Road Map

- Evidence to drive EHS/HS-3rd Grade Collaborations
- Opportunities to Build Your Skills in Data-Driven Leadership
How Are Children Doing I: Kg.-Grade 3?

% 4th Grade "Proficient" Readers

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>4th Grade &quot;Proficient&quot; Readers</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>43</td>
</tr>
<tr>
<td>Black</td>
<td>14</td>
</tr>
<tr>
<td>Hispanic</td>
<td>17</td>
</tr>
<tr>
<td>Asian</td>
<td>46</td>
</tr>
<tr>
<td>Native Am.</td>
<td>18</td>
</tr>
<tr>
<td>Poor</td>
<td>17</td>
</tr>
<tr>
<td>Non Poor</td>
<td>44</td>
</tr>
</tbody>
</table>
Why We Care About Reading Proficiency

<table>
<thead>
<tr>
<th>Reading and School Success</th>
<th>Reading and Adult Success:</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Up to 1/2 of 4th grade textbooks are incomprehensible to children reading below grade level.</td>
<td>□ Failure to read at grade level by end of 3rd grade = strong predictor of high school drop out</td>
</tr>
<tr>
<td>□ 73% of children who enter 4th grade with a 1st or 2nd grade reading level never catch up to grade level reading</td>
<td>□ Drop-outs are 8 times more likely than high school graduates to be incarcerated</td>
</tr>
<tr>
<td>□ Inability to read at grade level is the most common reason for retention in the early grades</td>
<td>□ 70% of adults with lowest literacy skills are unemployed</td>
</tr>
</tbody>
</table>
Third Grade Reading and Drop-Out Rates


www.ceelo.org | www.ccsso.org
Rotten Outcomes:
Black men, 20-34, high-school dropouts

![Graph showing percentage of employed Black men from 1980 to 2008.](image-url)
How Are Children Doing II: Birth – 5?

Cumulative Vocabulary (Words)

- College Educated Parents
- Working Class Parents
- Welfare Parents

Child’s Age (Months)

16 mos. 24 mos. 36 mos.

Reading/Math Scores at Kindergarten Entry

www.ceelo.org | www.ccsso.org
How Big Are These Disparities Anyway?

- Low-income 4-5-yr-old children are 12-14 months below national norms in language development. (Layzer)
- 40% of low-income children did not know all the letters of the alphabet at the end of kindergarten (Head Start Impact Study).
How Are Children Doing III: Kg.-3rd?

Mathematics Achievement Scores of Kindergartners Followed Through Grade 8, by Kindergarten Score Quartile

How Are Young Children Doing IV: In the Summer?

Summary of Reading Achievement Trajectories

Middle-Income Students, No Summer School

Low-Income Students, No Summer School

Average Reading Achievement Level

Kindergarten Summer 1st Grade Summer 2nd Grade Summer 3rd Grade Summer 4th Grade Summer

What Do You Think?

- Are educators sufficiently informed, alarmed and focused on achievement gaps/shortfalls in the early years? In EHS? In HS? In Public Education?

- Are parents receiving accurate, honest feedback on how well their children are progressing?
What Do You Think?

- Can Early Childhood & Kg-to-Grade 3 Educators Join Forces to Prevent/Minimize Disparities?
- How Can We Best Use Data to Motivate/Guide EHS/HS/Kg.-3rd Partnerships?
Communicating Data

World’s Most Accurate Pie Chart

- Pie I have eaten
- Pie I have not yet eaten