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

March 31, 2021
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

Counts of Pre-K Students Enrolled in CTX, 2015 – Current*

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

N = 11,825

N = 7,753

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 ≈ 4000 students
  - 75% of which are LatinX
  - 37% of which are Bilingual
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

2.6

E3 Alliance analysis of children eligible for Public Pre-K from Ready,Set,Kindergarten! weighted data
Odds ratios from logistic regression of attending Public Pre-K vs. being at home or with relative, controlling for ethnicity and gender
KINDER READINESS PREDICTIVE OF STAAR PERFORMANCE

Odds Ratio Predicting Passing STAAR in 3rd Grade, Central Texas

If Kindergarten Ready

Odds of Passing 3rd Grade STAAR (Recommended Standard)

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

Third Grade Reading STAAR Outcomes by Pre-K Status, Subset of Dallas, Houston, and CTX Districts, 2019 3rd Grade Cohort

Percentage of Test Takers

Approaches
- Full Day Pre-K: 69%
- No Pre-K: 64%

Meets
- Full Day Pre-K: 35%
- No Pre-K: 32%

Masters
- Full Day Pre-K: 20%
- No Pre-K: 18%

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 Marcos ISD
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 3rd 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 Marcos ISD
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

Texas Third Grade Reading STAAR Performance, 
*Meets* Grade Level

<table>
<thead>
<tr>
<th>Administration Year</th>
<th>Percent Meets Grade Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>39</td>
</tr>
<tr>
<td>2019</td>
<td>44</td>
</tr>
<tr>
<td>(Projected) 2025</td>
<td>39</td>
</tr>
</tbody>
</table>

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