



**E3 ALLIANCE**<sup>SM</sup>  
EDUCATION EQUALS ECONOMICS

# COVID 19 & Learning Loss: What does this mean for our Youngest Learners?

March 31, 2021

**Jennifer Cavazos Saenz**

Senior Director of Strategic Initiatives, E3 Alliance

**Laura Koenig**

Senior Director of Community Solutions, E3 Alliance

**PANEL**

**Bruce Gearing, Ed.D.**

Superintendent, Leander ISD

**Kendra Winans, M.Ed.**

Senior Executive Director, Early Childhood, State & Federal Programs, Leander ISD

**Patty Santoyo**

Director of Early Childhood & Extended Day Programs, Hays CISD



**Transforming education  
systems through data and  
collaboration so all students  
succeed.**



# LEVERAGING DATA TO ACTION



DATA



KNOWLEDGE

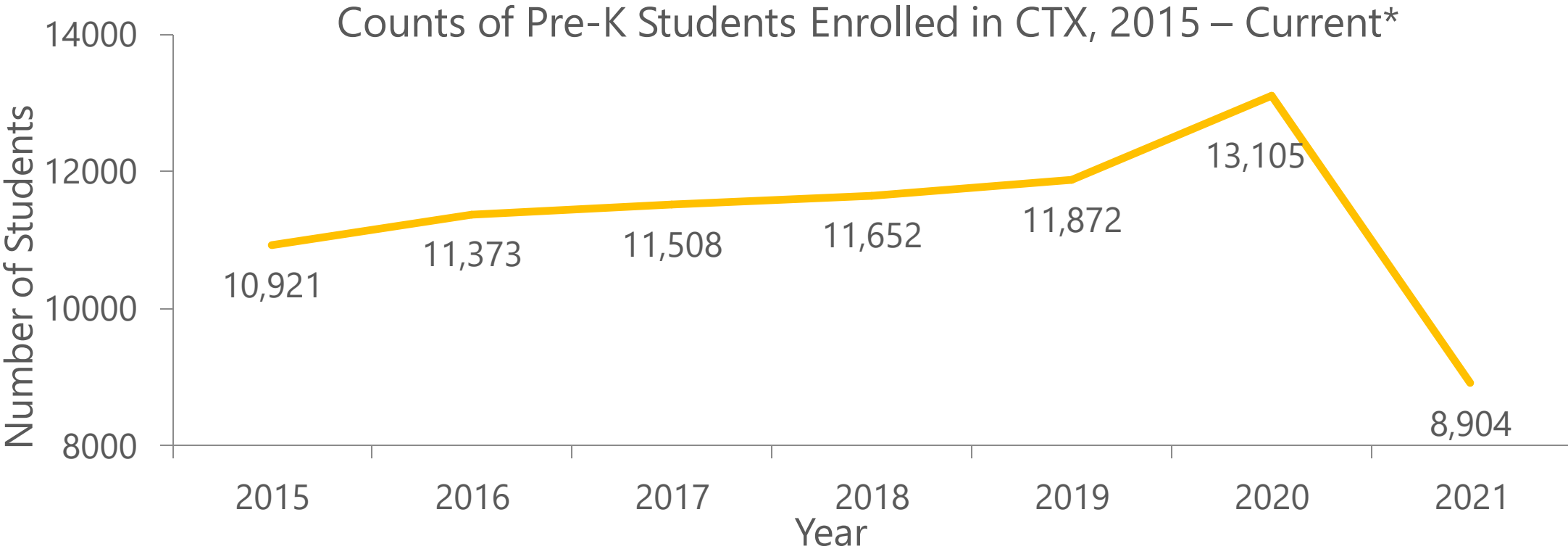


ACTION

# Pre-K Enrollment



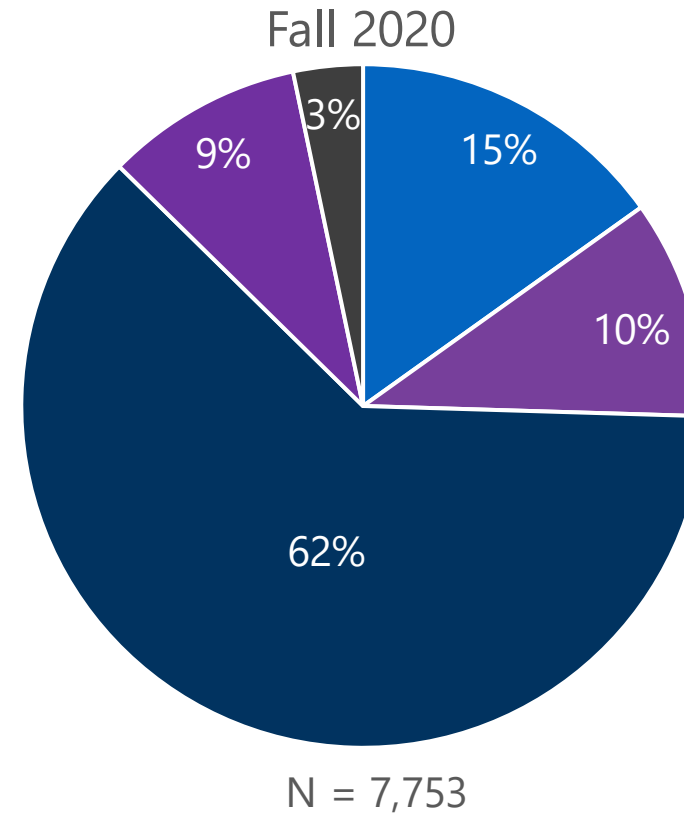
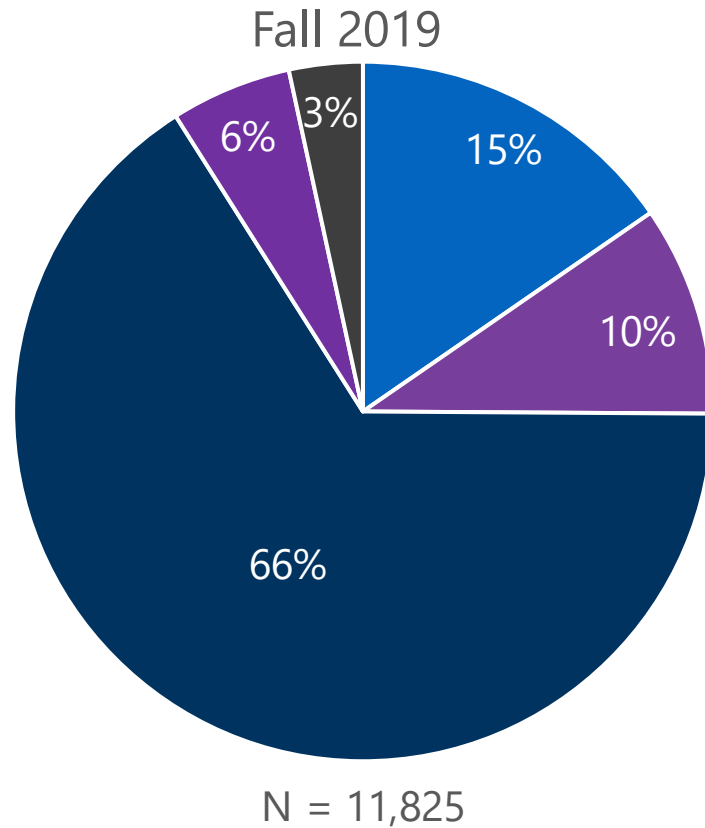
# PRE-K ENROLLMENT IN CENTRAL TEXAS SIGNIFICANTLY LOWER THAN PREVIOUS 5 YEARS



Source: E3 Alliance analysis of snapshot enrollment data at the UT Austin ERC and current data collected directly from districts  
\*Districts were included if current (2020-2021) enrollment data was available  
\*\*Districts included in CTX aggregation: Austin, Del Valle, Lake Travis, Leander, Lockhart, Manor, Pflugerville, Hutto, Round Rock, San Marcos, Taylor, and Wayside ISD



# CENTRAL TEXAS PRE-K ENROLLMENT



- White
- Black
- Hispanic
- Asian
- Other

Source: E3 Alliance analysis of snapshot enrollment data at the UT Austin ERC and current data collected directly from districts

\*\*Districts included in CTX aggregation: Austin, Del Valle, Hays, Leander, Lockhart, Manor, Hutto, Round Rock, San Marcos, Taylor, and Wayside ISD



# CENTRAL TEXAS FALL PRE-K ENROLLMENT

- Roughly 35% of our pre-K students are missing  $\approx$  4000 students
- 75% of which are LatinX
- 37% of which are Bilingual



# Kindergarten Readiness





# ELIGIBLE KINDERGARTNERS WITH PUBLIC PRE-K NEARLY 3X LIKELY TO BE SCHOOL READY

Odds that Eligible Children Who Attended Public Pre-K are Kindergarten Ready  
Central Texas, 2013-14 to 2018-19

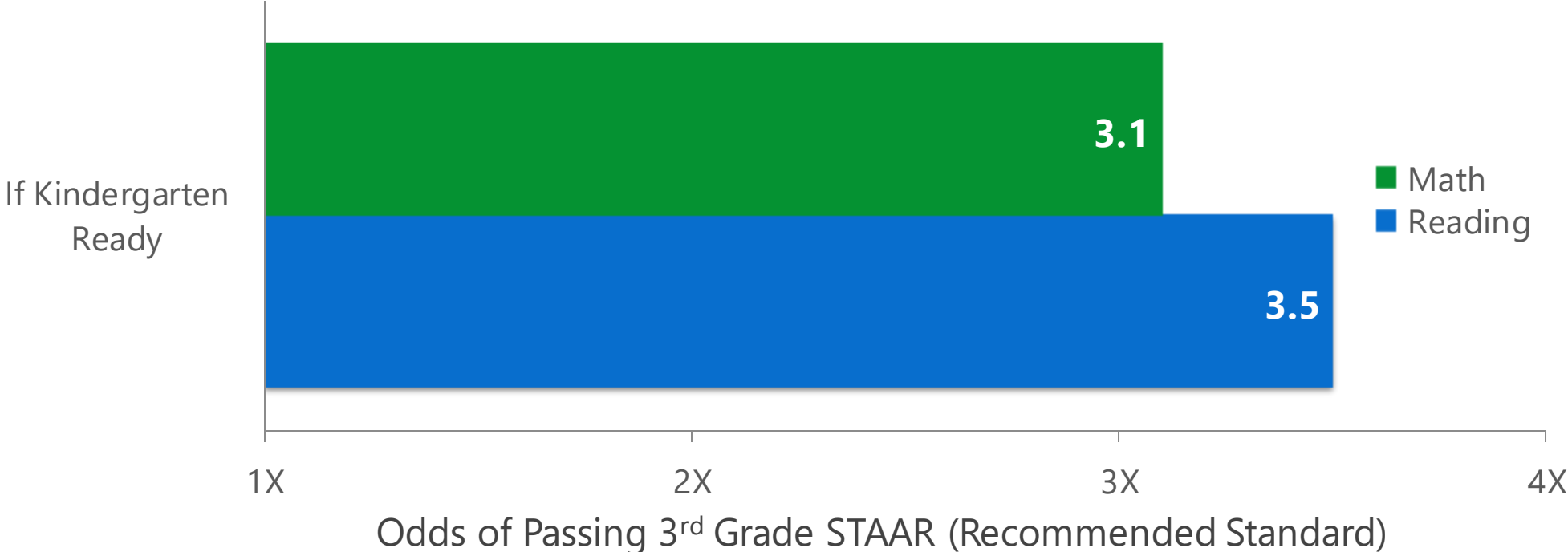


E3 Alliance analysis of children eligible for Public Pre-K from *Ready, Set, K!* weighted data  
Odds ratios from logistic regression of attending Public Pre-K vs. being at home or with relative, controlling for ethnicity and



# KINDER READINESS PREDICTIVE OF STAAR PERFORMANCE

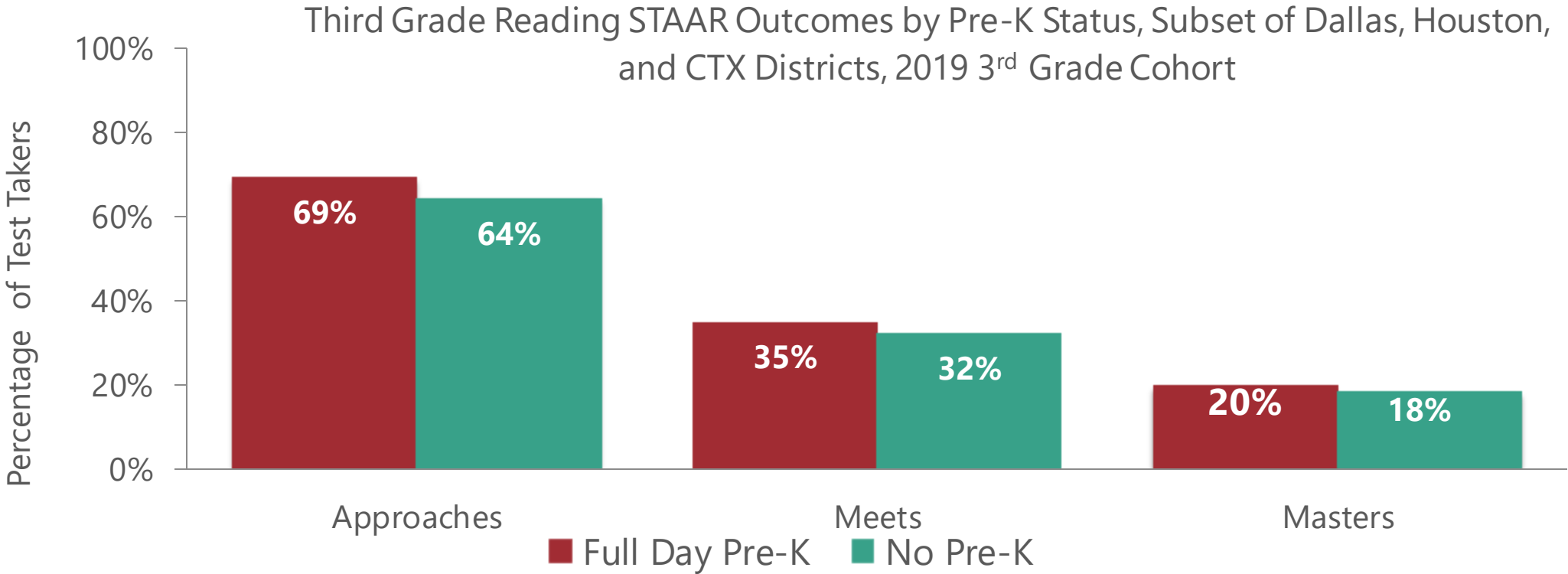
Odds Ratio Predicting Passing STAAR in 3<sup>rd</sup> Grade, Central Texas



E3 Alliance analysis of *Ready, Set, K!* and data at the Education Research Center at UT Austin; odds ratios from model with income, EL, gender, ethnicity, Kinder ready status as predictors; Kindergarten in 2011-12



# PRE-K ENROLLMENT PREDICTIVE OF READING STAAR PERFORMANCE

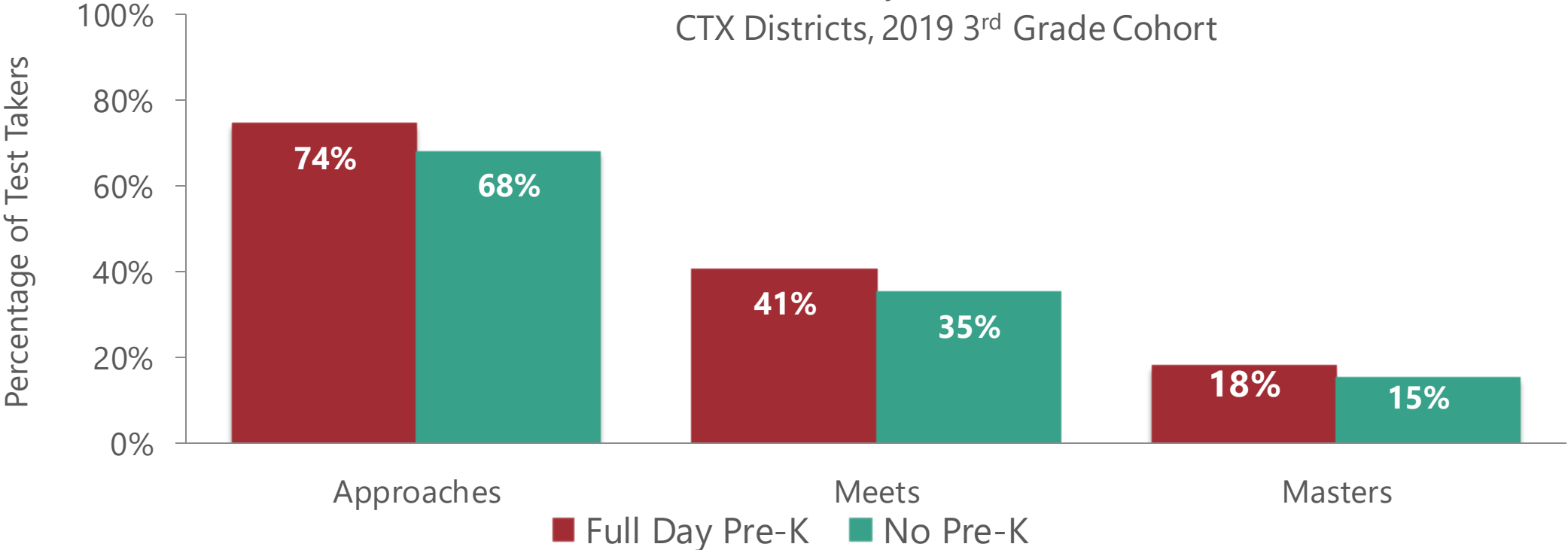


Source: E3 Alliance analysis of STAAR performance data and enrollment data at the UT Austin ERC  
\*Full day districts included in analysis: Dallas, Lancaster, Aldine, Houston, Spring Branch, Austin, Lake Travis, Taylor, Lockhart, and San



# PRE-K ENROLLMENT PREDICTIVE OF MATH STAAR PERFORMANCE

Third Grade Math STAAR Outcomes by Pre-K Status, Subset of Dallas, Houston, and CTX Districts, 2019 3<sup>rd</sup> Grade Cohort



Source: E3 Alliance analysis of STAAR performance data and enrollment data at the UT Austin ERC  
\*Full day districts included in analysis: Dallas, Lancaster, Aldine, Houston, Spring Branch, Austin, Lake Travis, Taylor, Lockhart, and San



# Potential Cascading Effects in Texas



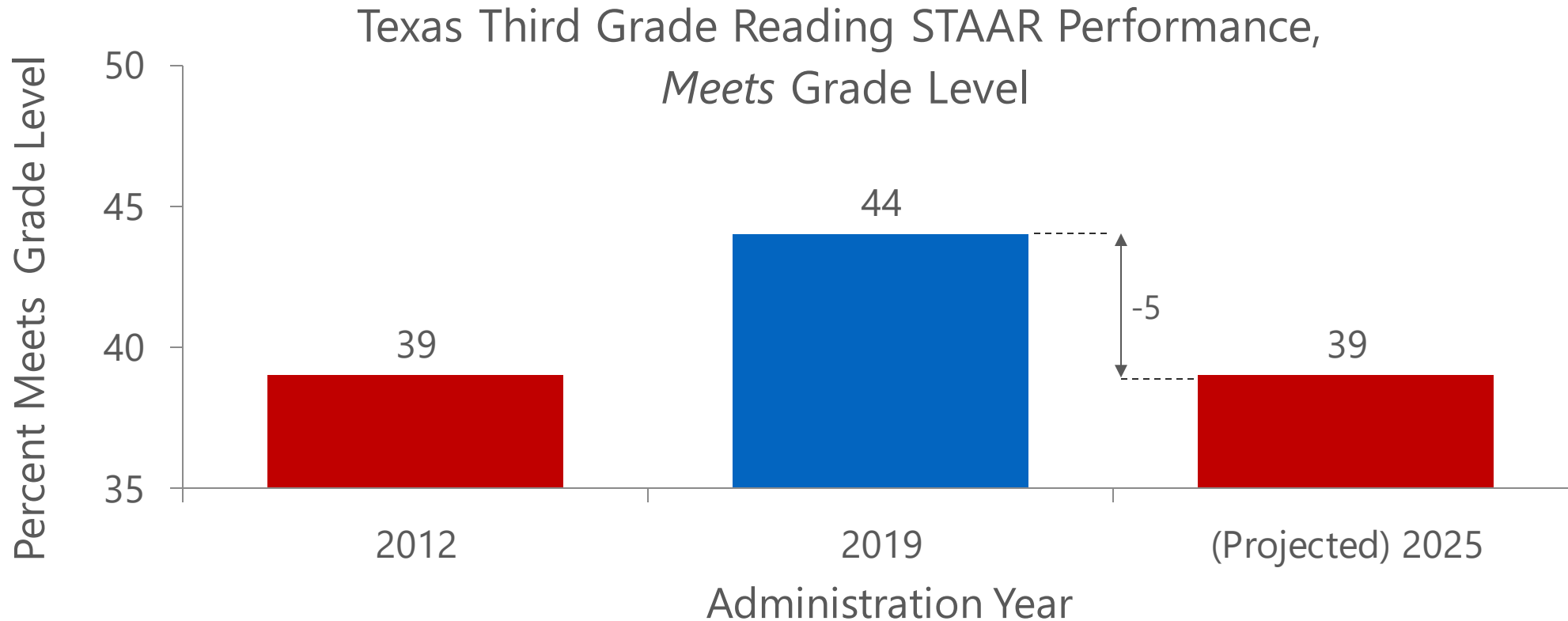
# BASED ON ENROLLMENT DROPS

9,000

...additional students not kindergarten ready if patterns in **Texas** look like they do in Central Texas.



# A 5 PERCENTAGE POINT DROP IN STUDENTS ON GRADE LEVEL FOR READING COULD UNDO GAINS MADE IN THE LAST DECADE



Source: E3 Alliance analysis of STAAR performance data at the UT Austin ERC



# District Level Insight





# PANEL



**Bruce Gearing, Ed.D.**  
Superintendent,  
Leander ISD



**Kendra Winans, M.Ed.**  
Senior Executive Director  
Early Childhood/State & Federal  
Programs, Leander ISD



**Patty Santoyo**  
Director of Early Childhood &  
Extended Day Programs,  
Hays CISD

# DISRUPTING YOUNG LEARNERS' OUTCOMES THROUGH POLICY



Support class size limits and student/teacher ratios for prekindergarten classes (HB 41)



Sustain HB 3, Early Childhood Education including engage in partnerships with community-based early learning centers.



Thank you

[e3alliance.org](http://e3alliance.org)



**E3 ALLIANCE**  
EDUCATION EQUALS ECONOMICS