School Readiness in Santa Clara County

November 8, 2019
Safety Announcement

In the event of an emergency evacuation:
• Please notify me if you require assistance exiting
• Notice where the exits are located
• Follow me as we vacate the room and building
• Proceed to the parking lot evacuation area for roll call
• Do not leave until attendance reporting is completed
• We greatly appreciate your cooperation
• Please raise your hand if you are Red Cross Certified for Emergency First Aid
• AEDs (6) are located on each floor by the landings
Welcome
Agenda

- Keynote: Kids Matter!
- Background: Why assess readiness?
- Findings from the 2018 Santa Clara County assessment
  - How many children in Santa Clara County were Fully Ready for school?
  - What factors predicted higher readiness in the county?
  - How is readiness related to family engagement and community services and supports?
- How do we use the data to turn the curve on readiness in the county?
Keynote

Supervisor Ellenberg
County of Santa Clara
District 4
Background

- Why is kindergarten readiness important?
  - Linked to long-term education, health, and social outcomes
  - Creates a portrait of readiness for a community
  - Informs interventions to support readiness
  - Builds bridges between 0-5 and K-12 communities

- Why measure readiness in Santa Clara County?
  - Last countywide readiness assessment was over 10 years ago
  - Can be used to shape local strategies for readiness in the county
  - Can bring together partners in the county pursuing a common goal –

Every child comes to school ready to learn!
SRA Model & Measures

**KINDERGARTEN OBSERVATION FORM (KOF)**
- 20 research-based items administered by teacher
  - 6 direct test items
  - 14 observational items

**PARENT INFORMATION FORM (PIF)**
- Take-home confidential survey for parents
- PIF measures:
  - Child health
  - Early learning
  - Family protective factors
  - Family risk markers
  - Participation in programs/services

**FIRST 5 SERVICE DATA**
- Family Resource Center services
- Home visiting services
- Developmental screening and referrals
2018 Santa Clara County Sample

- 14 Districts
- 42 Schools
- 66 Classrooms
- 1,253 K Assessments (KOF)
- 983 Parent Surveys (PIF)
School Readiness in 2018

Average readiness score that predicts third grade reading:

3.25

19% Not Ready

31% Partially Ready

50% Fully Ready

60% 3rd Graders are Proficient Readers

N=1,159. Note: Data were weighted to approximate race/ethnicity, SES, and EL representation, and adjusted for school and district enrollment.

Fully Ready: Mean score of 3.25 or higher in all three domains: Self-Regulation, Social Expression and K. Academics.

Partially Ready: Mean score of 3.25 or higher in one or two domains.

Not Ready: Mean score below 3.25 in all three domains.
School Readiness 10 Years Ago

<table>
<thead>
<tr>
<th>Category</th>
<th>2008</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>3.32</td>
<td>3.34</td>
</tr>
<tr>
<td>Self-Regulation</td>
<td>3.23</td>
<td>3.34</td>
</tr>
<tr>
<td>Social Expression</td>
<td>3.33</td>
<td>3.28</td>
</tr>
<tr>
<td>Kindergarten Academics</td>
<td>3.27</td>
<td>3.32</td>
</tr>
</tbody>
</table>

Scale of 1 = Not proficient to 4 = Proficient.
Readiness is Higher Compared to Other Regions of Bay Area

PERCENTAGE OF STUDENTS READY FOR SCHOOL

N=1,159 (SC); 5,011 (Bay Area). Note: Data were weighted to approximate race/ethnicity, SES, and EL representation, and adjusted for school and district enrollment.

**Fully Ready**: Mean score of 3.25 or higher in all three domains: Self-Regulation, Social Expression and K. Academics.

**Partially Ready**: Mean score of 3.25 or higher in one or two domains.

**Not Ready**: Mean score below 3.25 in all three domains.

<table>
<thead>
<tr>
<th></th>
<th>Bay Area</th>
<th>Santa Clara</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Ready (0 areas)</td>
<td>22%</td>
<td>19%</td>
</tr>
<tr>
<td>Partially Ready (1-2 areas)</td>
<td>36%</td>
<td>31%</td>
</tr>
<tr>
<td>Fully Ready (all areas)</td>
<td>42%</td>
<td>50%</td>
</tr>
</tbody>
</table>
Predictors of Readiness in 2018

N=729. Estimates are adjusted for districts and schools nested in districts.
“Recipe” of Assets for Readiness

- Quality services and supports foster conditions for optimal growth and development, so that each child enters school ready to learn

Early learning programs

Early health services

Parent support and family engagement

EARLY CHILDHOOD EXPERIENCES

SCHOOL READINESS
Children attending QUALITY MATTERS (QRIS) rated early learning programs in Santa Clara County have higher readiness scores.

Scale of 1 = Not proficient to 4 = Proficient. N=610-649. * p < .05; ** p < .01. Estimates are adjusted for age, sex, race/ethnicity (Hispanic or not), special needs, English Learner status, maternal education, family income, and single parenthood.
Family Engagement

- Children in highly engaged families had higher Kindergarten Academics scores

<table>
<thead>
<tr>
<th>Scale of 1= Not proficient to 4 = Proficient.</th>
<th>N=707-741.</th>
<th>*Difference statistically significant, p&lt;.05.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall</td>
<td>3.40</td>
<td>3.45</td>
</tr>
<tr>
<td>Self-Regulation</td>
<td>3.39</td>
<td>3.42</td>
</tr>
<tr>
<td>Social Expression</td>
<td>3.34</td>
<td>3.41</td>
</tr>
<tr>
<td>K Academics</td>
<td>3.37</td>
<td>3.46</td>
</tr>
</tbody>
</table>
FIRST 5 and Kinder Prep

- FIRST 5 families were more likely to have screenings and carry out activities to prepare their children for kindergarten^.

Parent Support and Family Engagement

Early Health Services

Prep for K: Number of activities. N=248. +p <.10; *p < .05. ^ Among sample attending schools near FRC sites.
FRCs and Readiness

Among students attending schools near Family Resource Center sites, FRC services is associated with higher Self-Regulation & Social Expression skills.

Scale of 1= Not proficient to 4 = Proficient. N=235-252. +p < .10; *p < .05. Estimates are adjusted for race/ethnicity (Hispanic or not), special needs, English Learner status, age, sex, maternal education, family income, and single parenthood.
Health Outcomes

Most children have access to physical and oral health care, but fewer than half in the overall sample received developmental screenings.

<table>
<thead>
<tr>
<th>Physical</th>
<th>Oral</th>
<th>Developmental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rarely/never tired or hungry</td>
<td>Has toothache</td>
<td>Screened</td>
</tr>
<tr>
<td>75%</td>
<td>83%</td>
<td>47%</td>
</tr>
<tr>
<td>Has doctor</td>
<td>Has dentist</td>
<td></td>
</tr>
</tbody>
</table>
Cumulative Effect of Assets for Latino Boys

**ASSETS**
- Well-being
- ECE experience
- Securely housed
- Visited library
- Read with caregiver
- Resilient
- Less screen time
- K prep activities
- Early bedtime

**PERCENT READY BY NUMBER OF ASSETS**

<table>
<thead>
<tr>
<th>Number of Assets</th>
<th>Fully Ready (%)</th>
<th>Not Ready (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>45%</td>
<td>52%</td>
</tr>
<tr>
<td>5-6</td>
<td>37%</td>
<td>19%</td>
</tr>
<tr>
<td>7-9</td>
<td>19%</td>
<td>19%</td>
</tr>
</tbody>
</table>

N=107. ***p < .001.
How Do We Turn the Curve?

Healthy Pregnancies & Births
Optimal Child Development
Supported & Engaged Families
Quality Early Care & Education
High Quality K-3rd Grade Education
Children succeeding by 3rd Grade
Panel

- Dr. Hilaria Bauer, Superintendent, Alum Rock Union Elementary School District
- Tina Choy, Principal, Berryessa Union School District
- Sandra Rivera, Teacher, Alum Rock Union Elementary School District
Building a Call to Action

1. What are two things you want to see happen in the county to improve school readiness?

2. What are the barriers to a countywide assessment of school readiness?

3. What are the benefits of a countywide assessment?
How Do We Turn the Curve?

- **Partners in all sectors** have a role to play in improving the quality of each child’s early experience.

- **Universal Access Pilot** received over $2M in funding from Board of Supervisors to change the business is done in East San Jose:
  - Increase connection to early education, health, parent support services
  - Increase school readiness
  - Increase third grade reading

- **Countywide School Readiness Initiative**

- **Countywide Early Learning Enrollment Campaign and Attendance**
Thank you to the sponsors who made this study possible!
Thank you!

Mary Ann Dewan, Ph.D.
County Superintendent of Schools
Santa Clara County Office of Education
MaryAnn_Dewan@sccoe.org
408-453-6511