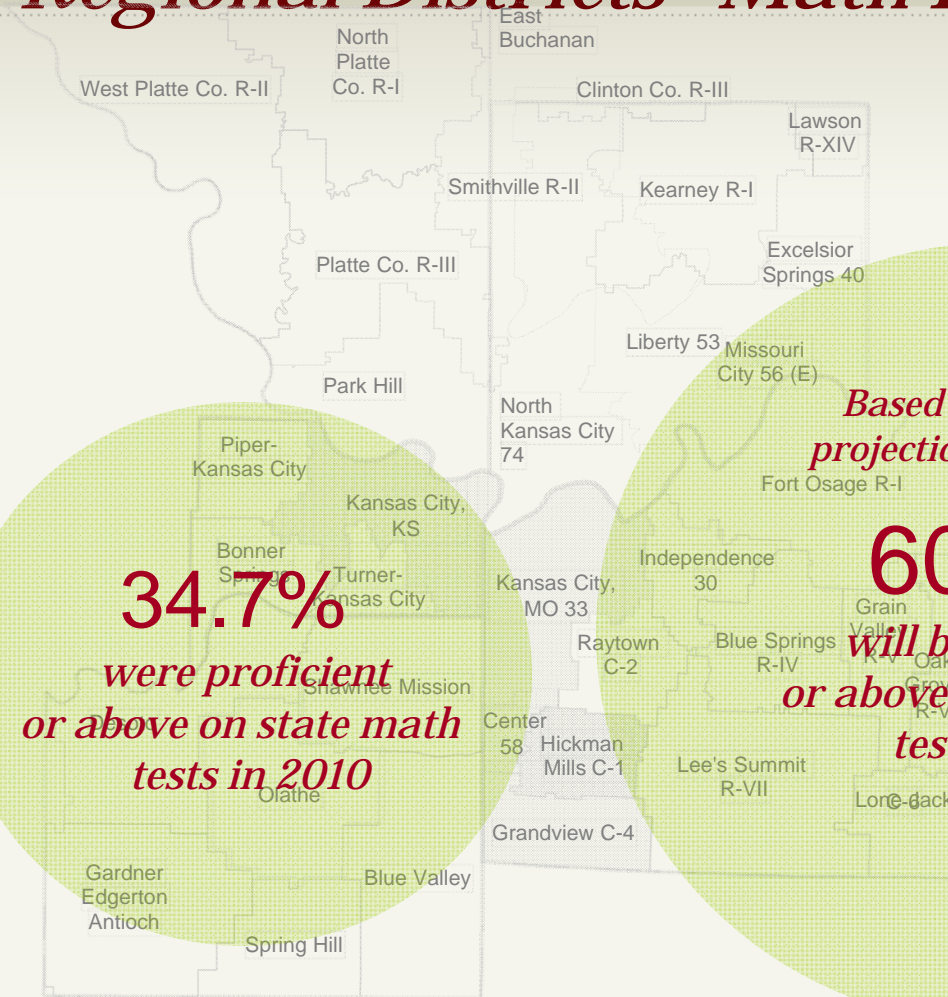


<u>District</u>	<u>Students of Color</u>
<b>Kansas City, KS</b>	<b>85.0%</b>
<b>Kansas City, MO</b>	<b>91.4%</b>
<b>Independence, MO</b>	<b>26.7%</b>
<b>Center, MO</b>	<b>77.4%</b>
<b>Hickman Mills, MO</b>	<b>87.5%</b>
<b>Grandview, MO</b>	<b>72.1%</b>

PREP-KC's 6 partner districts represent **49.2%** of the students of color within the 5-county region



# *PREP-KC's 6 Regional Districts–Math Rigor*



**5.5%**  
*were proficient  
or above on state  
math tests  
in 2005*

**34.7%**  
*were proficient  
or above on state math  
tests in 2010*

*Based on conservative  
projections, it is estimated*  
**60.3%**  
*will be proficient  
or above on state math  
tests in 2015*

*Source: Missouri DESE & KSDE/ DERA, percentages are of students taking the state math test  
Projections assume district enrollment holds steady and are based on projected annual proficiency increases of 6.0% in  
Missouri partner districts and 4.0% in KCKPS schools. NOTE: Data is from two different state assessments (KS and MO)*





# *Overview of Key Strategies*

*2005-10*

**Small Learning Communities**

**Instructional Rigor**

**Family Advocacy / Advisement**

*2010-15*

**Math Rigor – Math Benchmarking**

**Early College Strategies**

**Career Themes – Work-based Experiences**



## *3 Early College Strategies*

### Accelerated STEM Academies

- Students attend classes at urban community colleges
- Health Sciences
- Engineering
- Biotechnology

### Early College course-taking

In multiple urban high schools, students take classes at their high school

### Southwest Early College Campus

- College course-taking for *all* students
- Students attend classes on a college campus & at their high school through partnerships with UMKC & Donnelly



# *Southwest Early College Campus*

## **Original Design Elements**

- Early College school for grades 6-12
- Math/ Science emphasis
- Open Enrollment, no entrance exam required
- Course-of-study co-designed (K-12 and Higher Education)
- Opportunity to earn significant college credit
- Ongoing college campus learning experiences
- Classes taught by master teachers & college professors
- Additional supports offered during and after school hours





## *Partners*

PREP-KC



Kansas City, Missouri  
SCHOOL DISTRICT



DONNELLY  
COLLEGE  
EST. 1949



# Highlights

## Academic Outcomes

- Southwest made AYP (adequate yearly progress) in all subgroups
- 44.4% of high school students scored proficient or above on the Algebra 1 EOC (a 22% gain from last year)
- 72.2% of high school students scored proficient or above on the English 2 EOC (first year SWECC students took this EOC)

## Early College Participation

- Over 60% of the 2008 and 2009 9<sup>th</sup> grade classes earned at least one college-credit
- 43 students earned college credit in the 09-10 SY in courses including: College Algebra, Pre-Calculus, and Latin.

*Data Sources: DESE SY2009 & 2010 EOC data  
and SWECC data on college courses/credits*



# *Highlights*

## Family Engagement

- 100% participation in SWECC Enrollment Conferences and 100% completion of the SWECC family contract
- 55% participation in fall and spring Parent-Teacher Conferences
- 40% student participation rate in extended-day

## Academic Honors/Competitions

- 1st place in regional stock market competition & FIRST Robotics League
- 3rd place in regional Mathletics competition
- Original script and performance of “Black History Month” play and celebration
- Student writing published in the UMKC Sosland Journal



## *Supporting ALL students in being College Ready*

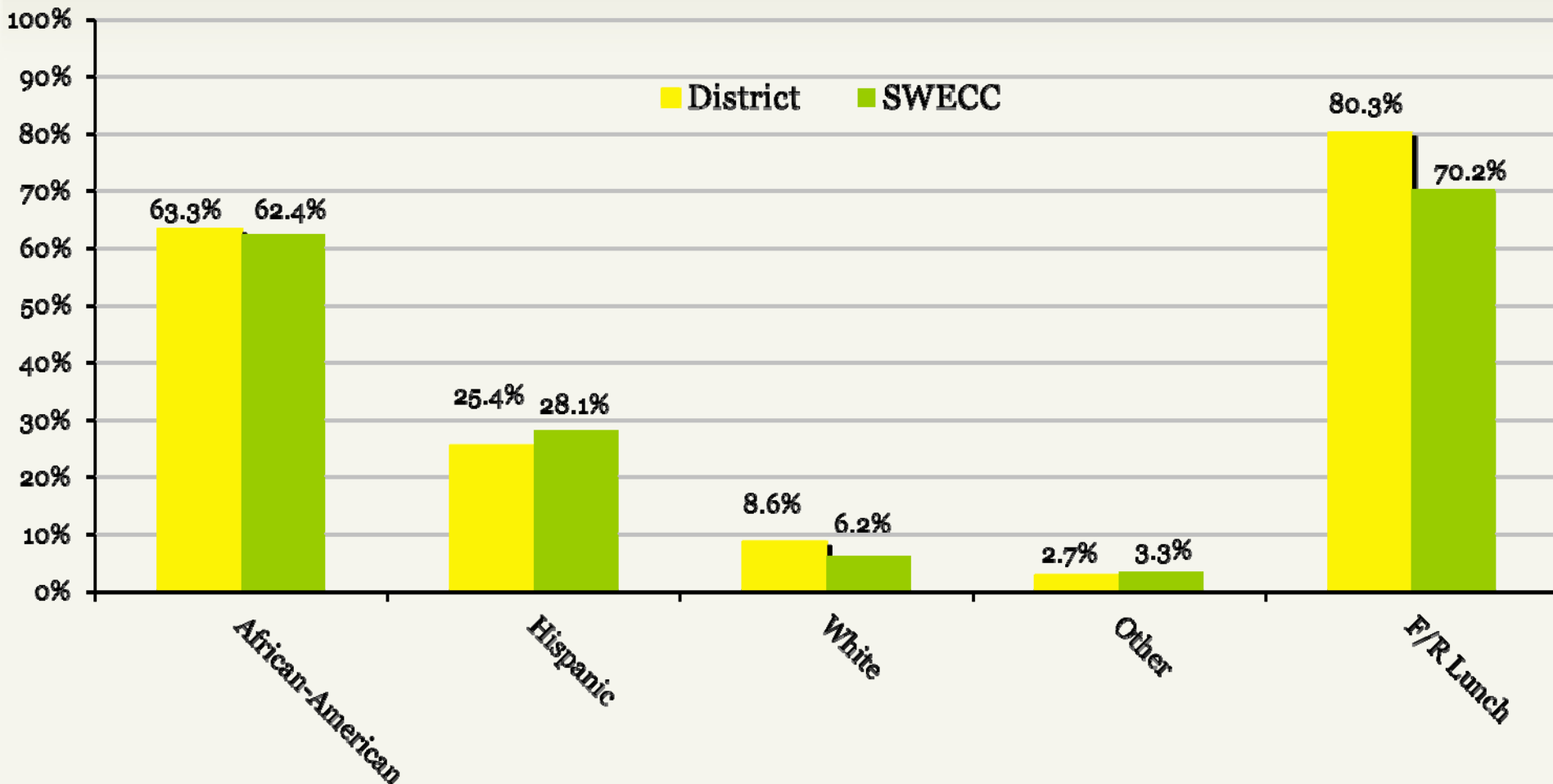
- Hiring, retaining, and supporting teaching faculty
- Providing a system of supports for students (extended-day, Advising)
- College-going culture
- A strong partnership (K-12, Higher Education, Business, Non-profit)



## KCMSD Demographics 2009-10

*District Enrollment: 16,868*

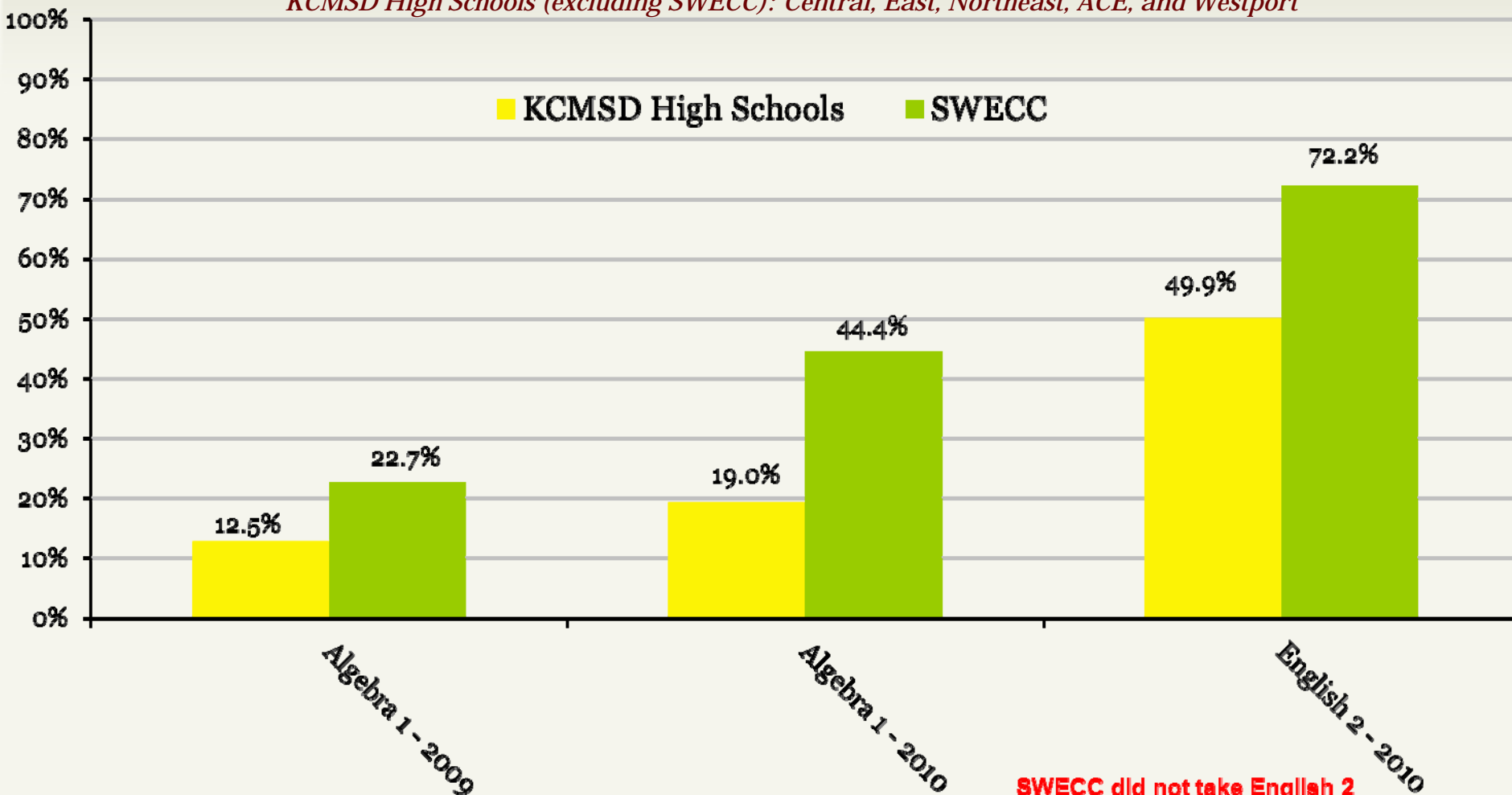
*SWECC Enrollment: 449*





## KCMSD Algebra/English 2009-10 Proficient or Advanced

KCMSD High Schools (excluding SWECC): Central, East, Northeast, ACE, and Westport



Source: DESE SY2009 & 2010

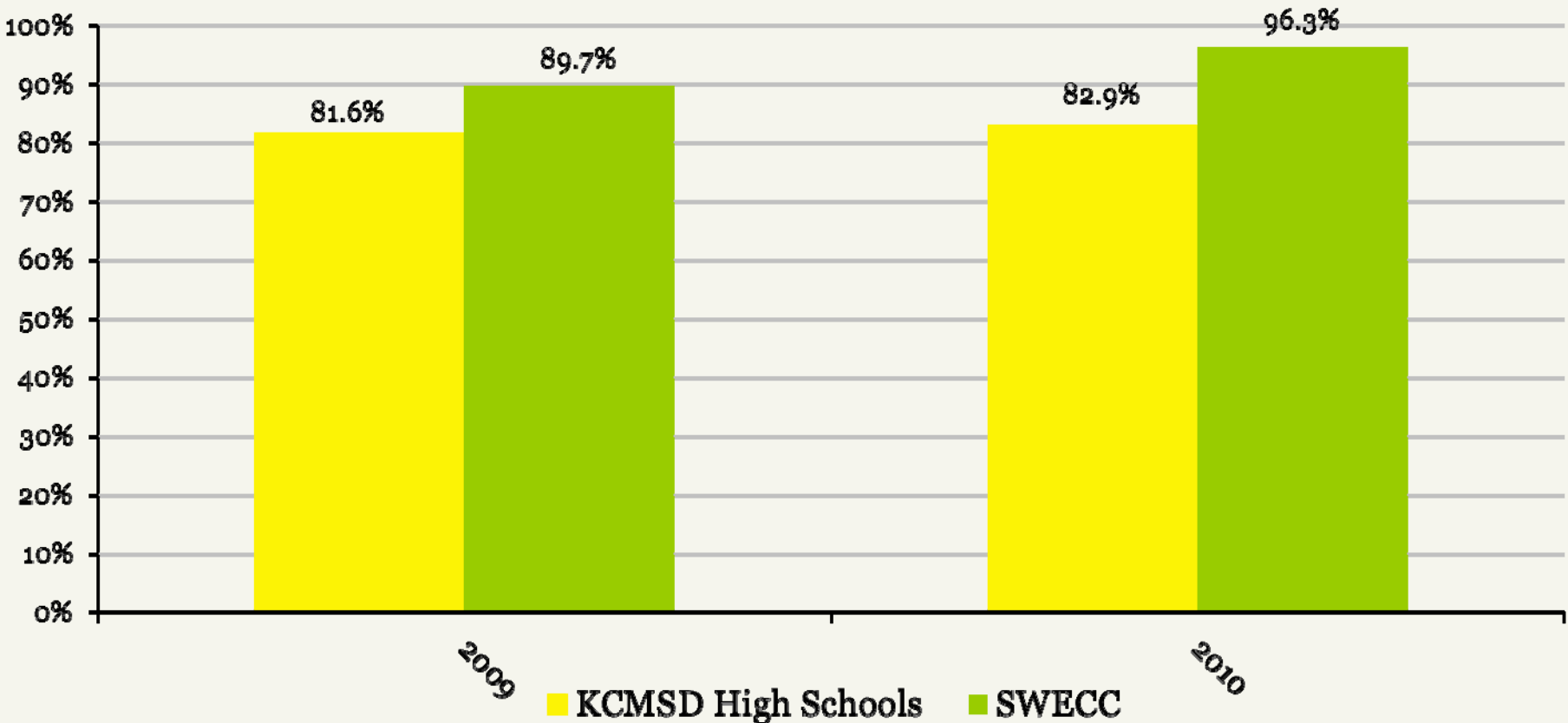




## *KCMSD 2009-10 Attendance Data*

*KCMSD High Schools (excluding SWECC): 2010 - Central, East, Northeast, ACE*

*2009 - Central, East, Northeast, ACE, Westport*



*Source: DESE 2009 & 2010*  
*Note: 2010 data is preliminary*

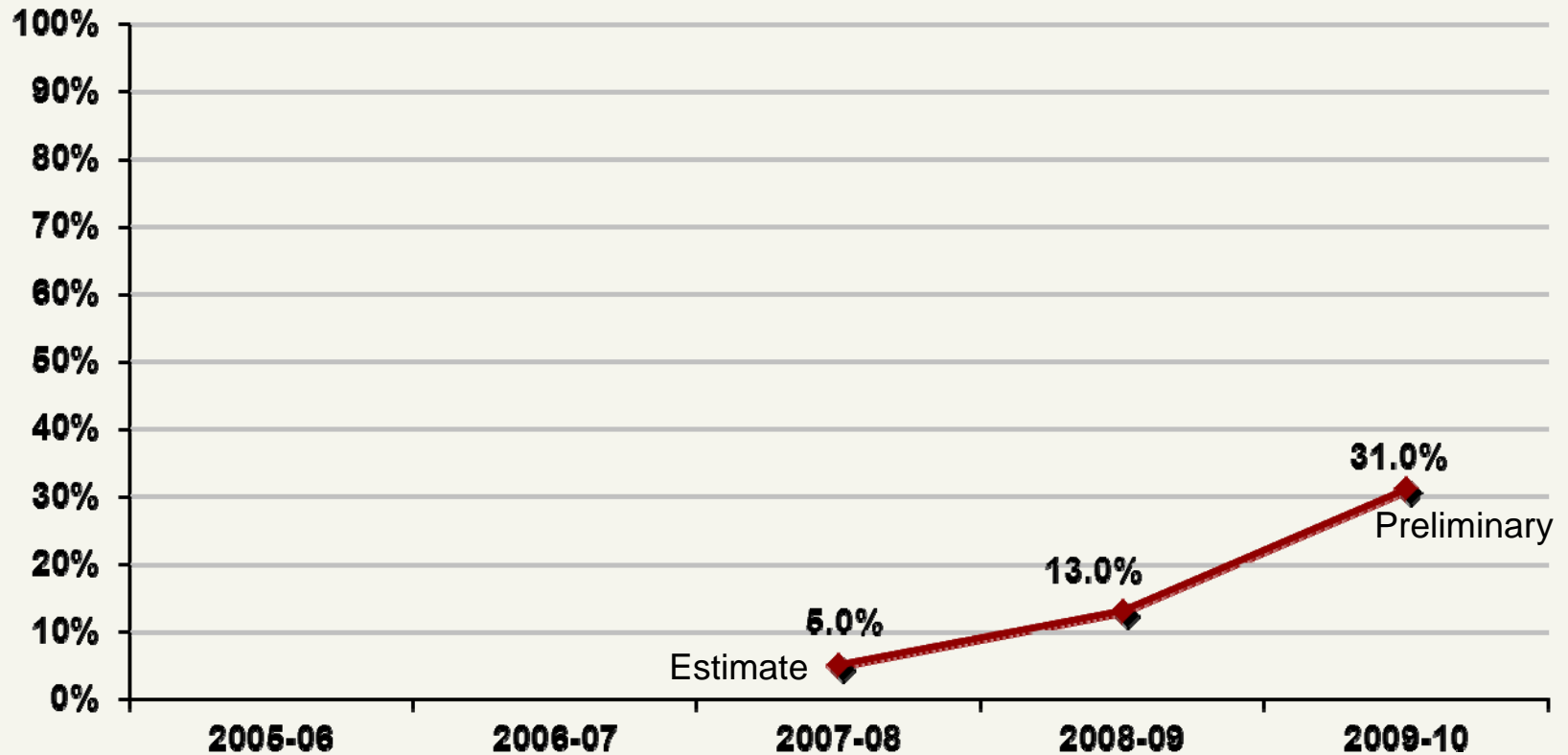


Read more at:  
[www.prepkc.org](http://www.prepkc.org)





## *KCKPS graduates earning early college credits while in high school*





## *Early College Pathways for STEM Careers*

### *Overview*

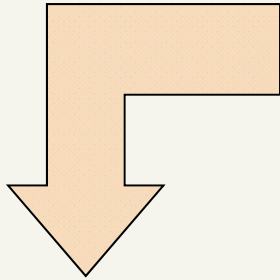
- Early-College Course-taking at a local community college during the high school years
- Tuition costs supported by PREP-KC, community college and/or district funds
- Strong, new academic alignment between high schools and colleges
- Growing numbers of low-income and/or first-generation college goers beginning a college/career pathway during high school

### *Career Fields*

- **Nursing/ Allied Health-** 30 KCMSD students at Penn Valley Community College
- **Engineering-** 15 KCKPS students at KCK Community College
- **Biosciences-** 16 students from KCKPS & KCMSD attending KCK Community College



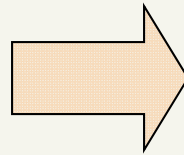
## *Career Themes: PREP-KC Workforce Liaisons*



*Health Sciences*  
*Engineering & Tech*  
*Arts & Communications*  
*Business & Finance*

### College & career experiences:

- Classroom speakers
- Career fairs
- Workplace tours
- Career-themed college visits



### 2010 Results:

**245** Kansas City professionals participated in

**7,200** individual career exploration experiences for urban high school students





# *Economic Impact in the Kansas City Region*

**\$127,000** = lifetime net economic benefit to the U.S. economy per high school graduate (including lifetime income, taxes, & reduced cost of public health, crime and justice, and welfare)

From 2001-2009

1,615 additional KCKPS graduates since 2001= \$205,105,000

797 additional KCMUSD graduates since 2004= \$101,210,000

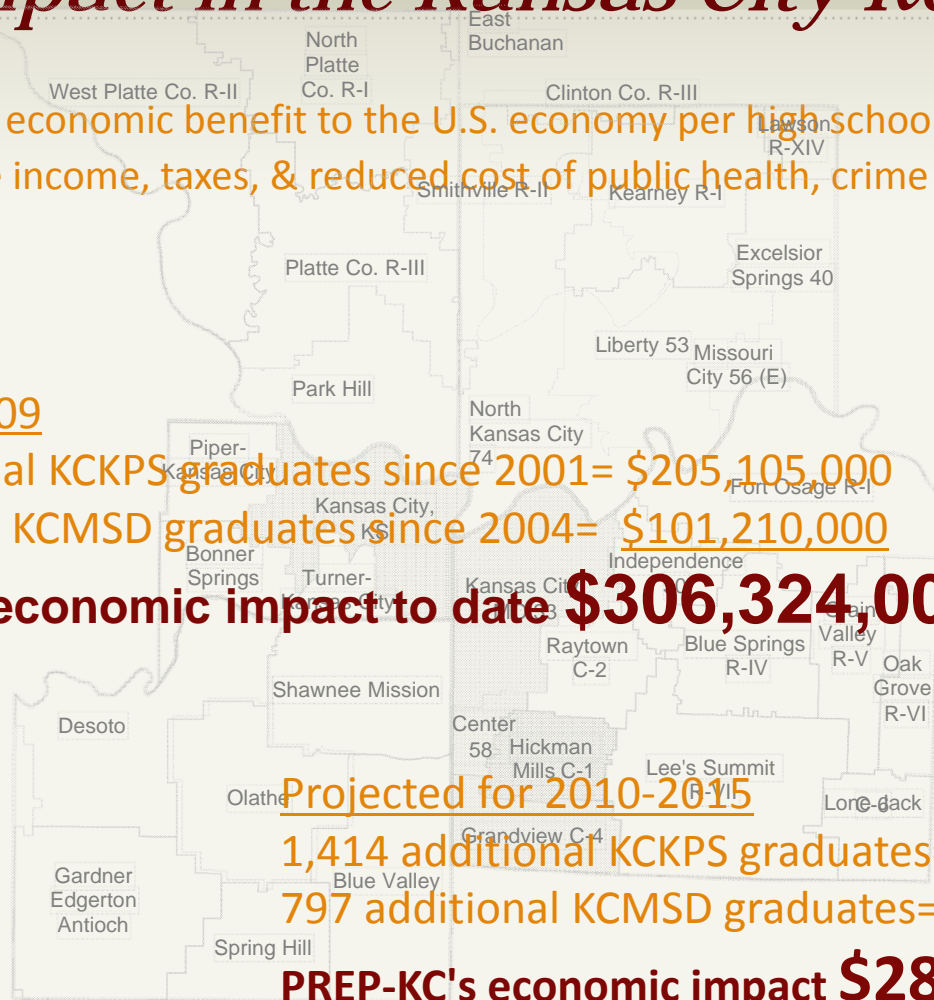
**PREP-KC's economic impact to date \$306,324,000**

Projected for 2010-2015

1,414 additional KCKPS graduates= \$179,578,000

797 additional KCMUSD graduates= \$101,219,000

**PREP-KC's economic impact \$280,797,000**



*# of students represents additional students who graduated over # expected based on pre-intervention graduation rates  
Henry Levin et al. 2007, "The Costs and Benefits of an Excellent Education for All of America's Children," New York:  
Teachers College, Columbia University.*