



Driving Systemic Change in Education

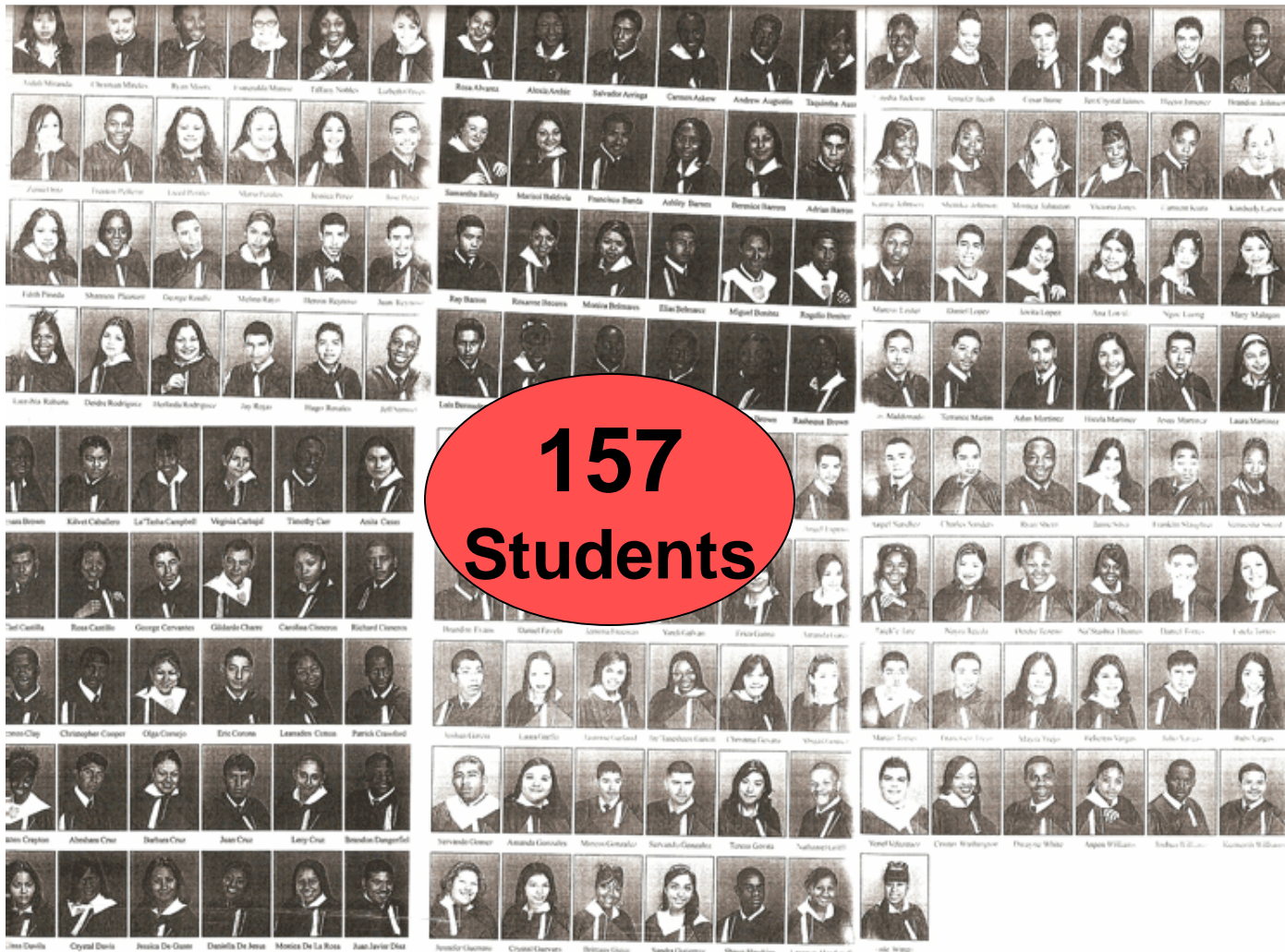
Experience Austin

Matt Pope
October 25, 2016

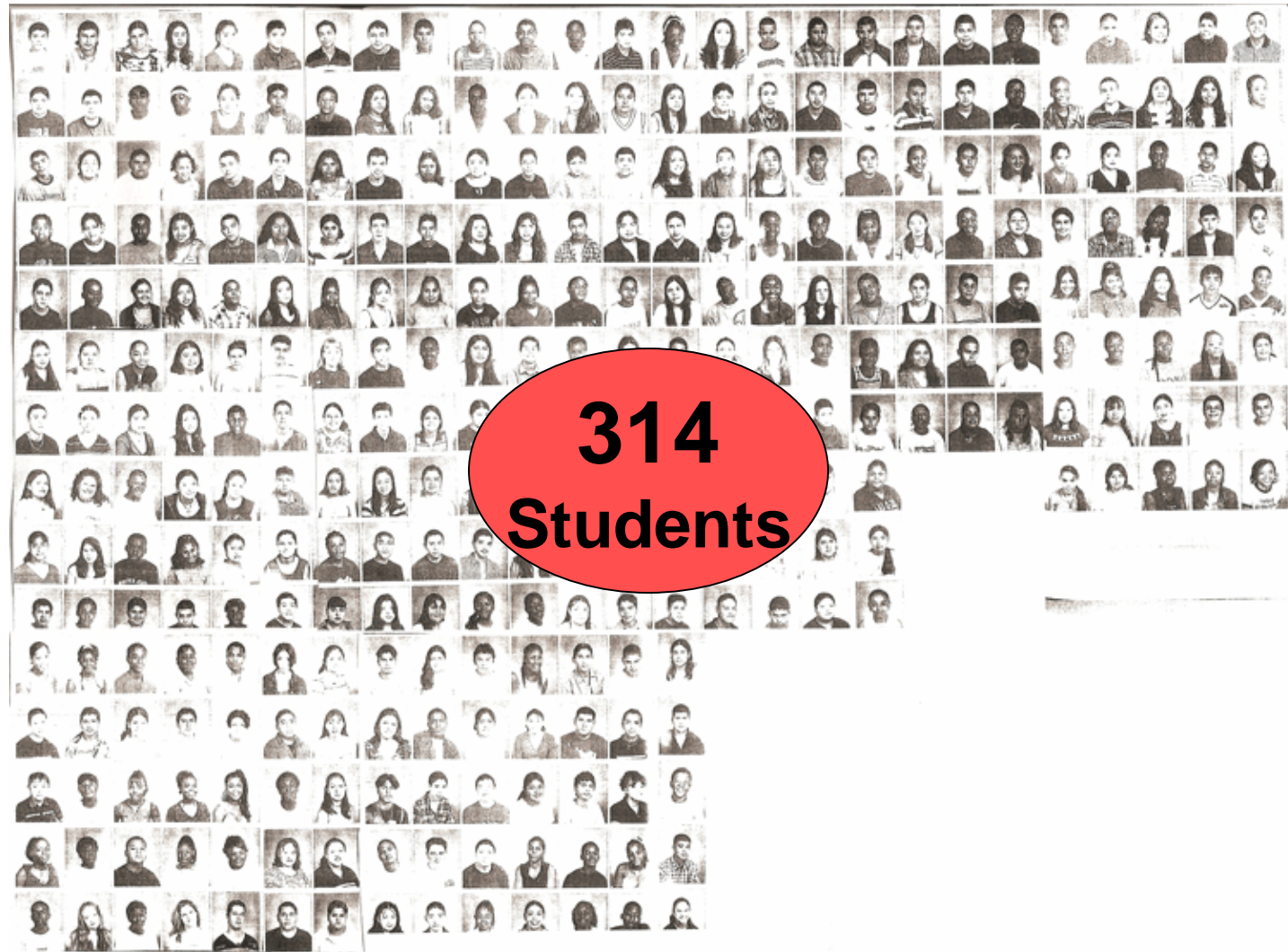
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"Central Texas High" Senior Class



"Central Texas High" Freshman Class



Overall, *too few* students

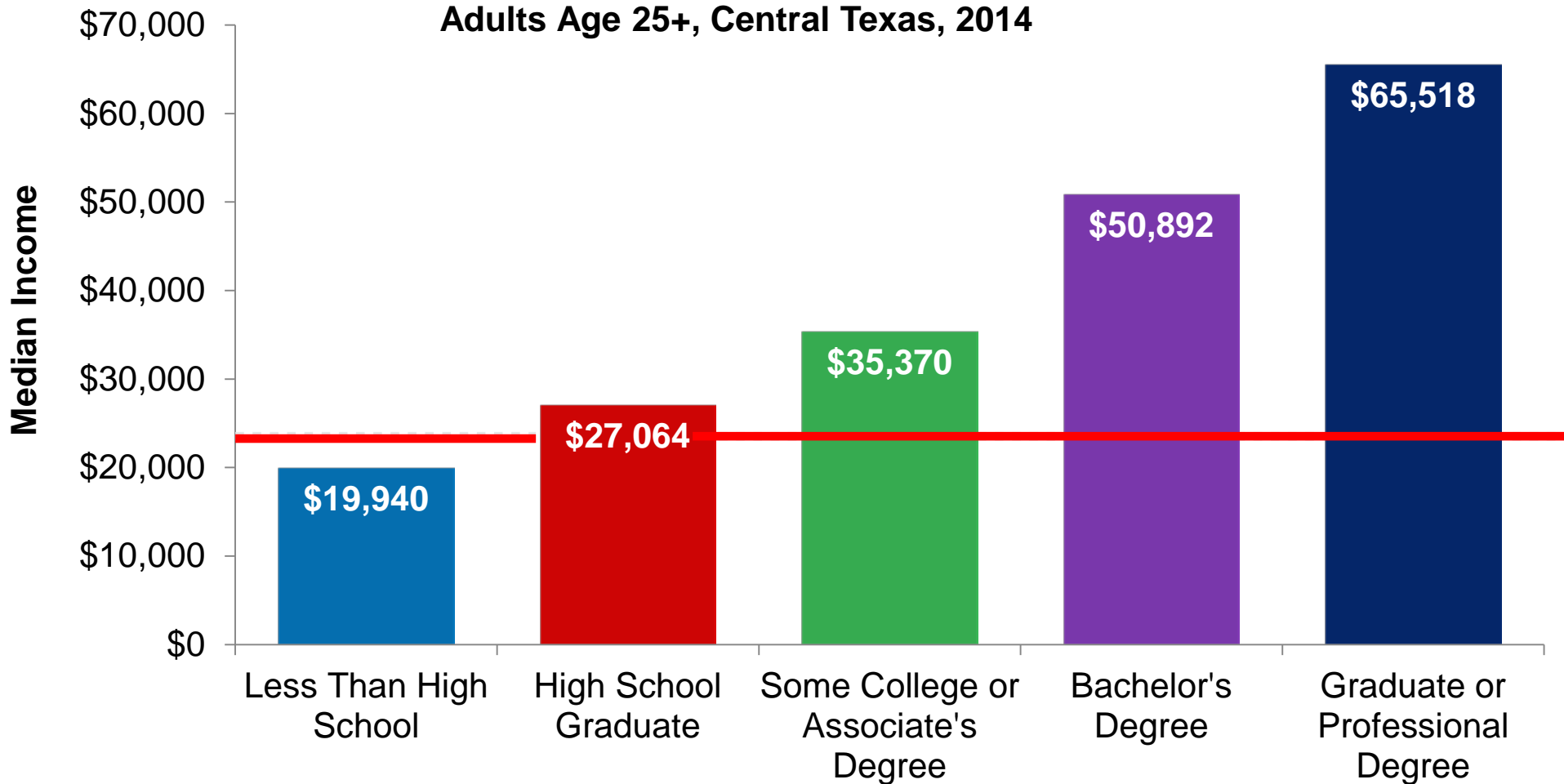
- ⇒ *Graduate high school*
- ⇒ *Go to college, and*
- ⇒ *Get a post-secondary degree*

To meet the needs of our region in a globally competitive economy



Median Income in Central Texas Increases Dramatically with Higher Levels of Education

Median Income by Educational Attainment
Adults Age 25+, Central Texas, 2014

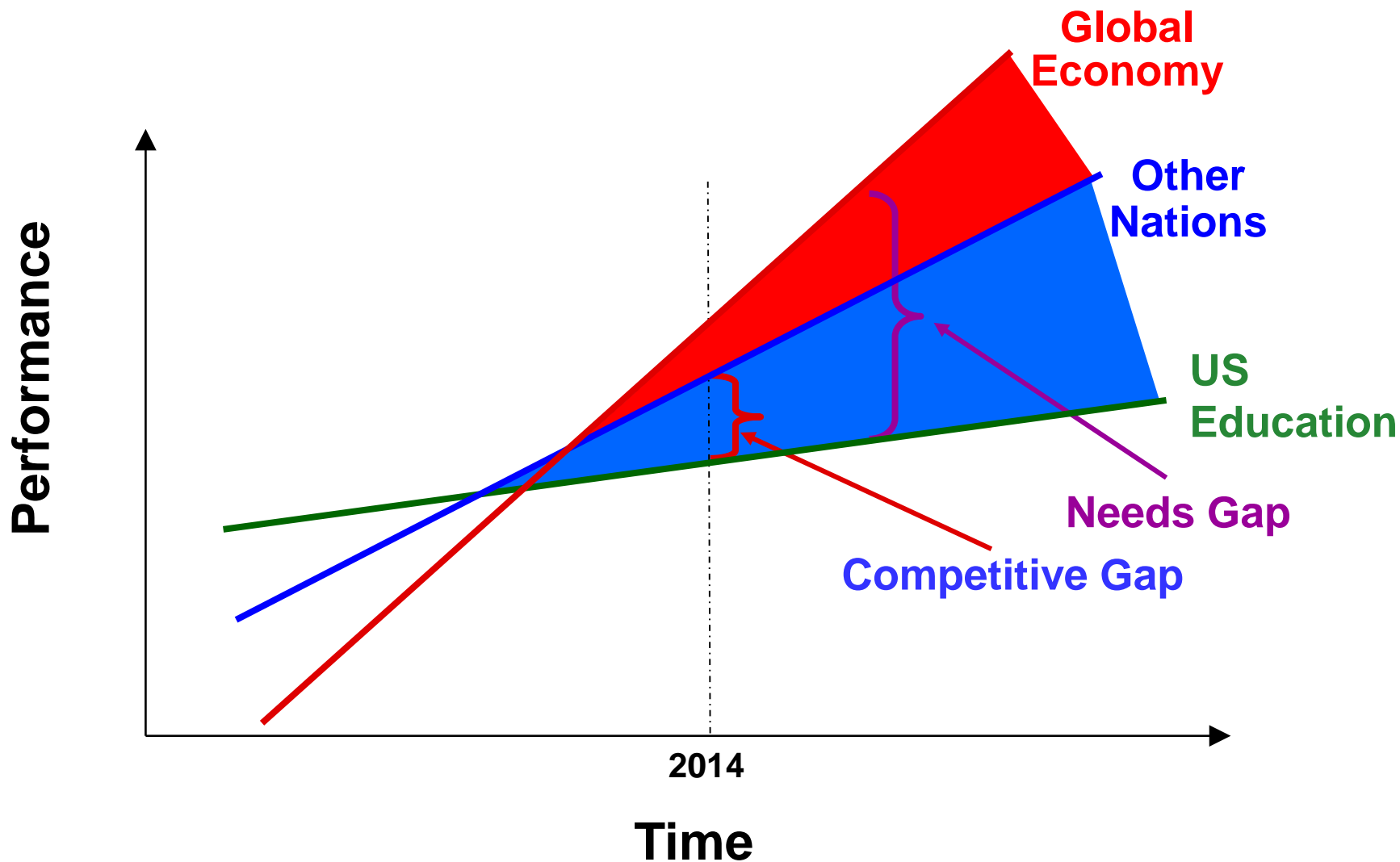


Source: American Community Survey, 2014 5-Year Estimates

* 2015 Federal Poverty Line for a family of 4 (\$24,250)



"The Big Disconnect"



E3 Alliance is a Catalyst For Educational Change in Central Texas



Mission

*E3 Alliance uses **objective data** and focused **community collaboration** to align our education systems so **all students succeed** and lead Central Texas to **economic prosperity***

E³** serves as the **Central Texas regional P-16 Council



What We are Undertaking:

Massive systemic change with no structural authority to make it happen!



The Demographics of Change

Pop Quiz: Population Changes

The Central Texas English Language Learner (ELL) student population is growing at about _____ the rate of the overall student population in Texas.

A: the same

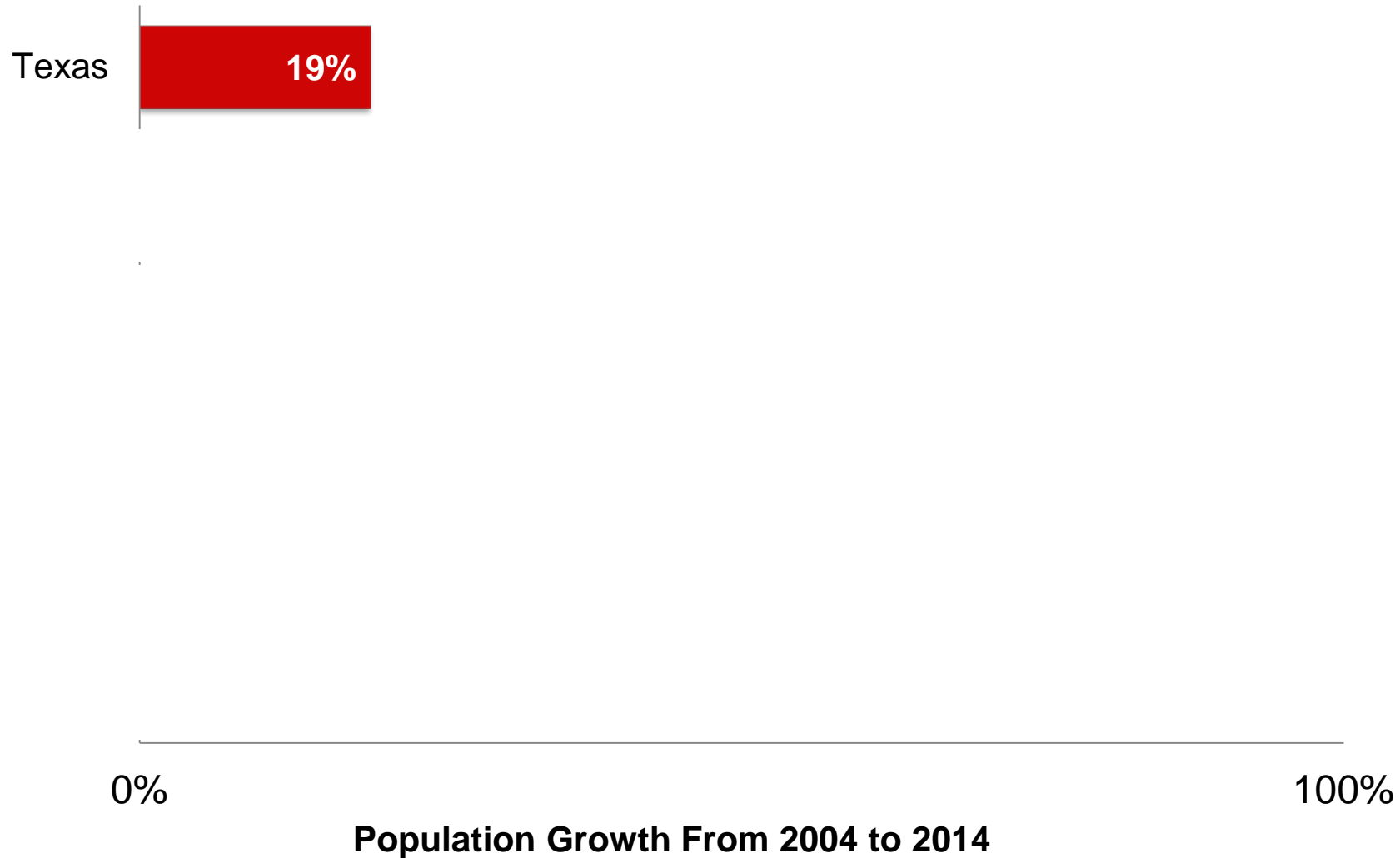
B: twice

C: 5 times

D: a gazillion times



Dramatic Increases in Student Population from 2004 to 2014



Texas has **739,639**
English Language Learner students.

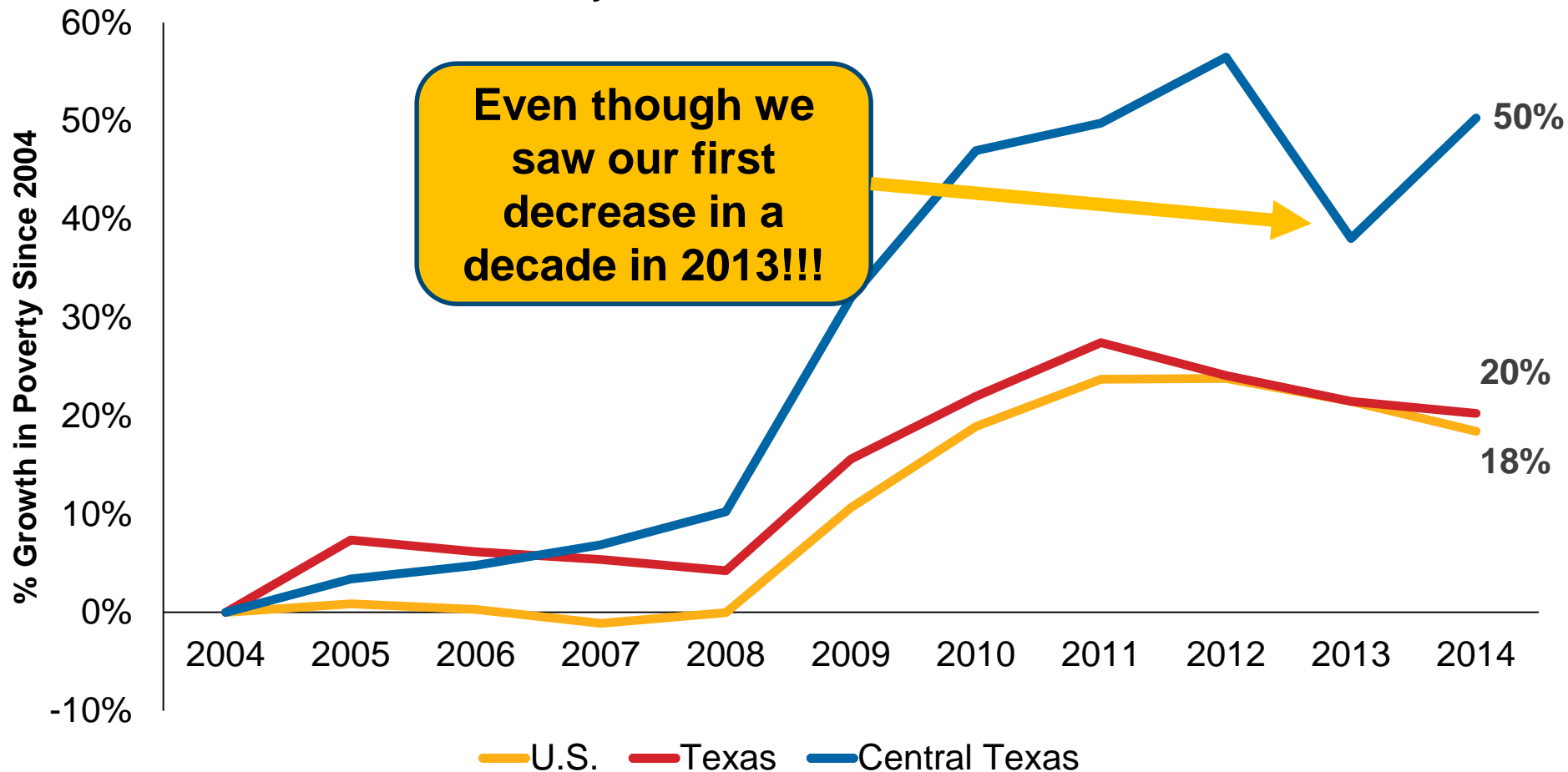


That's more students than **27 states**
each have in total student population!



Children Living in Poverty Growing at Faster Rates in Central Texas

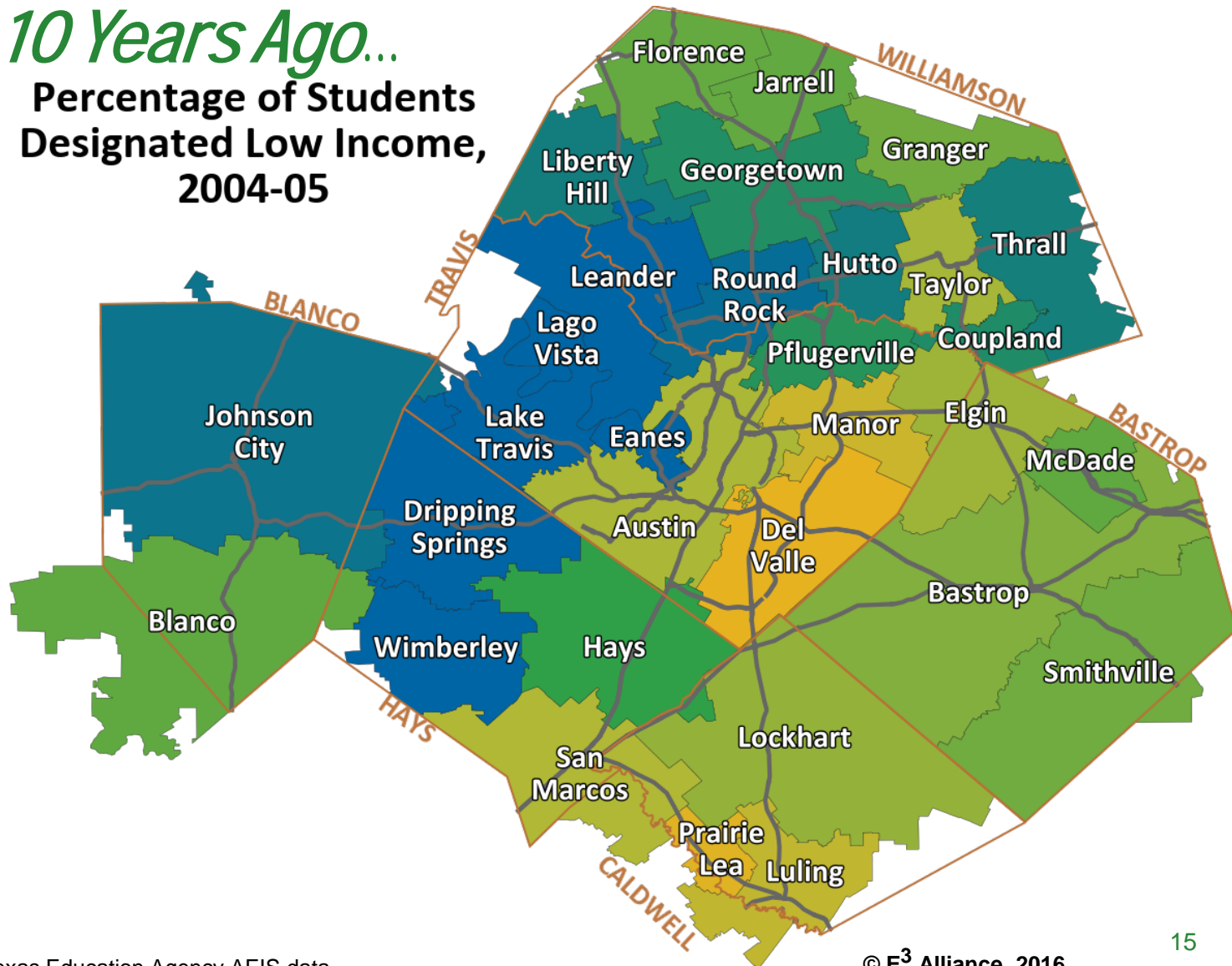
Poverty Growth Rate for Children 0-17



Central Texas Income Distribution by School District

10 Years Ago...
Percentage of Students Designated Low Income, 2004-05

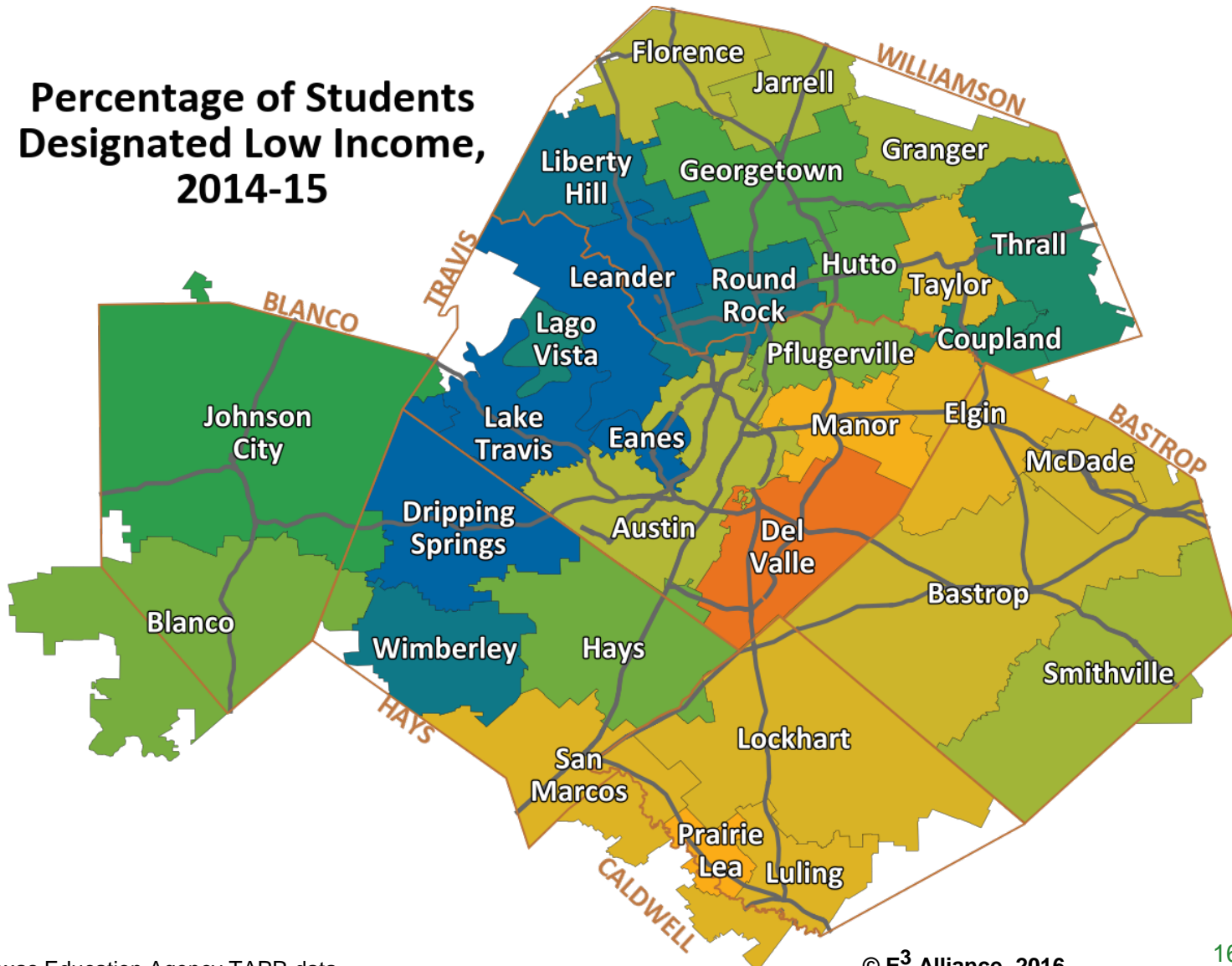
3%	Eanes
10%	Dripping Springs
12%	Lake Travis
16%	Lago Vista
20%	Wimberley
20%	Leander
23%	Round Rock
25%	Johnson City
28%	Hutto
28%	Liberty Hill
29%	Thrall
33%	Coupland
34%	Georgetown
36%	Pflugerville
40%	Hays
47%	McDade
48%	Blanco
48%	Jarrell
48%	Florence
50%	Smithville
50%	Granger
52%	Bastrop
55%	Lockhart
57%	Elgin
58%	Taylor
59%	Austin
60%	San Marcos
64%	Luling
67%	Manor
72%	Prairie Lea
74%	Del Valle



...And District Income Distribution Last Year

3% Eanes
12% Dripping Springs
13% Lake Travis
20% Leander
25% Liberty Hill
26% Wimberley
27% Round Rock
30% Lago Vista
33% Thrall
34% Coupland
39% Johnson City
44% Georgetown
46% Hutto
50% Hays
51% Blanco
52% Pflugerville
57% Smithville
58% Jarrell
59% Granger
60% Austin
61% Florence
67% Bastrop
69% McDade
70% Taylor
70% Lockhart
71% San Marcos
72% Luling
73% Elgin
78% Manor
80% Prairie Lea
89% Del Valle

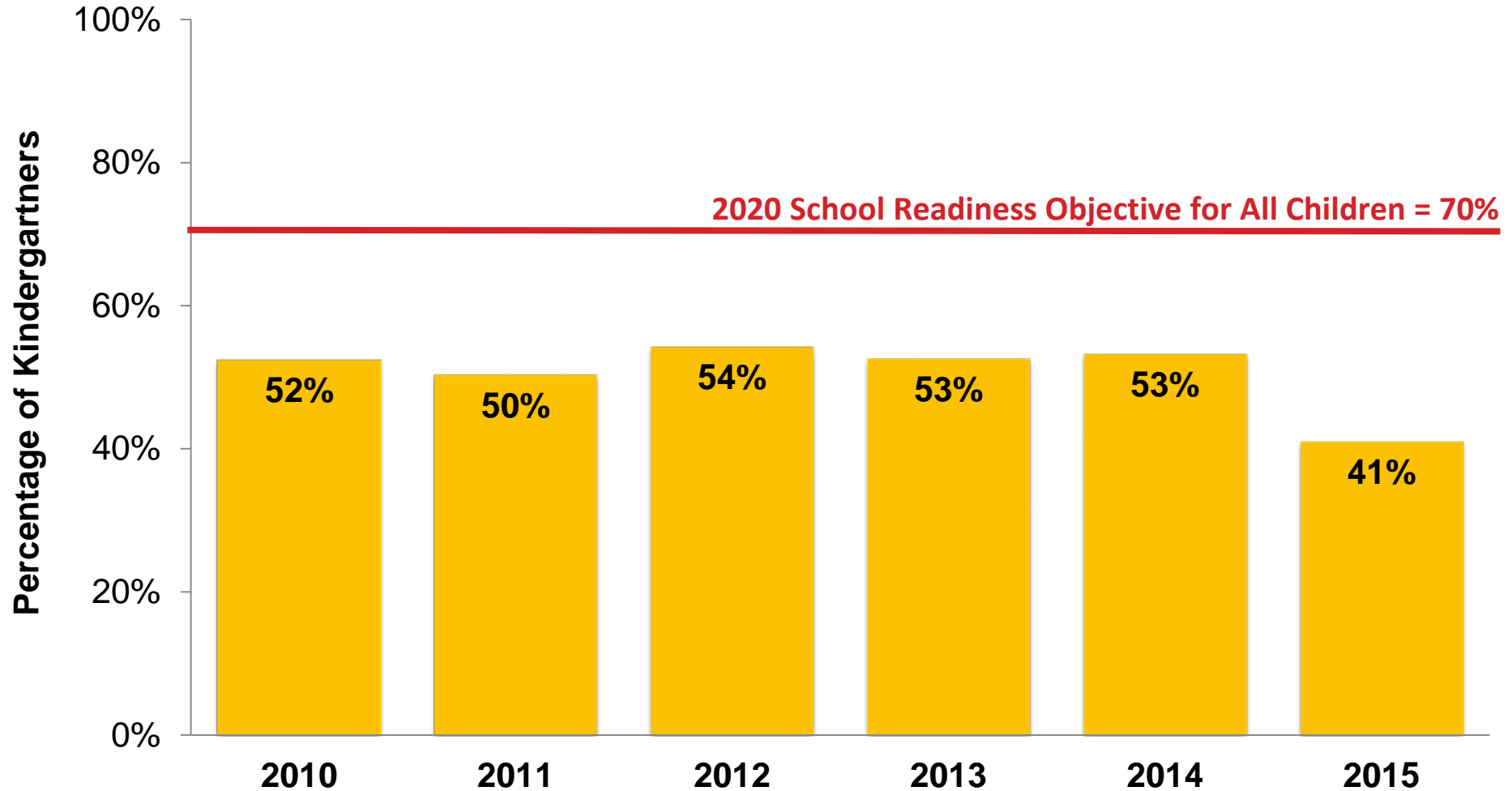
Percentage of Students Designated Low Income, 2014-15



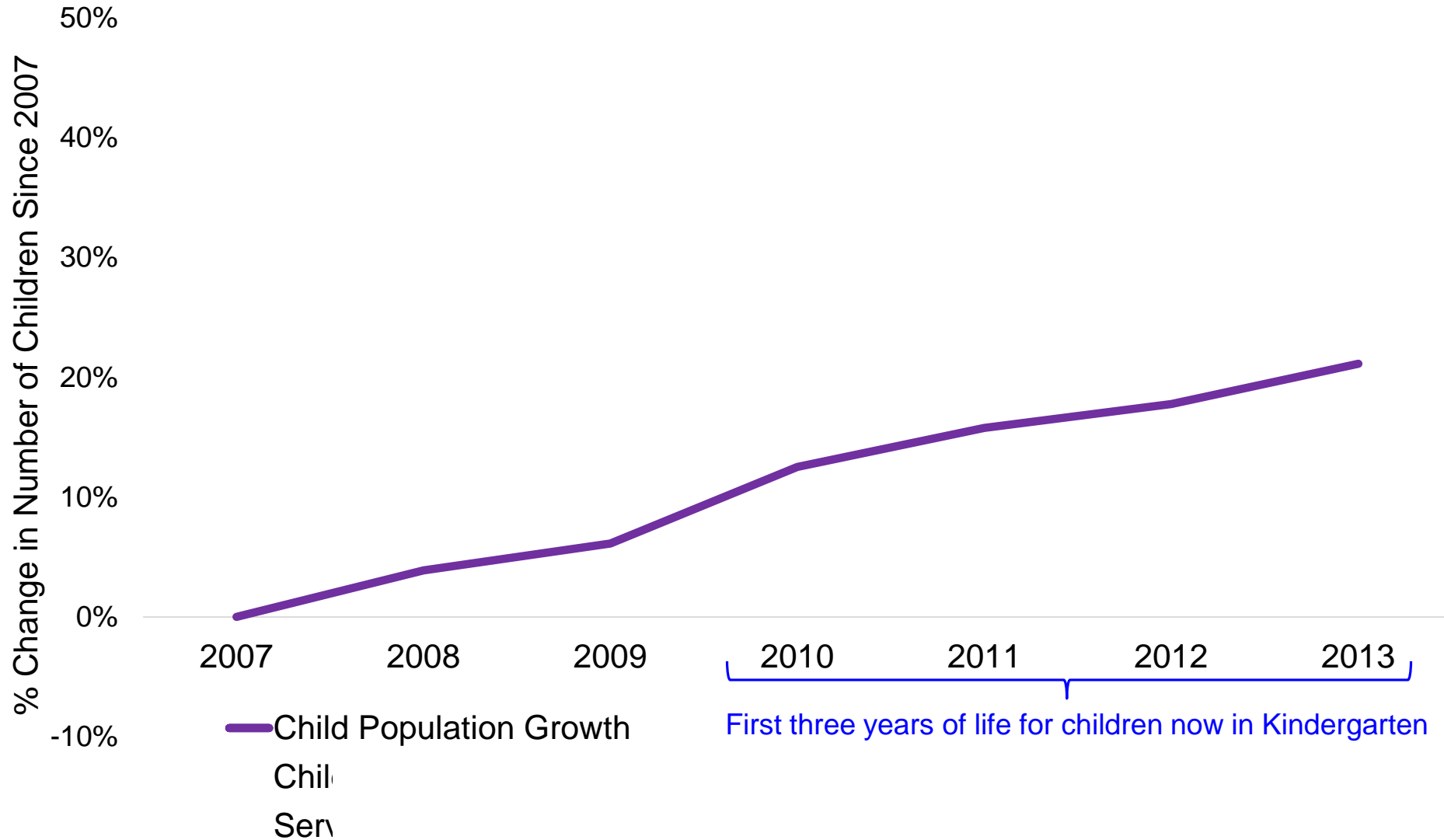
Education Trends and Outcomes

Kindergarten Readiness Rate Dropped in 2015

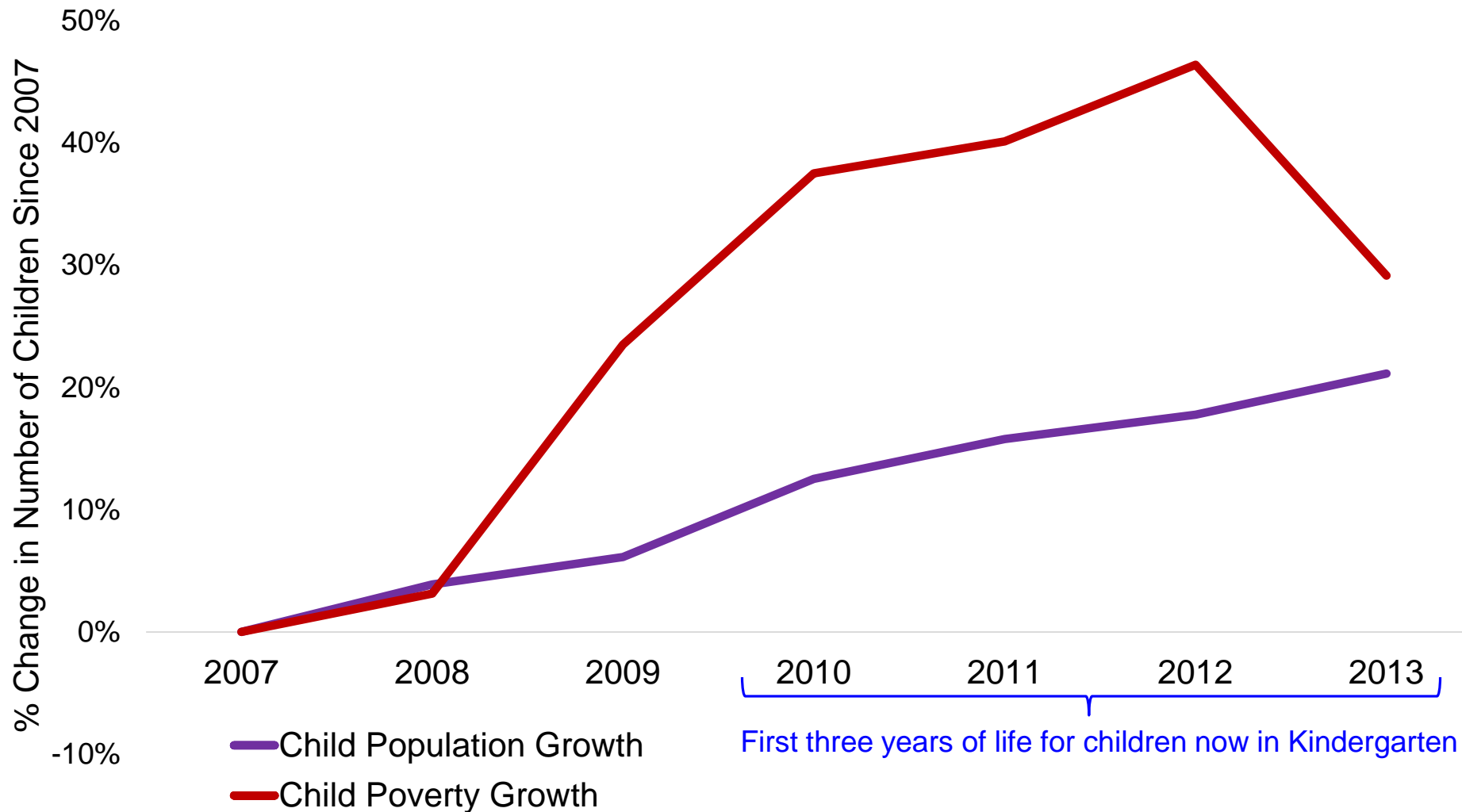
Kindergarten Readiness, Central Texas



Services Have Not Kept Pace With Poverty Growth

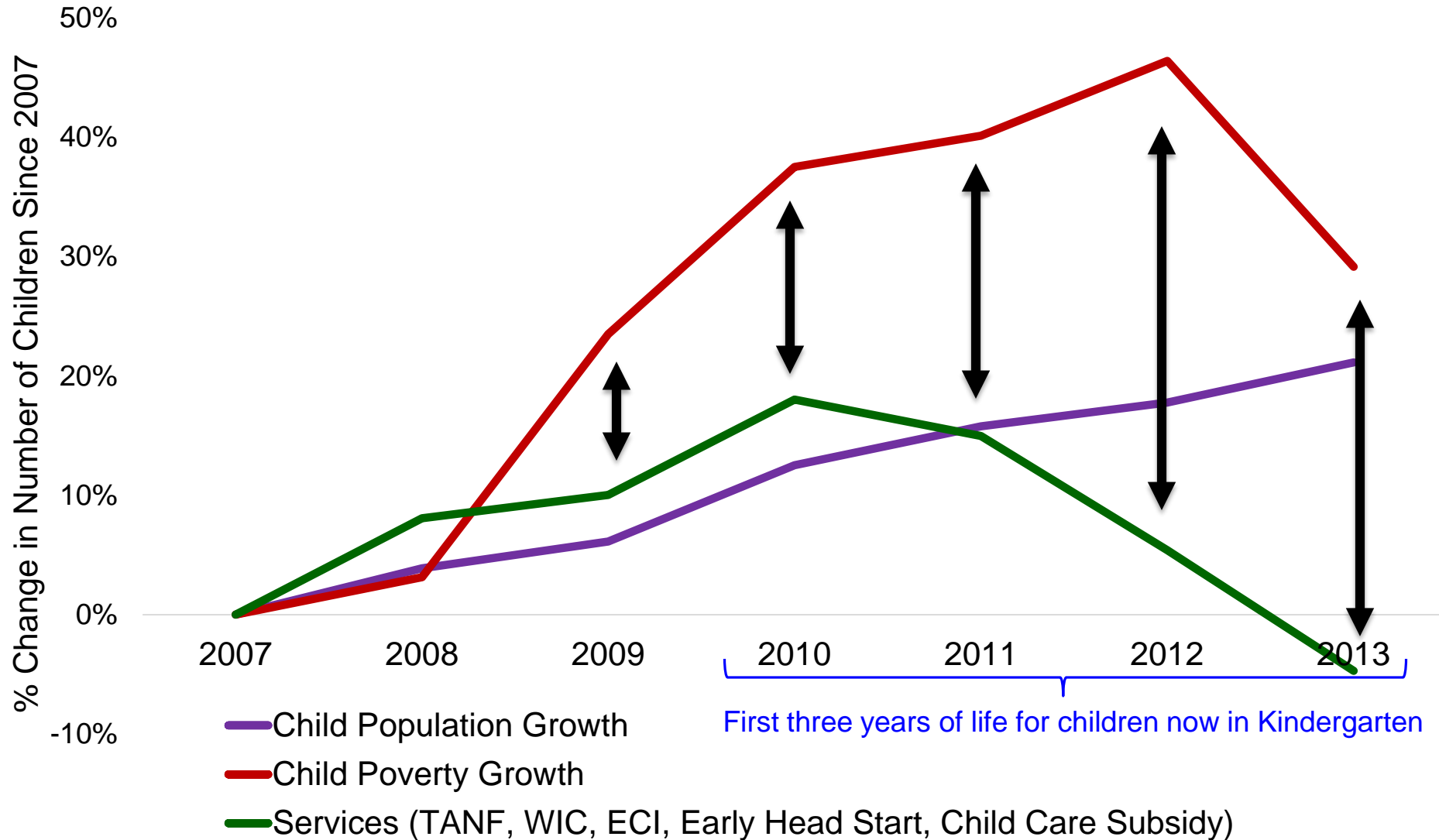


Services Have Not Kept Pace With Poverty Growth



Source: Kids Count Data Center Child Population 0-17 and Child Poverty Population for Bastrop, Blanco, Caldwell, Hays, Travis and Williamson Counties

Services Have Not Kept Pace With Poverty Growth

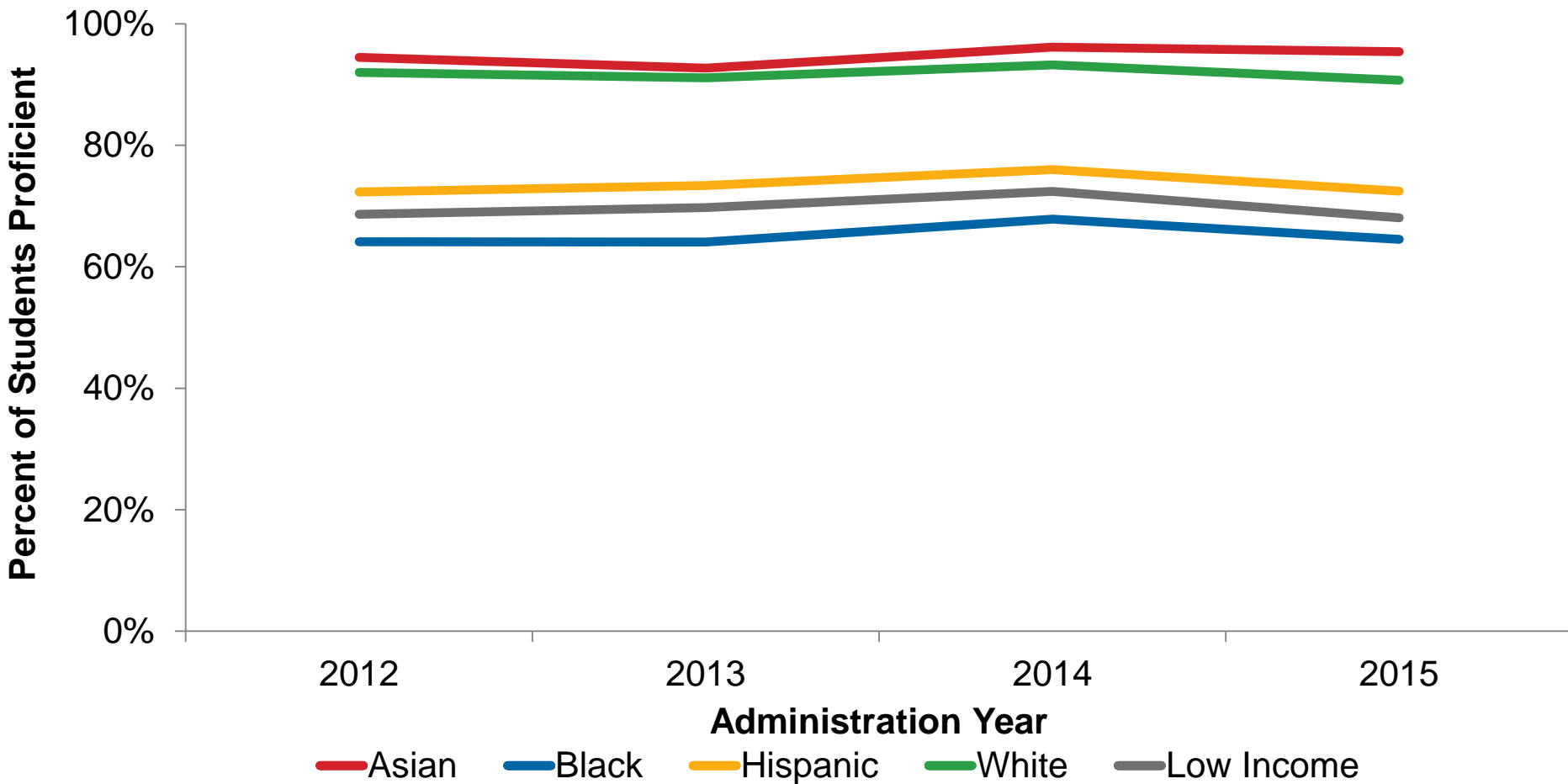




Grade 8 Math Passing Rate

Achievement Gaps Consistent Over Time

Grade 8 Math* STAAR Performance, Central Texas

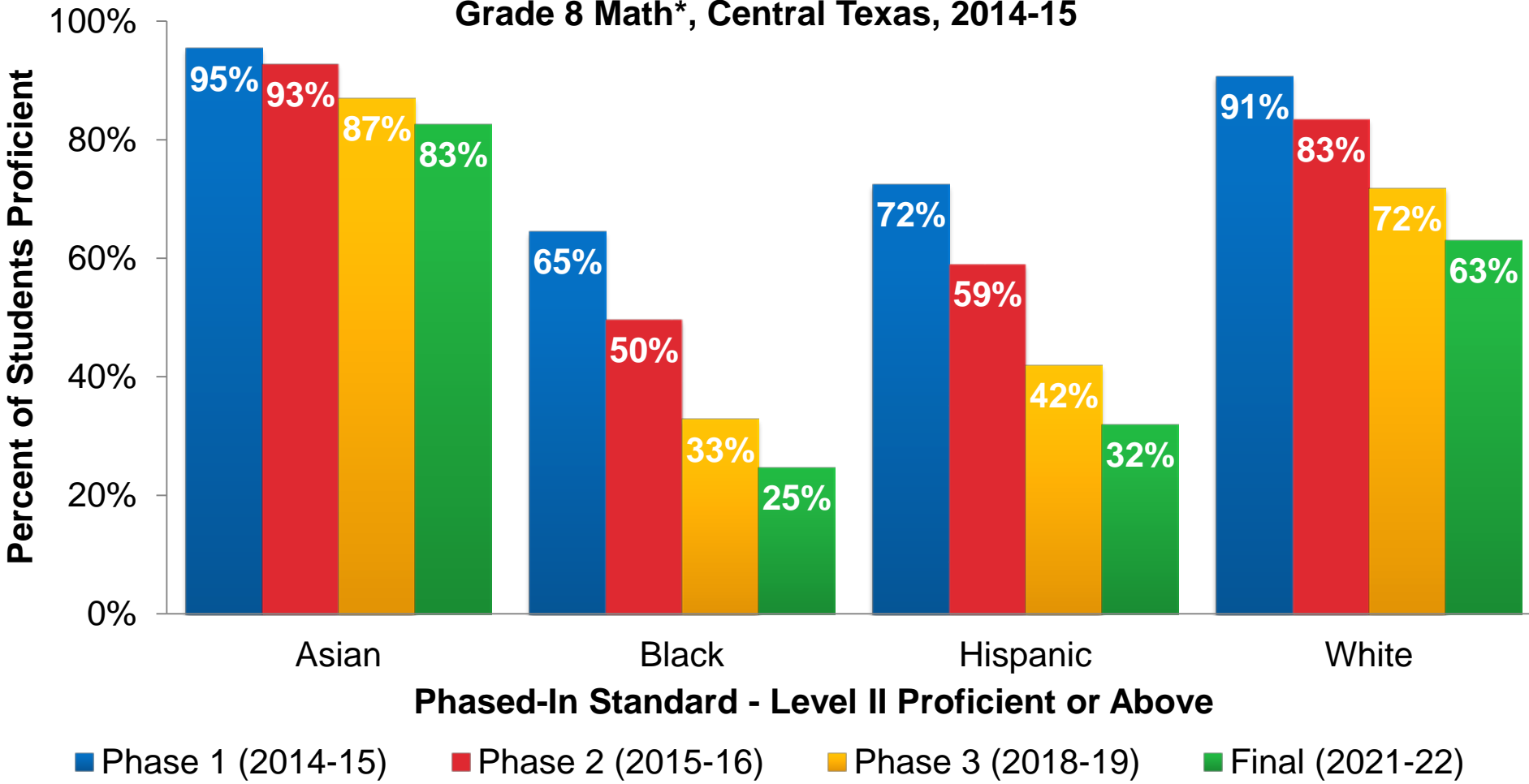


* Note: Does not include Algebra I examination results.
Source: Texas Education Agency: STAAR Results



As Standards Increase, Performance Levels Erode Substantially for Black and Hispanic Students

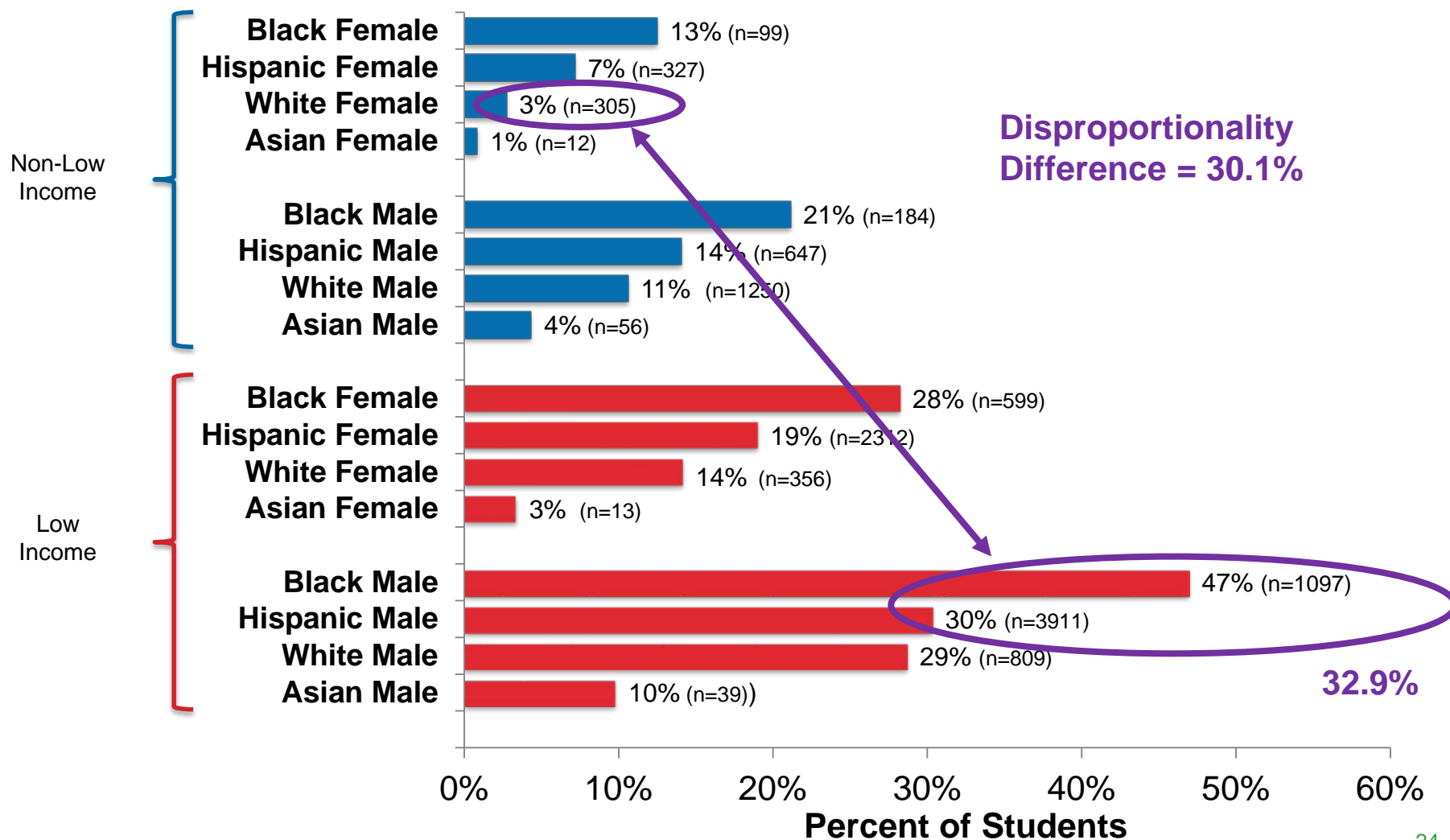
STAAR Performance by the Four Standards Phases, Grade 8 Math*, Central Texas, 2014-15



* Note: Does not include Algebra I examination results.
Source: Texas Education Agency: STAAR Results

Disciplinary Referral Rates

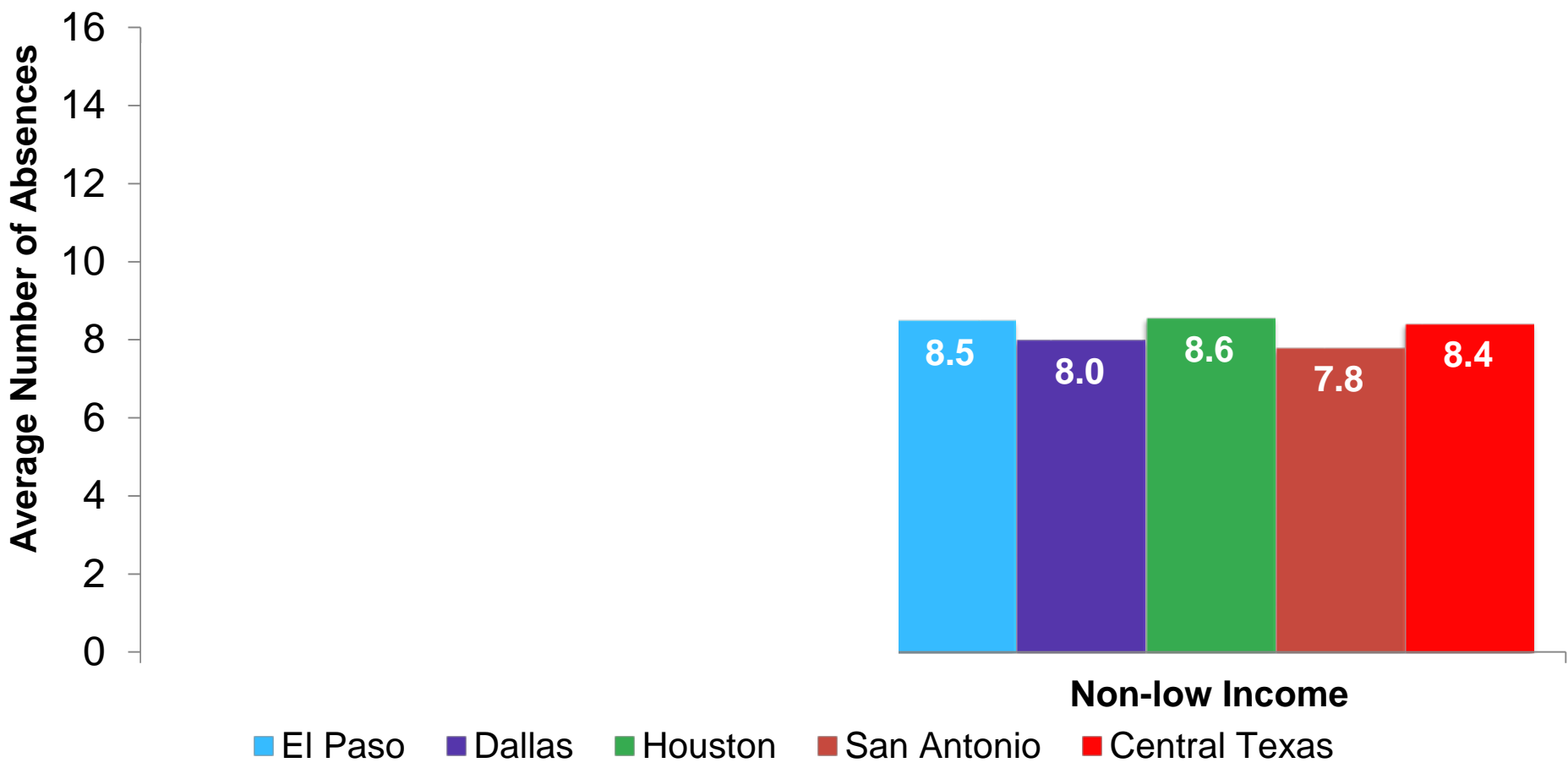
Grades 6-8, 2013-2014





Central Texas Low Income Students Miss More School Than Students in All Other Urban Areas in Texas

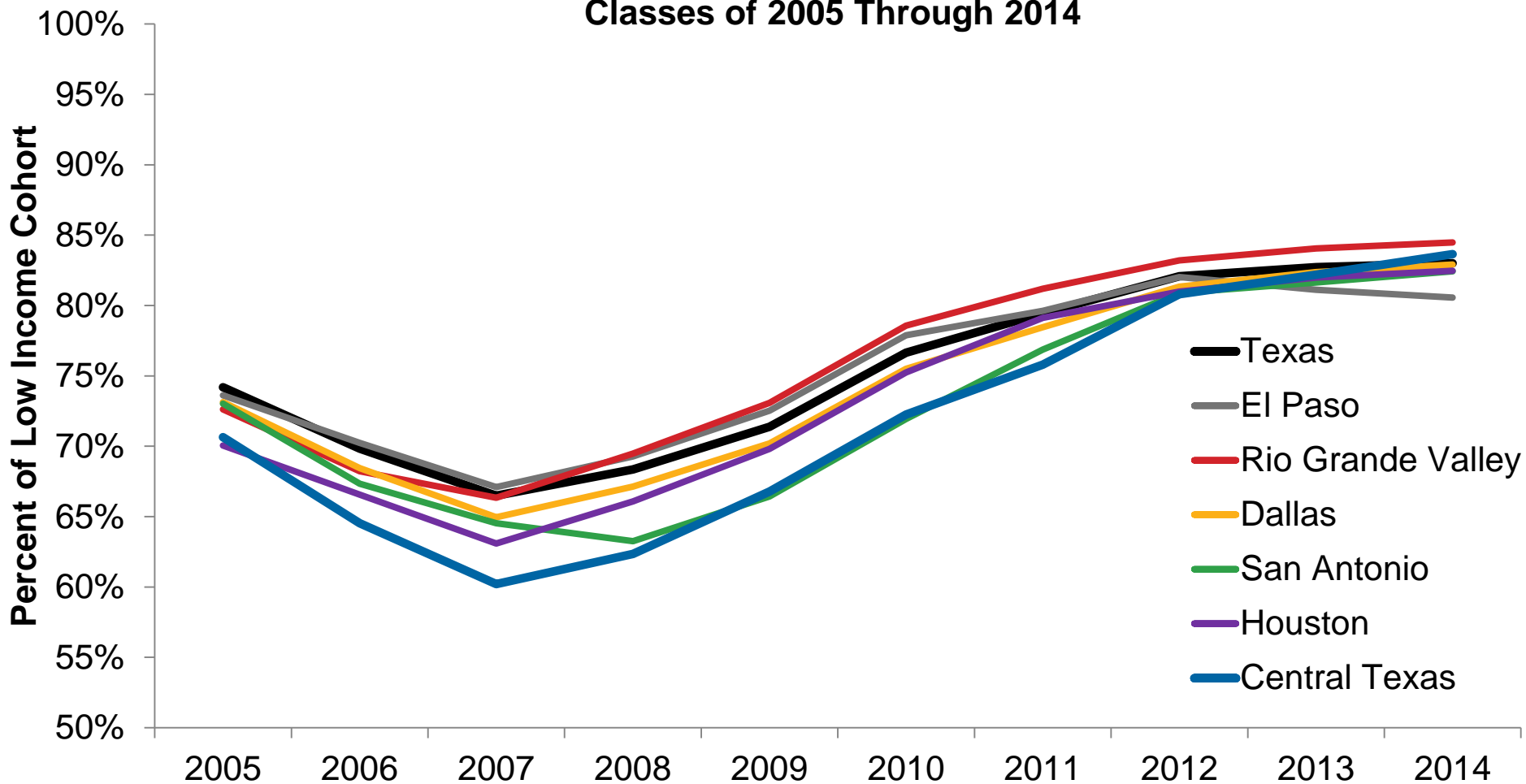
Average Number of Absences in High School by Economic Status for Urban MSAs Throughout Texas, 2012-13





Central Texas Low Income Graduation Rates Now Similar to Those of Other Urban Regions and Texas

**4-year High School Graduation Rates for Low Income Students
Classes of 2005 Through 2014**



Pop Quiz: Cost of Drop Outs

A *conservative* estimate of the cost in lost income to Central Texas of one class of drop outs is:

A: Cost of the shuttered Eagle High School Stadium in Dallas

B: The annual cost of deer crashes in Pennsylvania

C: Lady Gaga's 2010 income

D: Annual budget of the UT Athletics Department

A conservative estimate of the cost in lost income to Central Texas of one class of drop outs is: **Answer B. is correct**

\$385 million

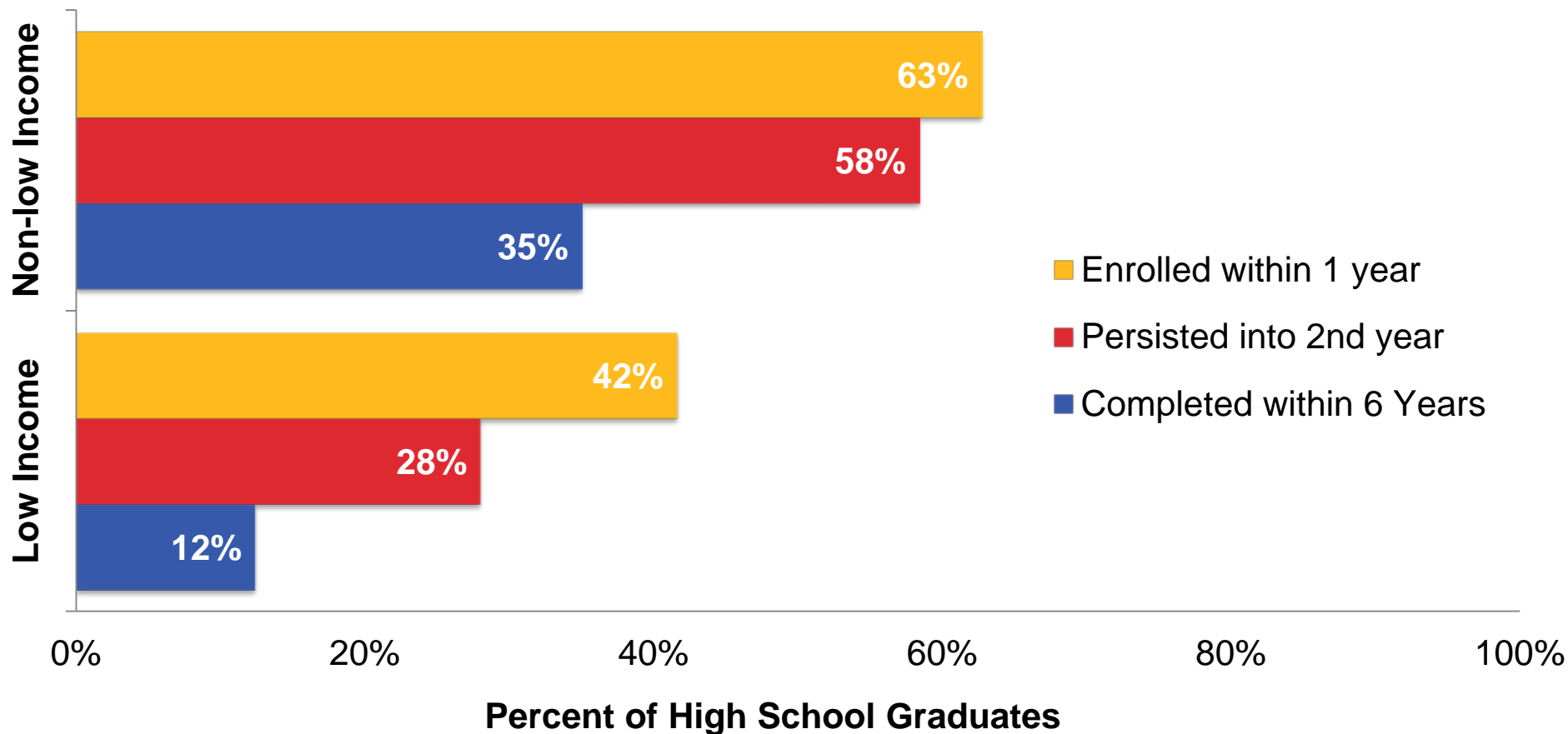
Deer crashes in Pennsylvania cost almost \$400M each year.

*Lady Gaga would have to slave for 7 more years.
or we could buy 4 UT Athletics Departments.*



One in Ten Low Income Graduates Complete College Within 6 Years of Finishing High School

High School Graduates at 2-or 4-Year Higher Education Institutions, Central Texas Class of 2009



Note: Excludes HS grads that did not enroll within one year of graduating from high school.
 Note: Completion defined as receiving a certificate, associate's degree, or bachelor's degree
 Source: E³ Alliance analysis of data at the UT Austin Education Research Center

So What are we Doing About it?

E³ Alliance Cradle-to-Career Continuum

Goal One:

All children enter Kindergarten school ready



Goal Two:

Eliminate achievement gaps while improving overall student performance

Goal Three:

All students graduate college & career ready & prepared for a lifetime of learning



Central Texas' strategic plan to build the strongest educational pipeline in the country

Goal Four:

As a community, Central Texas prepares children to succeed

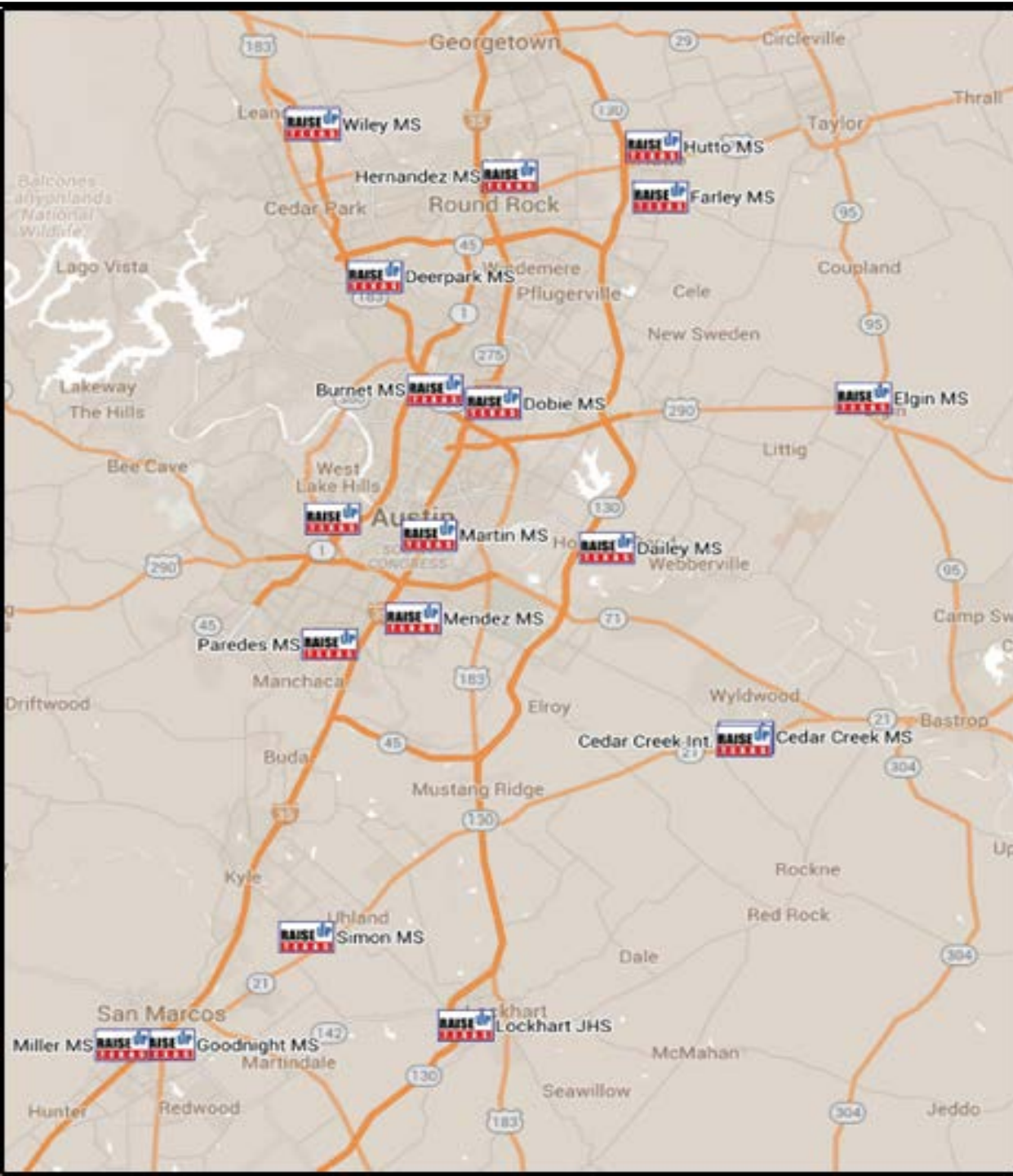
Examples of Systems Change in Action

- ✓ >634% Growth in STEM Pipeline
- ✓ 1st standard for Kindergarten Readiness in Texas, in use by 15 districts
- ✓ 1st regional college persistence plan in Texas
- ✓ Replicable practices to improve outcomes for ELLs
- ✓ Transforming middle schools— amazing growth for ALL learners in 19 middle schools across Central Texas

RAISE UP TEXAS

Transforming Middle School teaching and learning

- Build deep conceptual learning and critical thinking skills for all students
 - “Learn how to learn”*
- All classrooms, all subjects, all teachers
- With integrated, individualized interventions and supports for all struggling students



RAISE UP

TEXAS

Demonstration +
Expansion

Spring 2015 → in progress

19 Schools

BROTHER'S KEEPER

- National initiative launched in 2014 by President Obama to *address persistent opportunity gaps faced by boys and young men of color and ensure that all young people can reach their full potential.*
- ~200 Communities around the country have accepted the Challenge



My BROTHER'S KEEPER

G R E A T E R A U S T I N A R E A



- Vision:

Become a national model for boosting academic achievement, enhancing health and well-being and elevating the lifetime prosperity for young boys and men of color.

- Committee Structure:

1. Ensure all children enter school ready & read at grade level by 3rd grade
2. Ensure middle school students have advanced opportunities by 8th grade
3. Ensure all youth graduate high school college & career ready
4. Ensure all youth complete post-secondary and are employed
5. Ensure males of color have equitable access to healthcare
6. Ensure violence to and by males of color is prevented and increase second chances



*How many changing practices were there
addressing attendance across Central Texas
Missing School Matters?*



**Missing School
Matters**



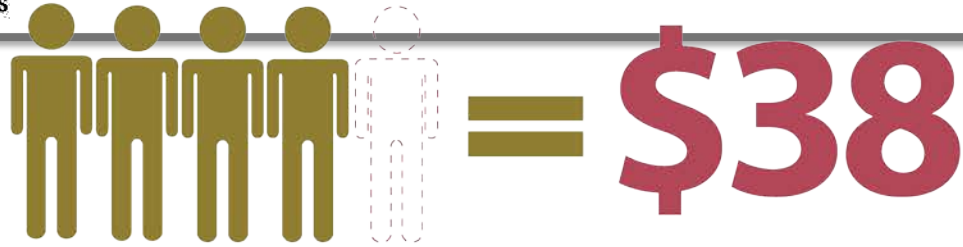
2.4 Million

Student Absences in Central Texas per Year



E3 ALLIANCE
EDUCATION EQUALS ECONOMICS

Every school day a student misses costs their district:

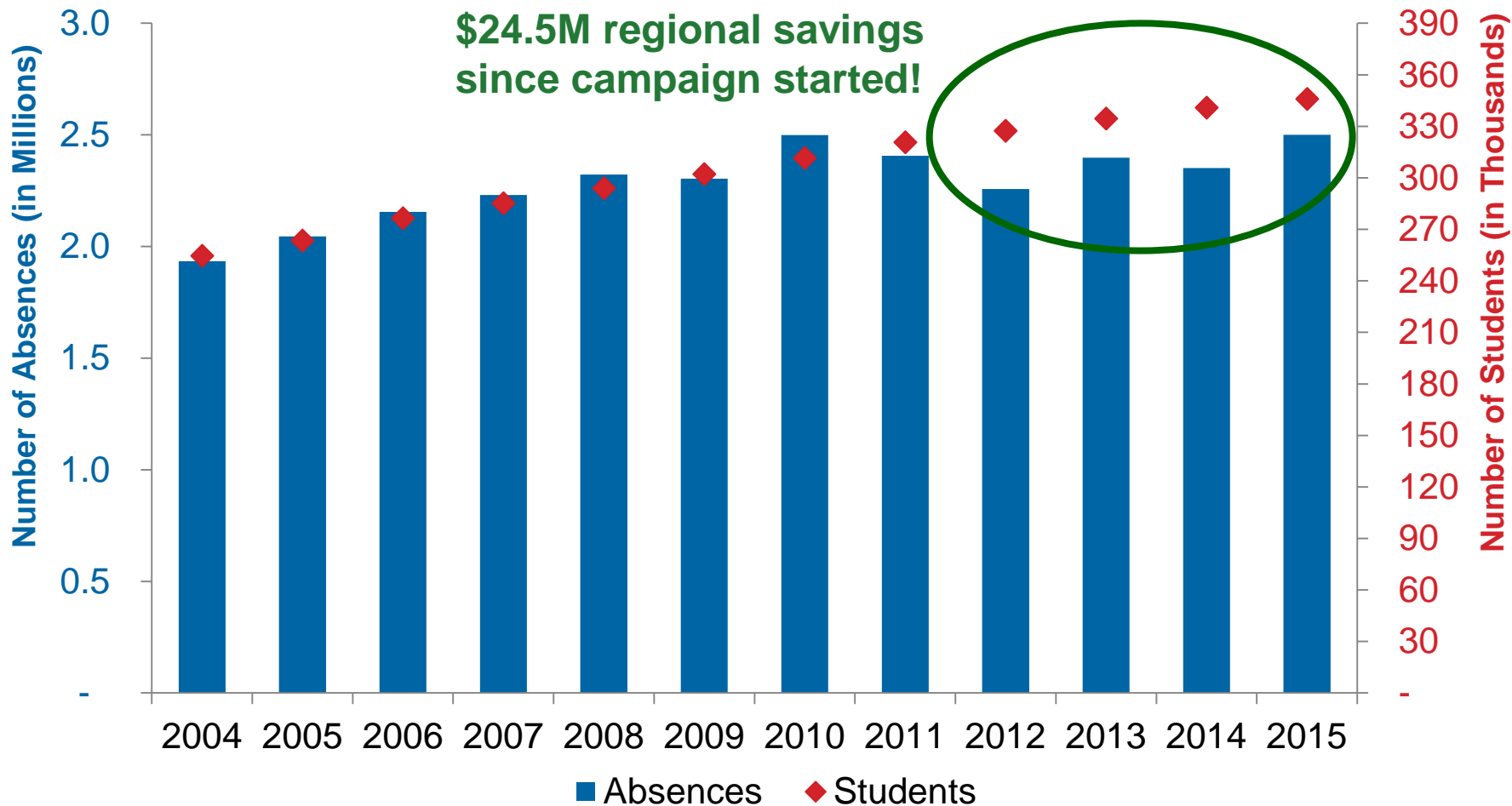




Missing School is Working!

Matters

Student and Absence Counts, Central Texas



So What CAN YOU DO About It?



You Can...

- ✓ **VOTE!!!**
- ✓ Get the School Readiness Parent Guide in the hands of every family with young children
- ✓ Advocate for early childhood supports!
- ✓ Mentor, tutor, or coach at a high-needs middle school
- ✓ Bring business role models to schools – CTE Council, Internships, Job Shadow

You Can...

- ✓ Joint the Greater Austin My Brother's Keepers Teams
 - ✓ www.gaambk.org/
- ✓ Support College Signing Day April 28th
 - **Event planners needed!**
- ✓ Join the *Missing School Matters* Campaign; get the word out!
 - ✓ www.MissingSchoolMatters.org

*And Spread the Blueprint
Message!*

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www.E3Alliance.org