



Texas Commission on Public School Finance

Early Childhood Outcomes & Funding in Dallas ISD

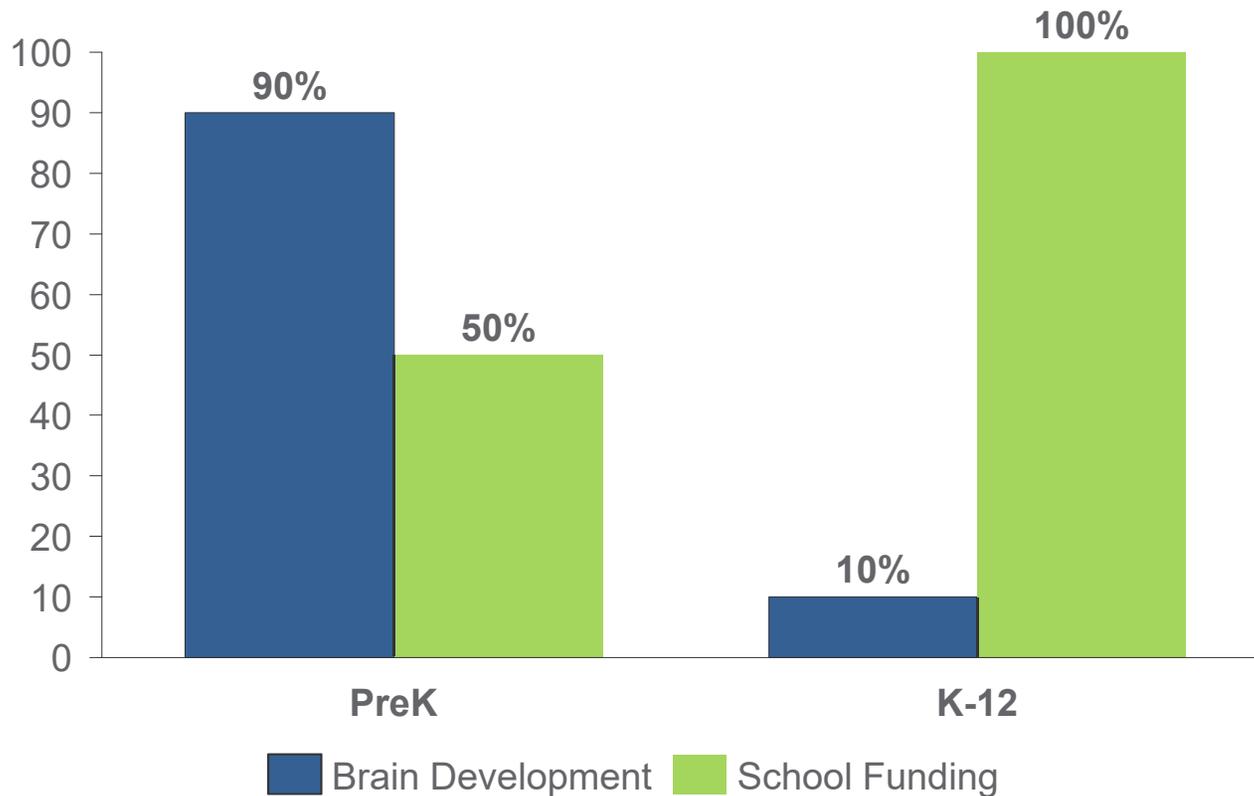
February 22, 2018

90% of the brain develops by age five, yet Texas only provides half as much funding to PreK as to K-12



Misaligned Resources

Percentage (%)



9X

the brain development

1/2

the public school funding

Note: Funding percentages based on PreK students only receiving half-day ADA funds.
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A note on recent research

What the TN study said and what TN is doing about it

2015 TN PreK study showed some fadeout,
but consistent quality was lacking...

...in response, TN Governor & Legislature
doubled down on quality improvement

INPUT

- ✓ Though TN achieves a 9 out of 10 on NIEER...
- ✗ ... only 15% of classrooms scored “good” or better on ECERS¹ showing inconsistent quality across the state

ACTIONS TAKEN

Legislature passed quality improvement package that included:

- Improved PD for teachers – higher expectations and more relevant content
- Increased coordination between PreK and K-3 grades
- Emphasis on ongoing family engagement

OUTCOMES

- ✓ PreK students were more ready for Kindergarten than non-PreK peers
- ✗ No different between PreK and non-PreK students by end of Kinder²



Bipartisan reform that passed the TN House 96-1 and TN Senate 26-3

Notes: 1. Early Childhood Environmental Rating Scale 2. PreK students were shown to be doing worse than non-PreK students by 3rd grade.
source: Vanderbilt study on Tennessee's Voluntary PreK

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Executive Summary



Dallas ISD is implementing a long-term strategy for PreK and continually refining based on the data...

...and the strategy is working, with clearly improved outcomes for students who participated in PreK...

...yet the investment from the state continues to lag behind the clear benefits.

Topics

Dallas ISD Early Learning Strategy

Outcomes | Evidence of Impact

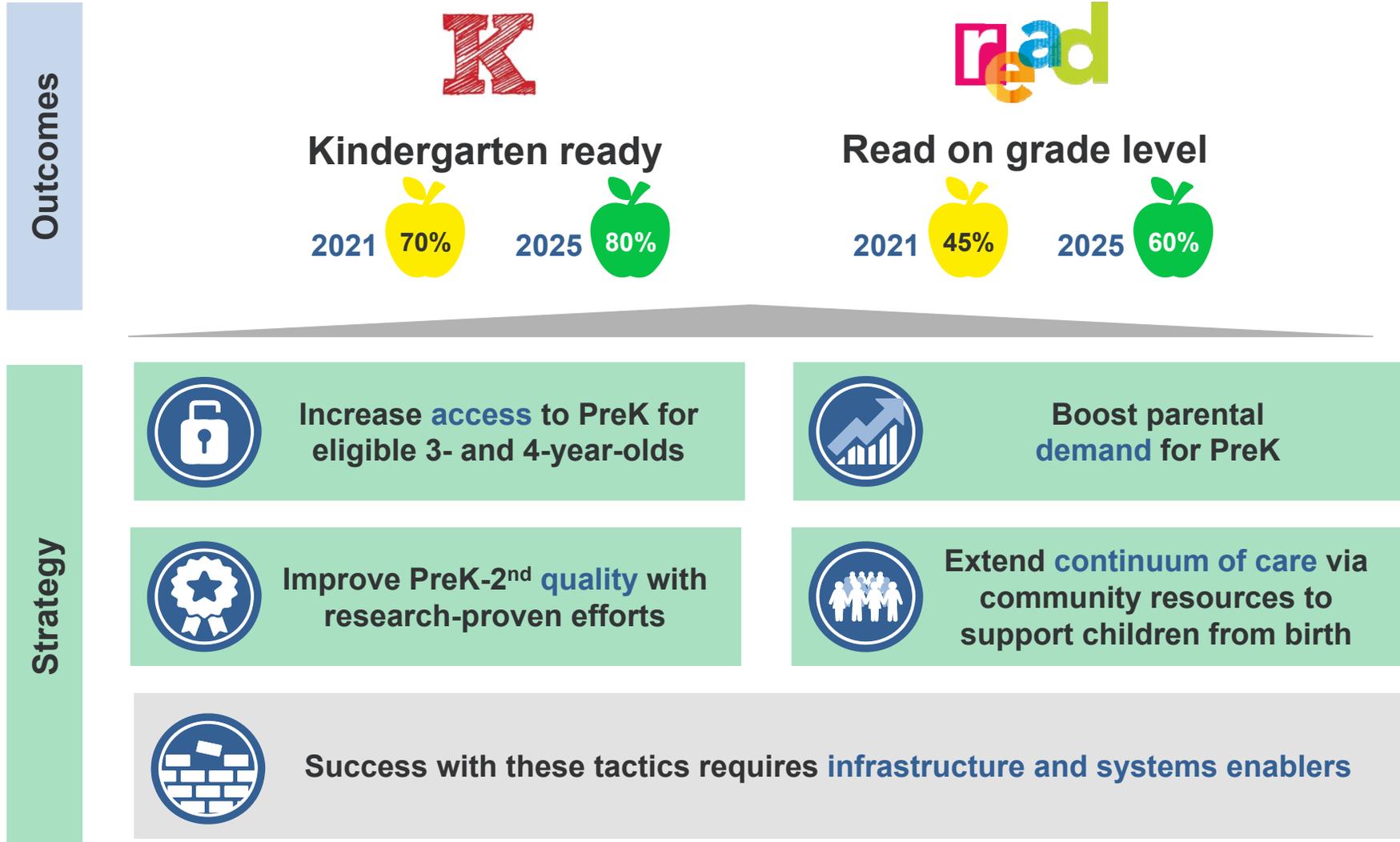
Additional Outcomes

Dallas ISD Investment

Rethinking the Investment

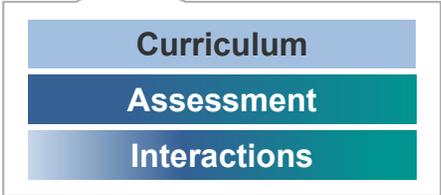
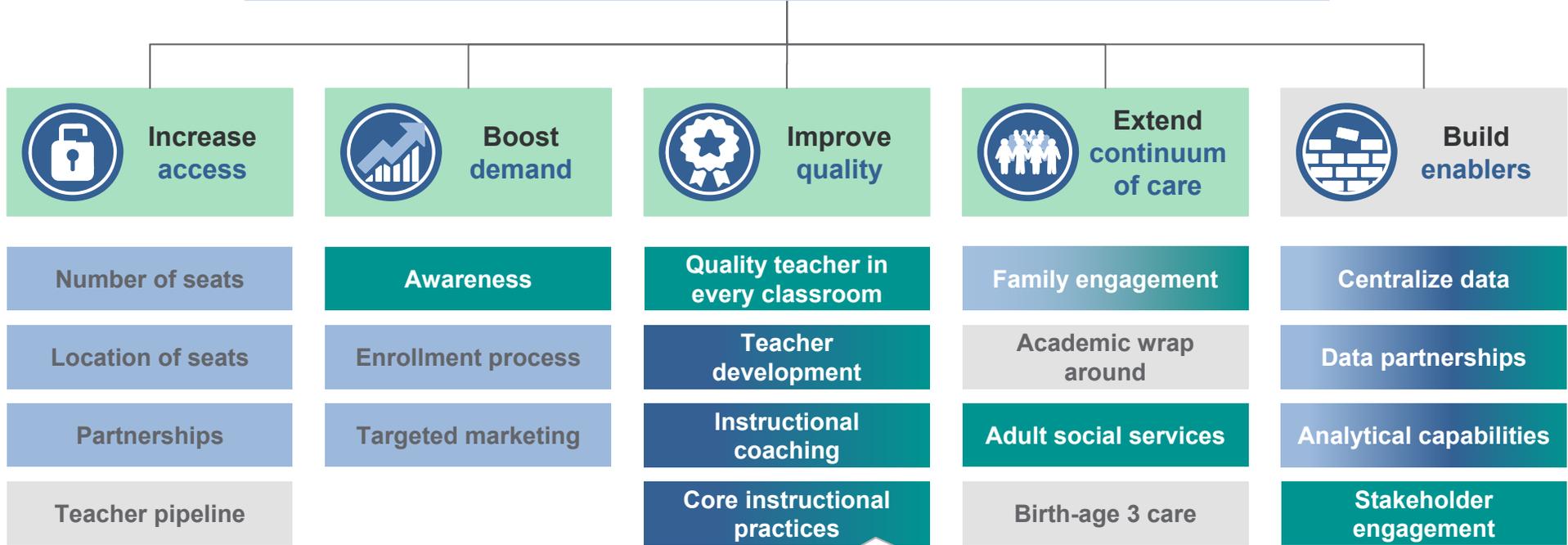


Early learning strategy...





...implemented with comprehensive, data-driven approach



- = focus of 2016
- = focus of 2017
- = focus of 2018

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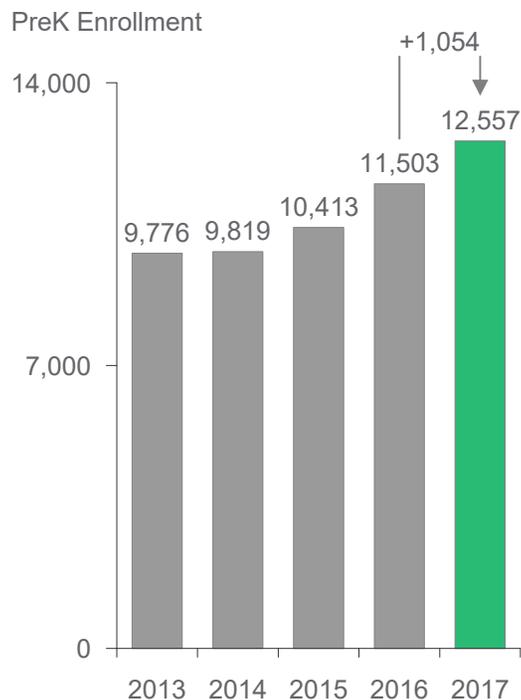
Dallas ISD Investment

Rethinking the Investment

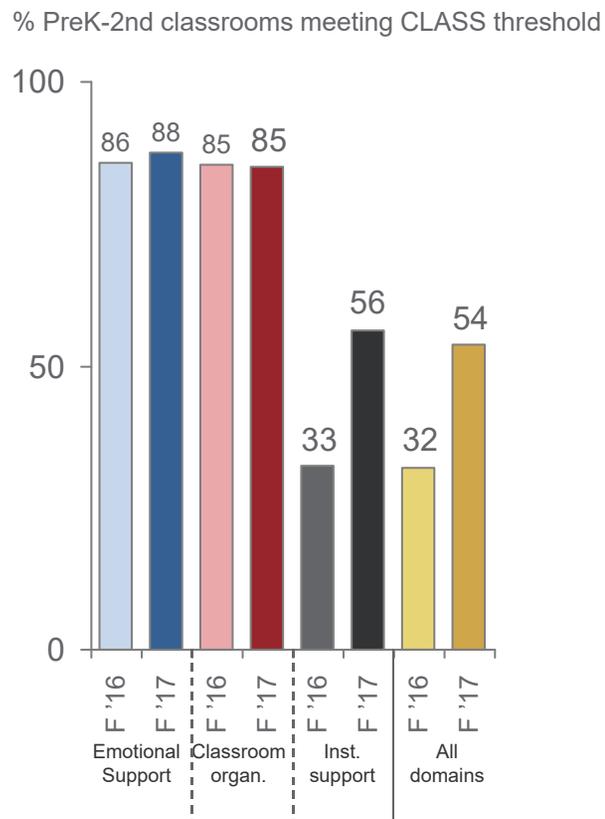


Clear progress on strategic initiatives has been made

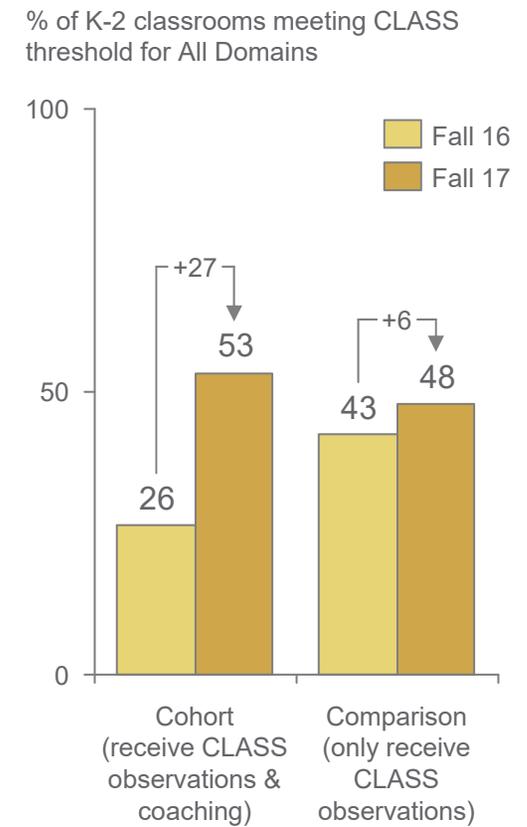
PreK enrollment | Added 1,000+ students this year



Quality | Significant increase in instructional support



Support | Coaches impacting the classroom



Source: Dallas ISD data

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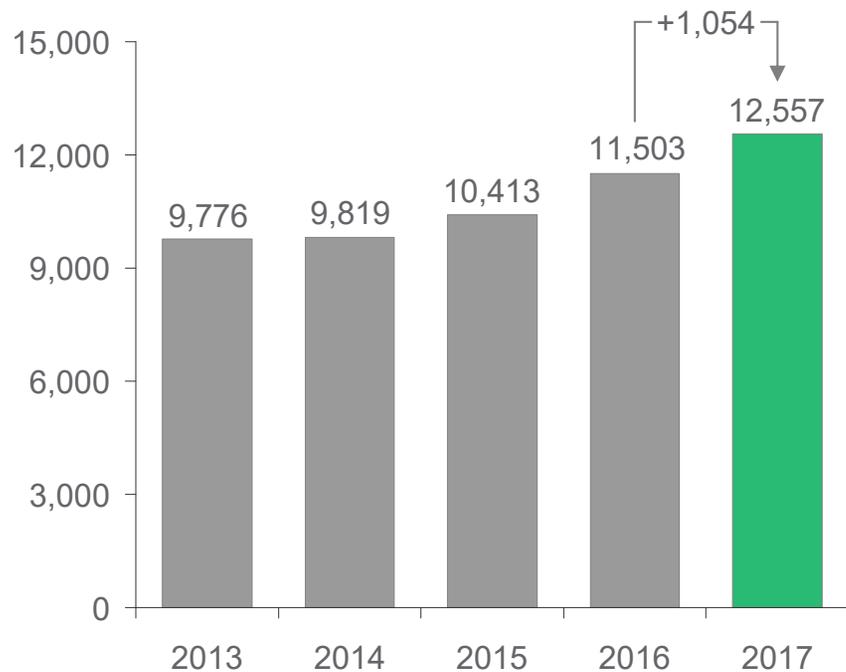
Dallas ISD PreK enrollment continues to grow

Focused on expanding partnerships and 3YO access



2,500+ PreK students added in 3 years...

PreK Enrollment



...with largest gains in 3YO and partnerships

Program	16-17 Actuals	17-18 Actuals
Special Education / PPCD	328	415
PreK3 3-Year-Olds	851	1,360
PreK4 4-Year-Olds	8,166	8,470
Head Start Collaborative	276	226
Choice / Magnet	153	155
Tuition	15	47
SRI/Partnerships	1,714	1,884
TOTAL	11,503	12,557

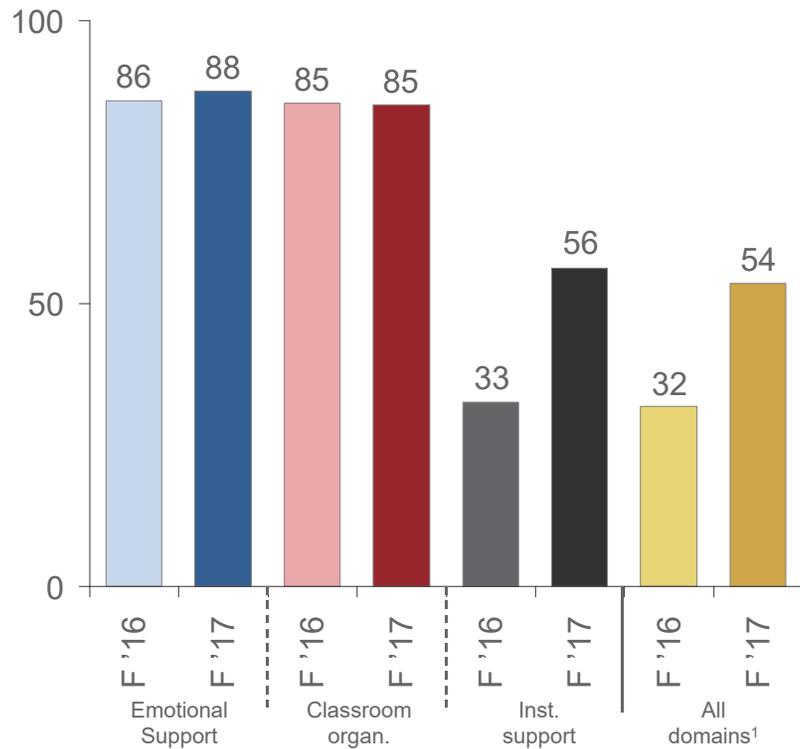
Source: January PEIMS 2014 - 2017; Chancery data 10/30/2017
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Classroom quality has increased significantly; Students in high-quality environments perform better



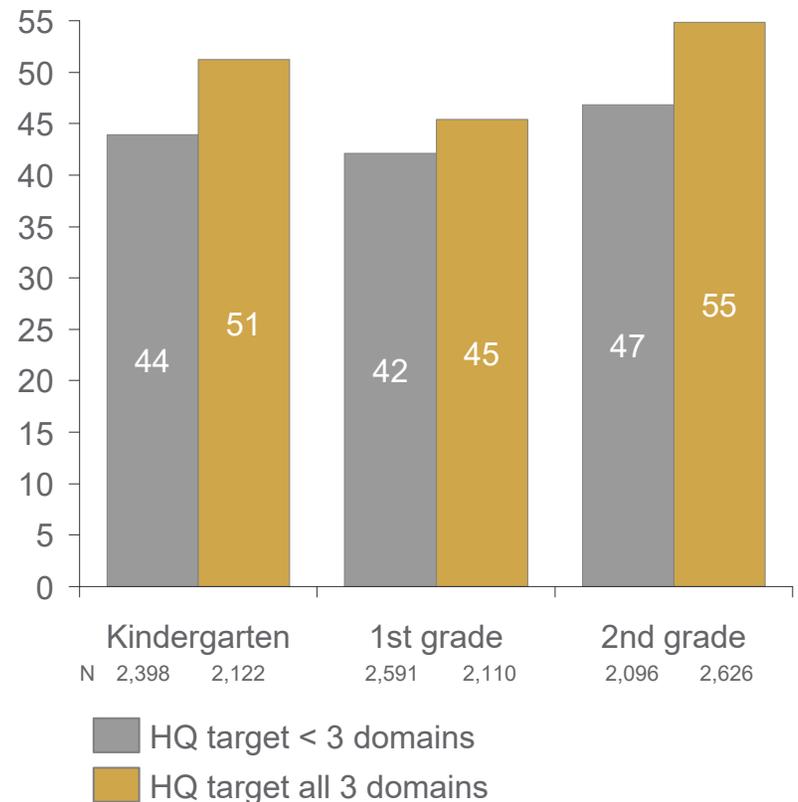
Huge Increases in classroom quality...

% PreK-2nd classrooms meeting CLASS threshold



...leading to gains in current year student outcomes

% of students on grade level²



1. "All Domains" measures classrooms that hit quality threshold for all 3 domains 2. 2017 ISIP BOY tier 1 by Fall 2017 CLASS scores; only includes classrooms that receive CLASS observations

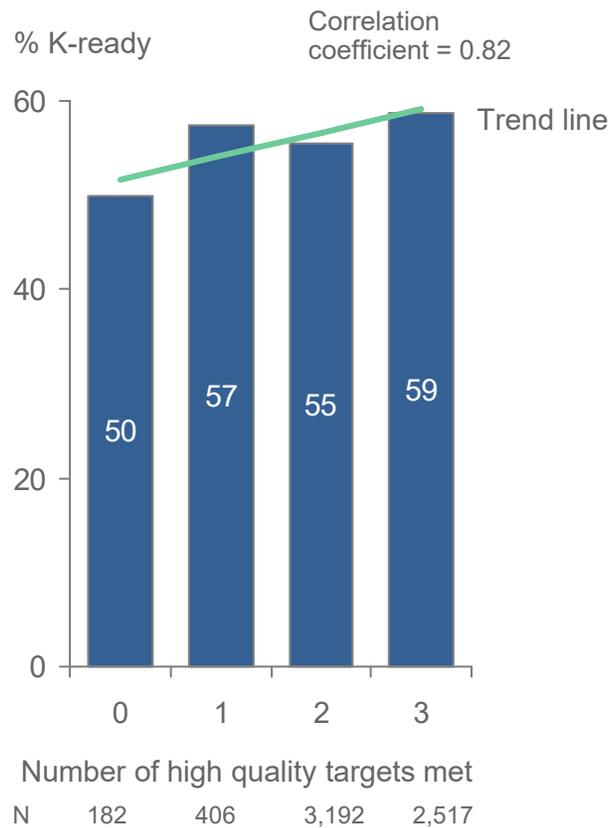
Source: SMU CORE, Dallas ISD E&A; BOY ISIP Oct. 2017; Chancery data 10/30/2017; Early Learning analysis

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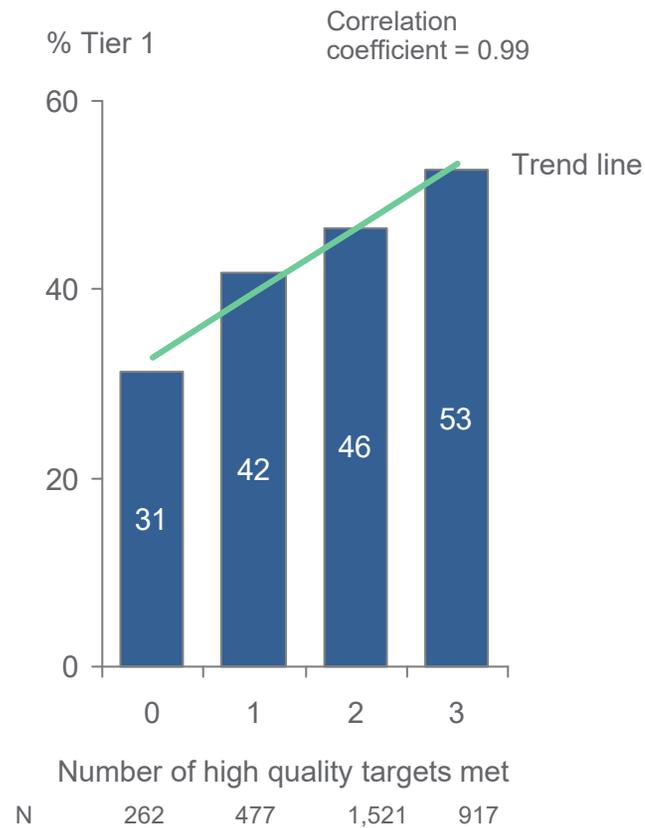
A positive correlation between previous year's quality of classroom (CLASS) and student outcomes (ISIP)



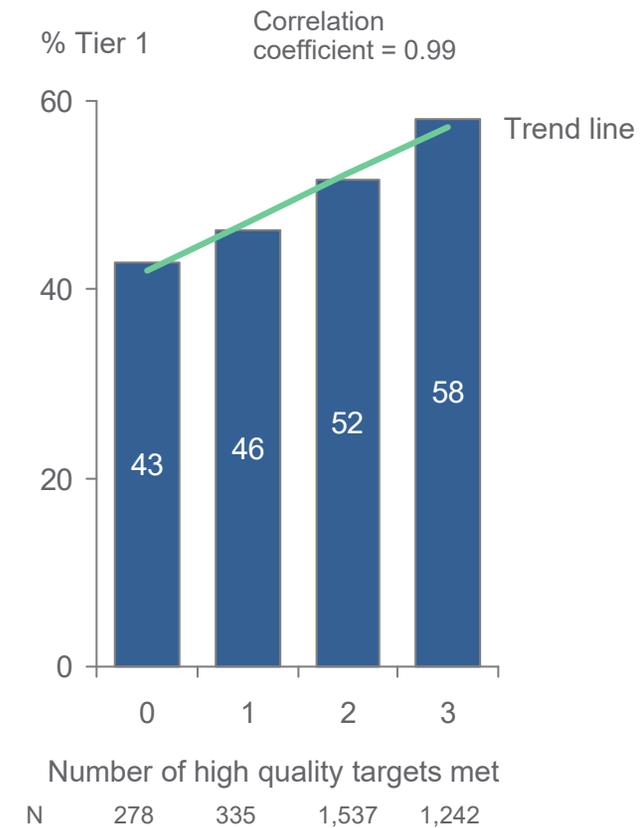
Kinder BOY ISIP
PreK CLASS



1st grade BOY ISIP
Kindergarten CLASS



2nd grade BOY ISIP
1st grade CLASS



Note: High quality target for emotional support = 5, high quality target for classroom organization = 5, high quality target for instructional support = 3.25
 Source: Results based on Spring 2017 CLASS observations of PreK, Kinder and 1st grade classrooms; ISIP results based on 2017 BOY ISIP window (Oct. 2017)
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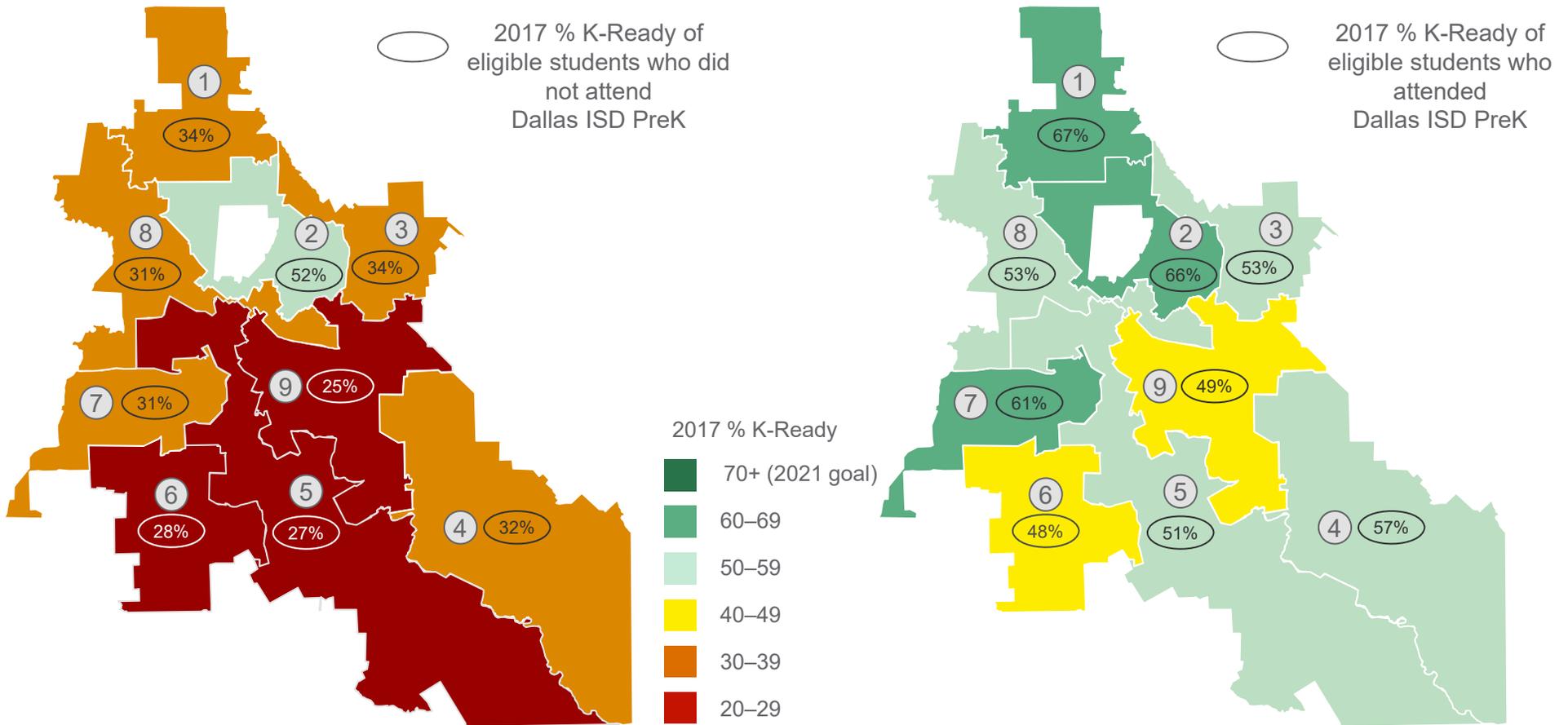
Continue to see clear evidence of the impact of PreK...

Students attending Dallas ISD PreK performed 25 pts higher than eligible students who did not



31% of students that did not attend Dallas ISD PreK were K-ready...

...compared to 56% of students that did attend Dallas ISD PreK being K-ready



Note: Students are qualified for PreK based on Econ or LEP. Includes students that attended PreK as a 4 year old. Tier 1 considered K-ready
 Source: ISIP BOY 2017 Oct. results, PEIMS data 2016-2017, EarlyChildhood student data (10/28/17), Early Learning analysis

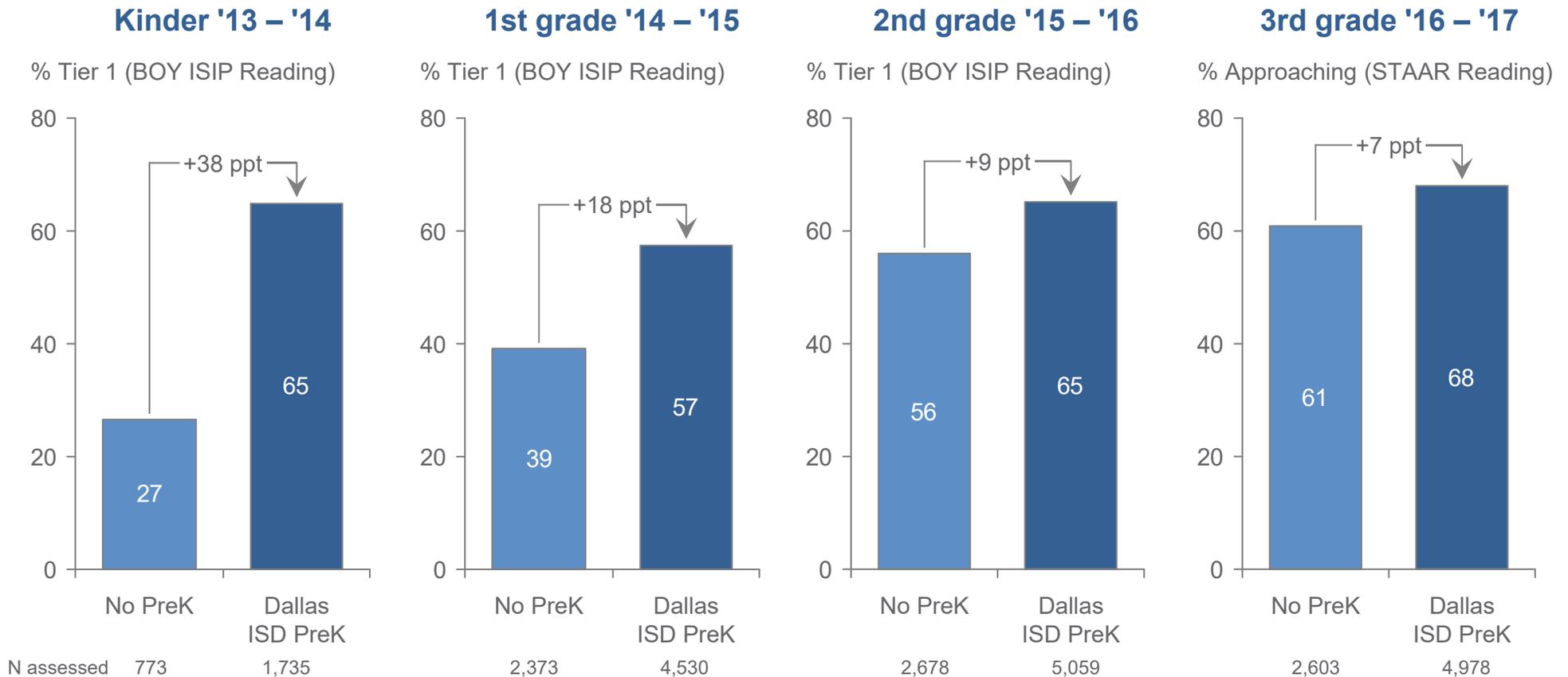
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...from increased K-Readiness to 3rd grade reading...

Students attending Dallas ISD PreK performed better at every grade level



Same cohort of students - performance through 3rd grade (2016 – 17)

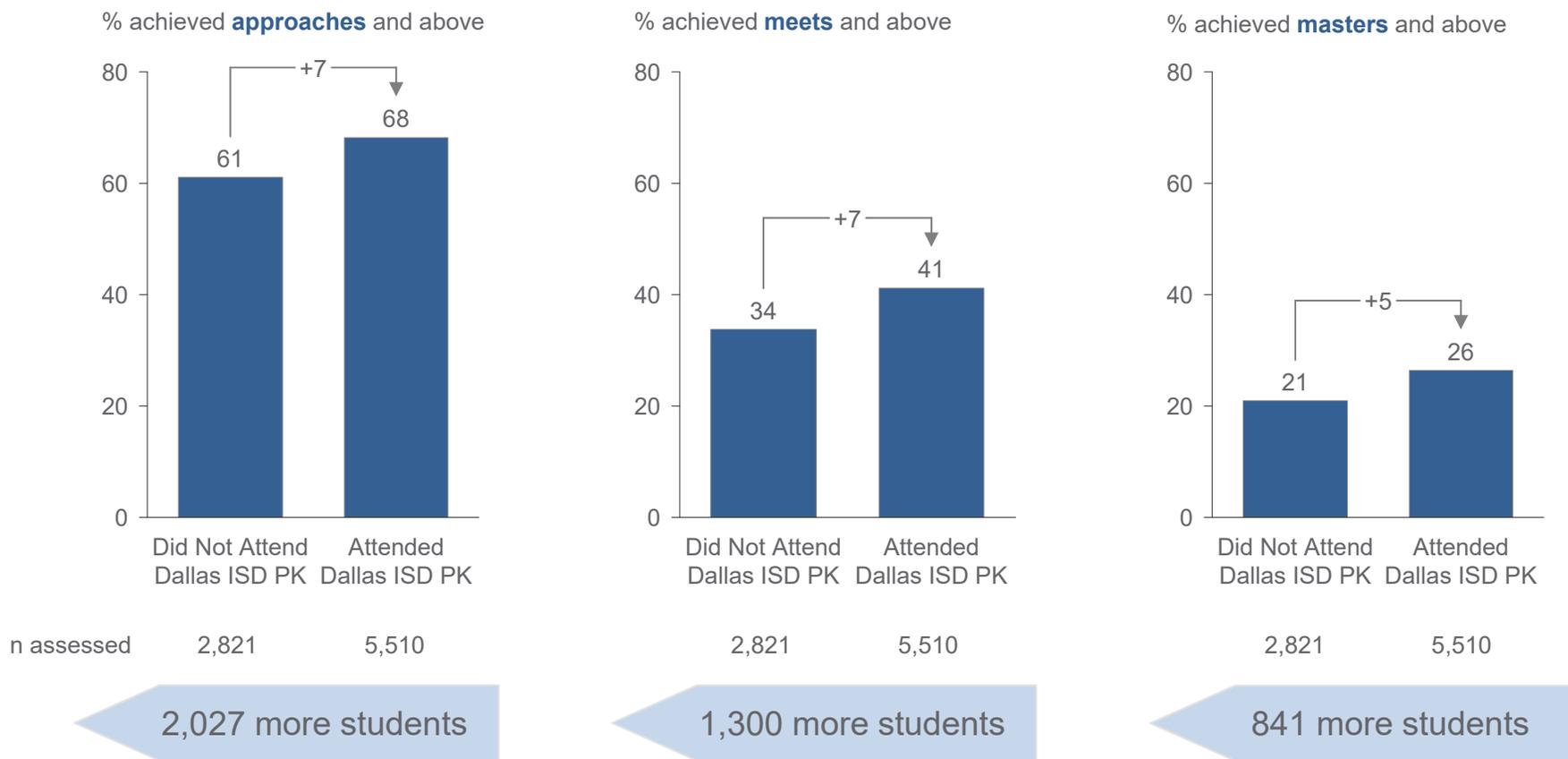


Note: No PreK students defined as students that were qualified for PreK and did not attend, but have attended Dallas ISD K – 3. Dallas ISD PreK students defined as students that have attended Dallas ISD PreK – 3rd grade. Enrolled PK – 3rd = 5,672 students, No PreK – 3rd = 2,971
 Source: ISIP results Sept. 2015, 9/19/16 – 10/17/16, Oct. 2017, STAAR results 2016 – 2017, Early Learning enrollment data 10/30/2017; January PEIMS 2014 – 2017, Early Learning analysis



...which is true at every level of 3rd grade STAAR results

2016-17 3rd grade STAAR reading results for the 2013-14 Kinder cohort



Note: Did not attend Dallas ISD PreK are students who qualified but did not attend PreK but attended grades Kinder – 3rd in Dallas ISD (2013-17). Attended Dallas ISD PreK are students who attended Dallas ISD PreK – 3rd grades (2012-17)

Source: January PEIMS 2013 – 2017; STAAR results 6/15/2017; Early Learning analysis

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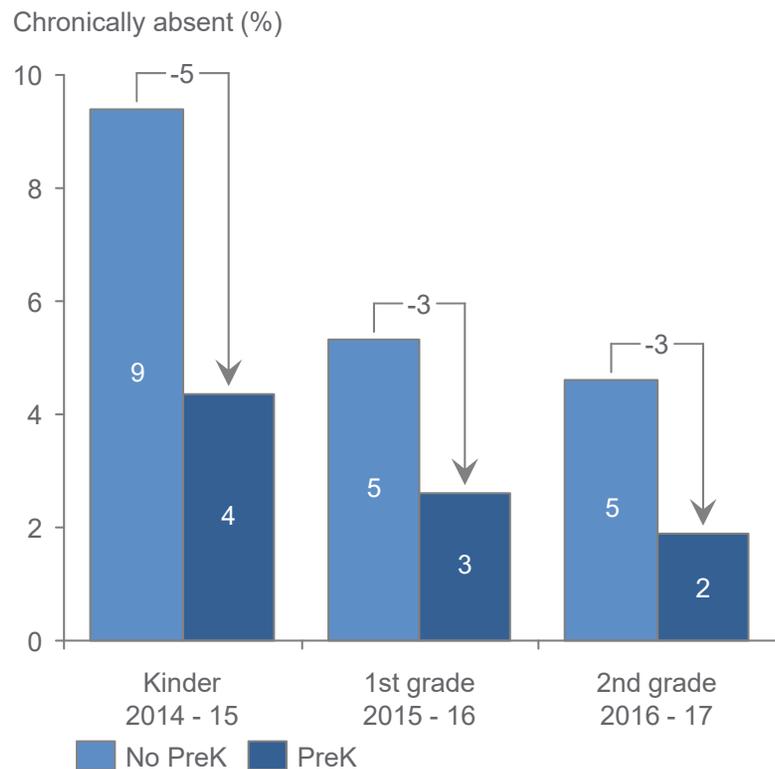
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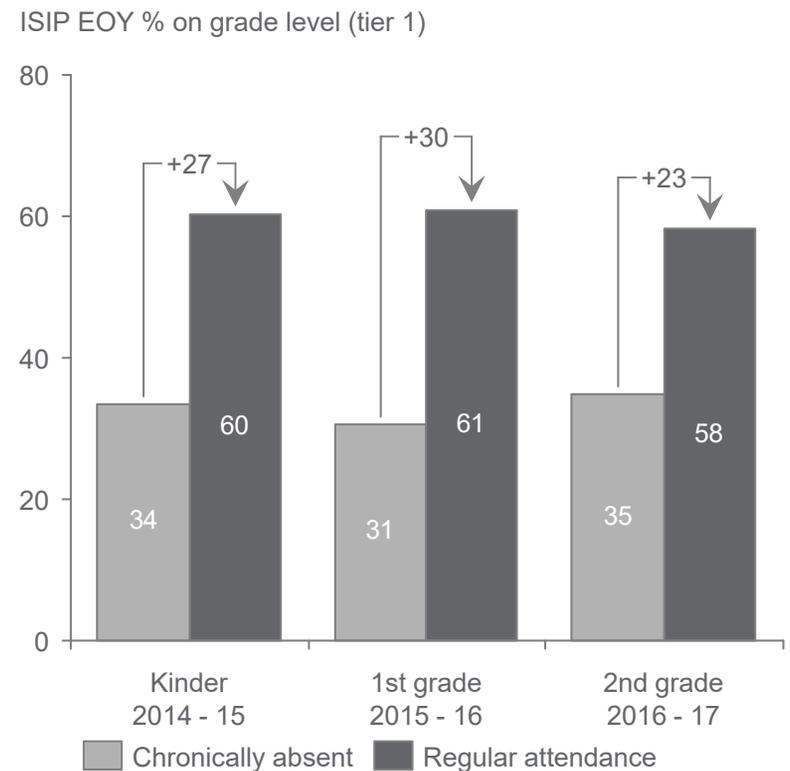
PreK students are less likely to be **chronically absent**, linked to better assessment performance



PreK students are less chronically absent than peers that did not attend PreK...



...and chronic absenteeism has a negative impact on student outcomes

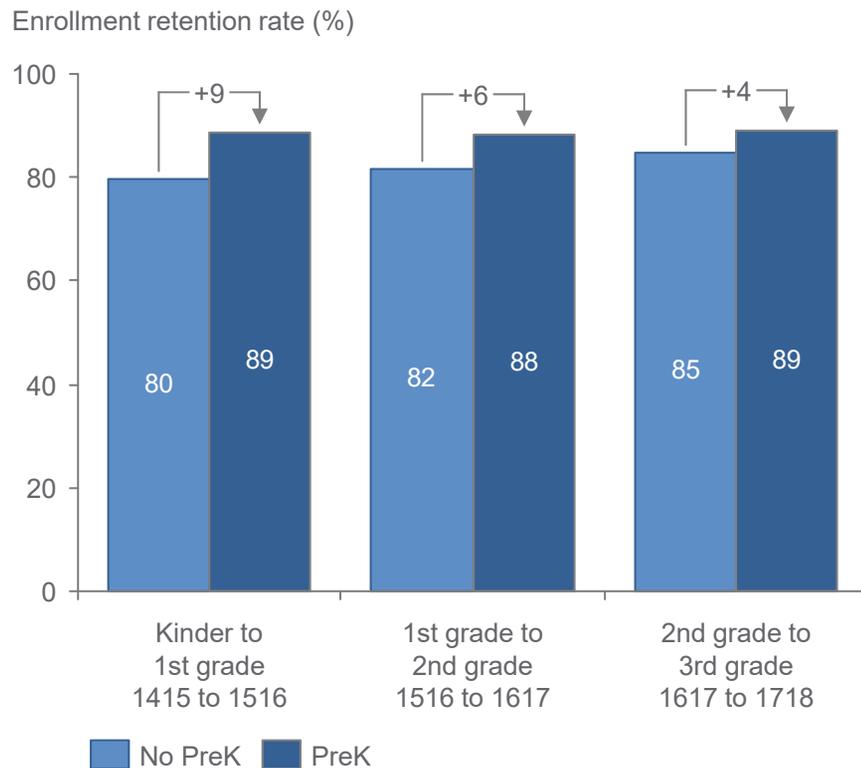


Note: Students missing more than 10% of school days are considered chronically absent. Students missing 10% or less of school days are considered to have regular attendance
 Source: January PEIMS 2013–2017; 10/30/2017 Student enrollment file; Attendance data sourced from Dallas ISD; ISIP EOY results May 2015–17

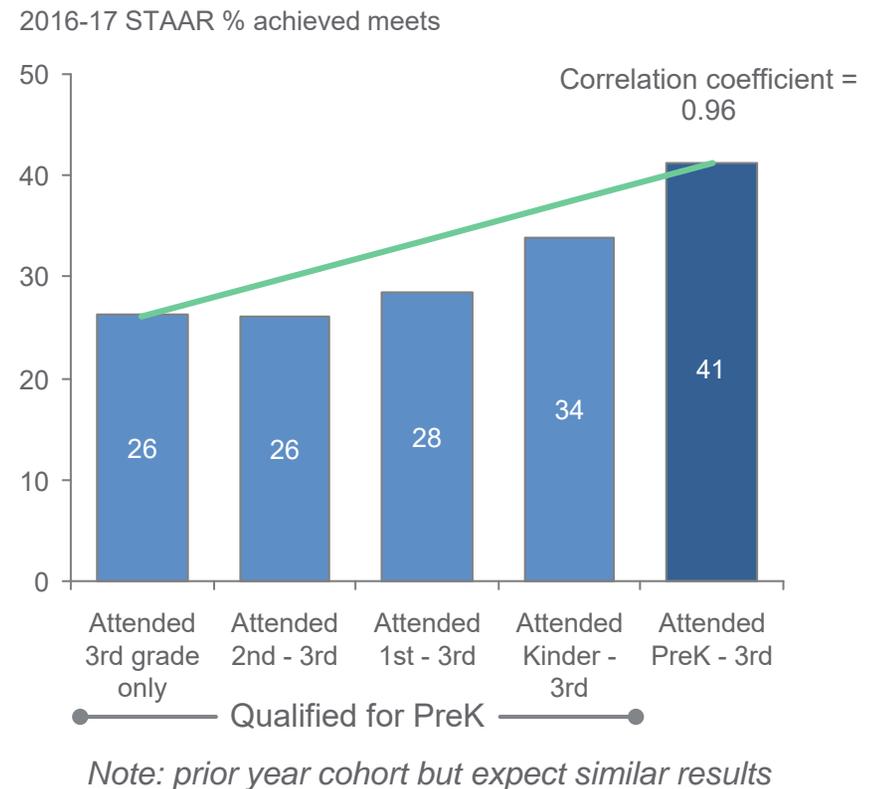
PreK students are more likely to be **consistently enrolled** in Dallas ISD which is highly correlated to student outcomes



PreK students have a higher enrollment retention rate compared to their peers



Clear connection between the number of years enrolled and 3rd grade STAAR



Note: Retention is based on enrollment from one school year to the next progressing from one grade to the next. Enrollment data based on January PEIMS for all years prior to 2017, for 2017 based on Chancery data. Qualified for PreK based on 3rd grade student identifiers of LEP or Economically Disadvantaged. PreK students are also outperforming total Kinder – 2nd grade cohort by 2 ppt, which includes affluent peers not qualified for PreK, closing the gap against not qualified for PreK students

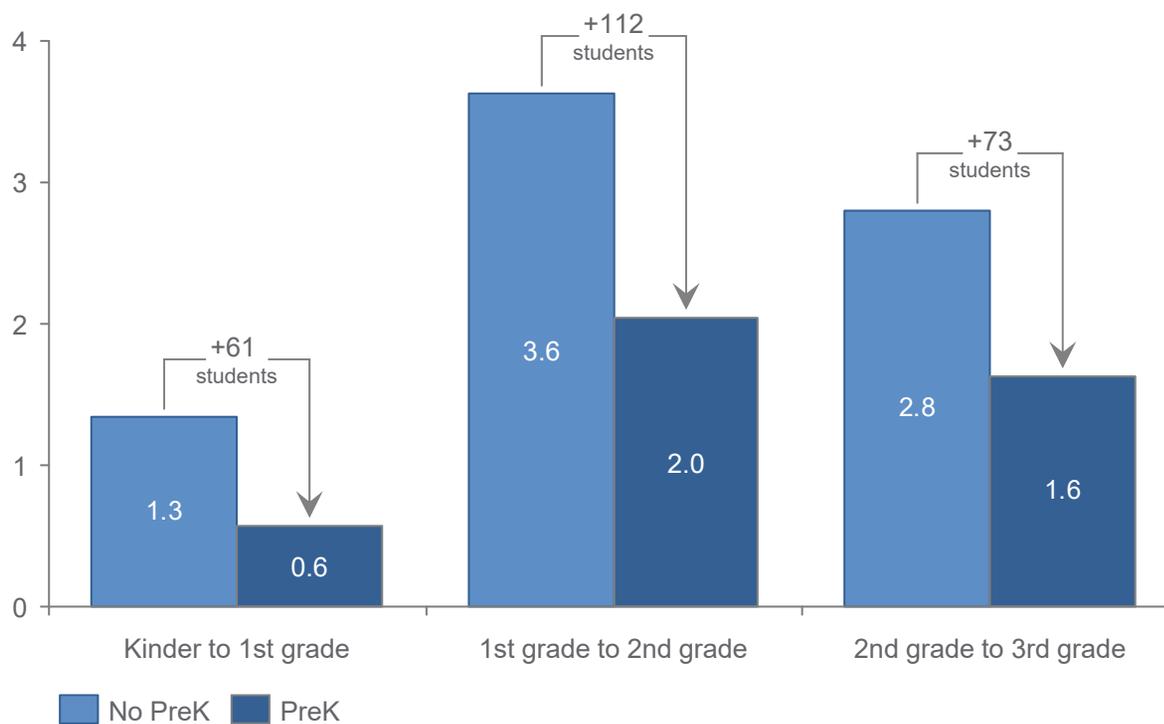
Source: January PEIMS 2013–2017; 10/30/2017 Student enrollment file; STAAR 2016–17 results

PreK students are less likely to be held back, linked to higher achievement and social-emotional benefits



Students who attended Dallas ISD PreK are less likely to be held back compared to those that qualified but did not attend

Students held back after their initial year in that grade (%)



Retained students achieve at lower levels, are more likely to drop out of high school, and have lower social-emotional outcomes than similar students who are promoted¹

Unclear whether long-term academic improvements are made by students who are retained²

1. Brookings Report: Is Retaining Students in the Early Grades Self-Defeating; 2. Center for Development and Learning: Grade Retention: Achievement and Mental Health Outcomes; "Held back" is based on enrollment from one school year to the next in the same grade. Retention is based on enrollment data based on January PEIMS for all years prior to 2017, for 2017 based on Chancery data; number of additional students is the difference in the retention rates between PreK and No PreK multiplied by the total PreK enrollment for that year

Source: January PEIMS 2013–2017; 10/30/2017 Student enrollment file

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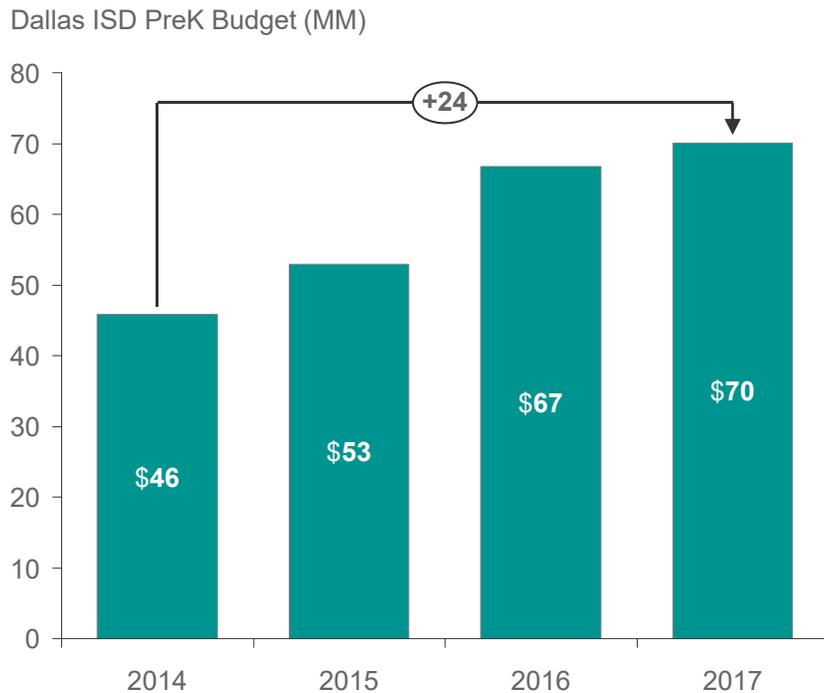
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Rethinking the Investment

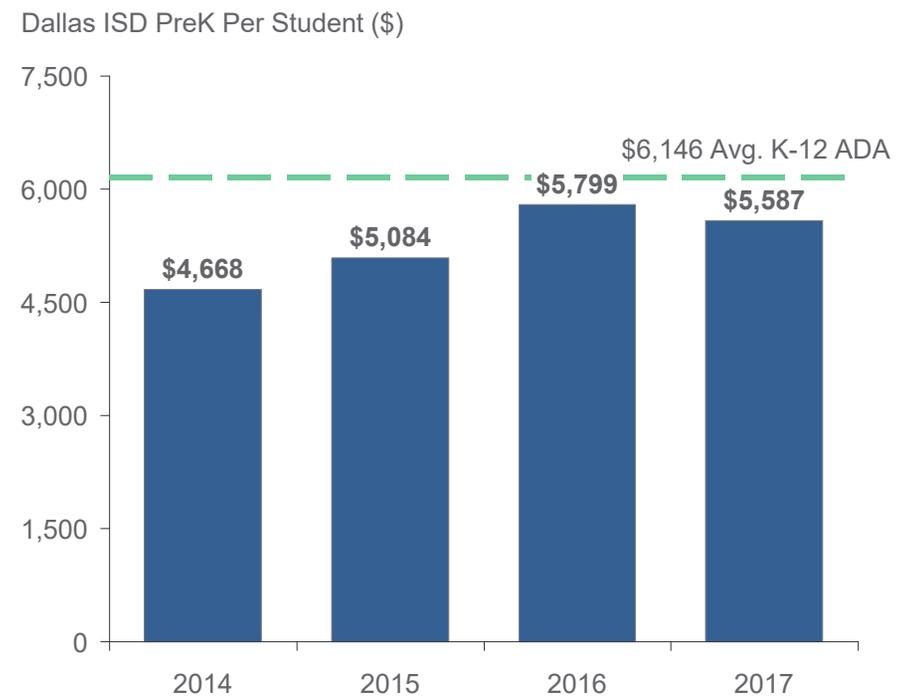


Dallas ISD has committed to PreK quality, increasing its investment every year

Dallas ISD has made huge investments in PreK...



...and still spends less per student than average K-12 ADA



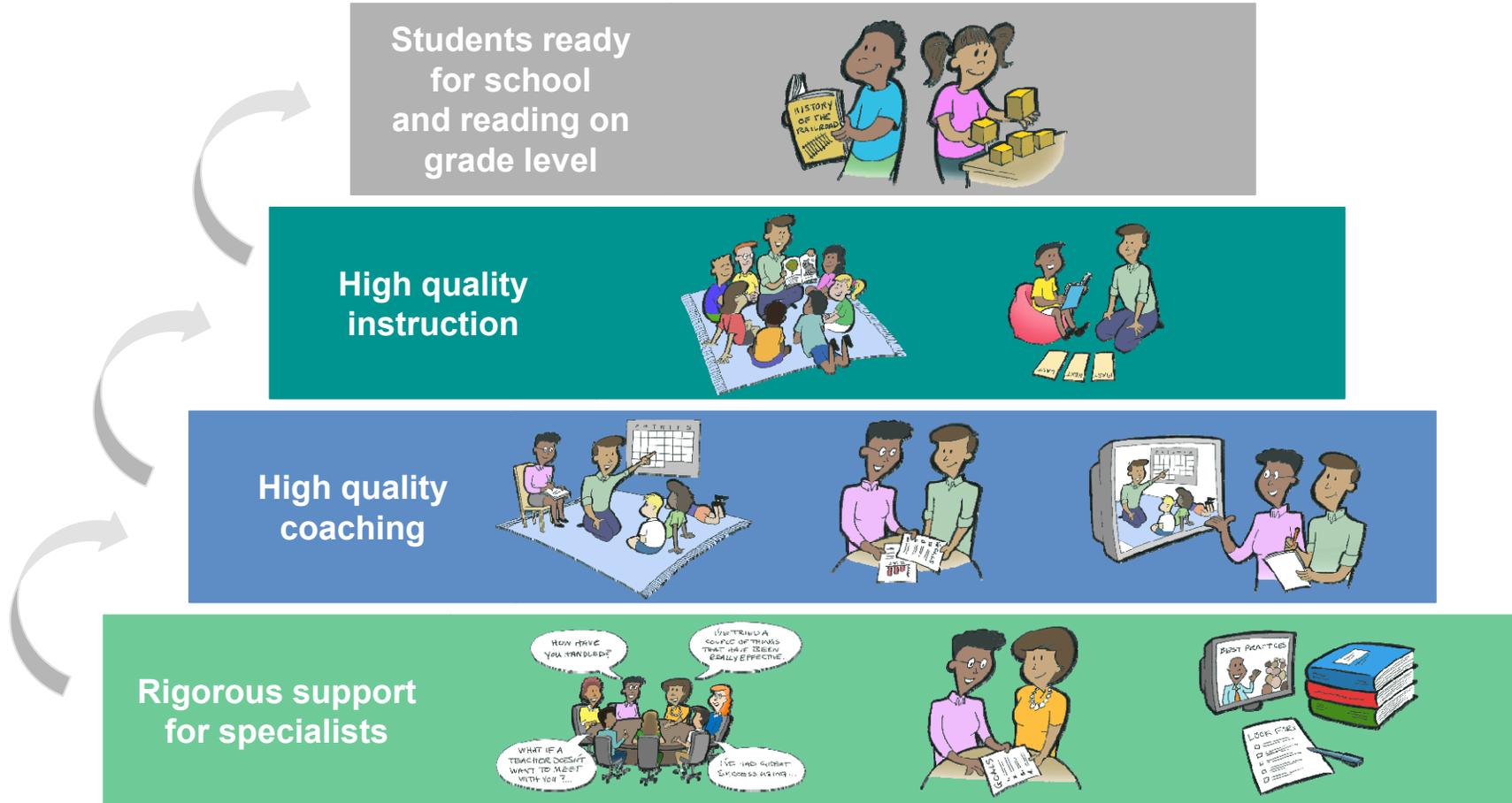
Note: Average ADA is based on 2017 Base Tier I and Tier II funding for K-12 students. WADA would be higher.

Source: Dallas ISD board briefing documents

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A major focus of the investment is high-quality coaching, which is the centerpiece of the strategy to improve quality





Early Learning coaching program

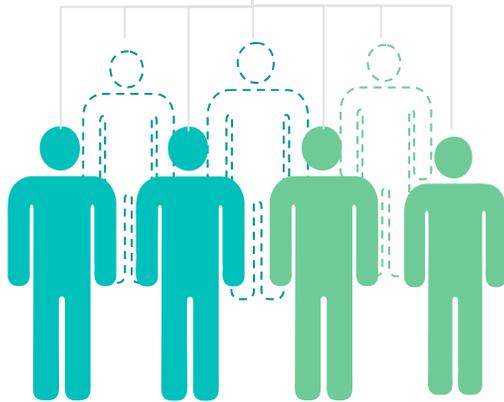
Covers 100% of PreK classrooms and expanding coverage of K-2nd grade

1

Lead coaches carry ~10 classroom load...



... and oversee 4-7 coaches who serve 16-22 classrooms each

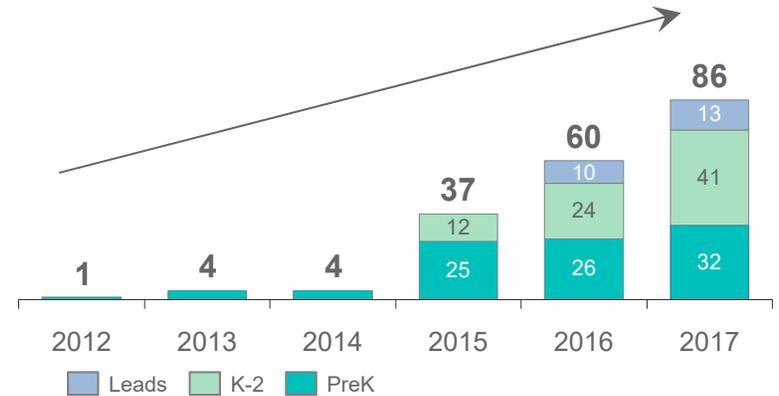


32 PreK coaches

41 K-2 coaches

2

Had rapid expansion over last three years...



3



... leading to full coverage of PreK classrooms and ~35% of K-2 classrooms



Classroom Deficits | Campus 4YO vs Campus 3YO

Full-day 4YO classrooms and half-day 3YO classrooms

Average capacity

Campus 4 y/o classroom

+		\$62,377 ADA (\$3,283 ¹ per student, 19 students)
-		\$63,148² Dallas ISD teacher salary/benefits
-		\$29,609³ Dallas ISD TA salary/benefits
-		\$4,866⁴ Materials/Supplies
-		\$7,274⁵ EL Support

Total cost per student estimated to be ~\$5,679

- \$45,520
(- \$2,396 per student)

Campus 3 y/o classroom

+		\$91,924 ADA (\$3,283 ¹ per student, 28 students)
-		\$63,148² Dallas ISD teacher salary/benefits
-		\$29,609³ Dallas ISD TA salary/benefits
-		\$4,866⁴ Materials/Supplies
-		\$7,274⁵ EL Support

Total cost per student estimated to be ~\$3,746

- \$12,973
(- \$463 per student)

1. Includes Base allocation (Tier I and Tier II), Supplemental Rider 58, and average Bilingual funding (~60% receive, so includes 60% of total Bilingual Tier I and Tier II) 2. Average Dallas ISD Pre-K teacher salary & benefits (12%) for '17-18 3. Average Dallas ISD Pre-K TA salary & benefits (12%) for '17-18 4. Cost of materials/supplies includes classroom materials, curriculum and PD, and software/data management and is estimated based on Early Learning Budget for '17-18 (50% PreK costs) 5. EL support includes department salaries and is estimated based on Early Learning budget for '17-18 (SRI includes only campus staff & direct coaching support)

Source: Dallas ISD Early Learning, TEA



Classroom Deficits | Campus 4YO vs SRI PLUS

Campus and SRI are full-day; SRI is typically mixed 3YO and 4YO

Average capacity

Campus 4 y/o classroom

- \$62,377 ADA**
(\$3,283¹ per student, 19 students)
- \$63,148²**
Dallas ISD teacher salary/benefits
- \$29,609³**
Dallas ISD TA salary/benefits
- \$4,866⁴**
Materials/Supplies
- \$7,274⁵**
EL Support

Total cost per student estimated to be ~\$5,679

- \$45,520
(- \$2,396 per student)

SRI PLUS

- \$49,245 ADA**
(\$3,283¹ per student, 15 students)
- \$63,148²**
Dallas ISD teacher salary/benefits
- \$20,000⁶**
PLUS Payment
- \$7,315⁵**
EL Support

Total cost per student estimated to be ~\$6,031

- \$41,218
(- \$2,748 per student)

1. Includes Base allocation (Tier I and Tier II), Supplemental Rider 58, and average Bilingual funding (~60% receive, so includes 60% of total Bilingual Tier I and Tier II) 2. Average Dallas ISD Pre-K teacher salary & benefits (12%) for '17-18 3. Average Dallas ISD Pre-K TA salary & benefits (12%) for '17-18 4. Cost of materials/supplies includes classroom materials, curriculum and PD, and software/data management and is estimated based on Early Learning Budget for '17-18 (50% PreK costs) 5. EL support includes department salaries and is estimated based on Early Learning budget for '17-18 (SRI includes only campus staff & direct coaching support). 6. SRI PLUS payment: \$5K for center teacher, \$5K for center, \$3K for rent, \$7K for revenue loss. Source: Dallas ISD Early Learning, TEA

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Rethinking the Investment



Invest where it pays off the most – early childhood!

Must Address Misalignment

9X

the brain development

1/2

the public school funding

Recognize similar cost structures

\$6,100

Estimated K-12 ADA funding

\$5,600

Estimated PreK student costs



Consider These Options

A Full-day ADA

Provide the same level of ADA to PreK as is provided to K-12 even if PreK3 stays half-day

B 3rd Grade Bonus

Provide districts a “bonus” payment for PreK students who outperform peers at 3rd grade

Note: Funding percentages based on PreK students only receiving half-day ADA funds.
Dallas ISD Testimony to Texas Commission on Public School Finance 02-22-18



No matter the option or innovation chosen, the state must recognize the benefits of PreK and fund it more equitably.

Our future economy and workforce depend on it!