UTILIZING THE SC DATA BOOK TO YOUR ADVANTAGE

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Roadmap

SC Early Childhood Databook

How are the children?

Using data for action
Welcome to the Databook!

• 80+ indicators about environmental factors impacting children, ages 8 and under
• South Carolina focused
• Comparisons to North Carolina, Georgia, and United States
• Four domains:
  • Family environment
  • Physical health
  • Emotional well-being
  • Cognitive development
Exploration of trends & importance of each indicator

SC & state comparison data discussed by domain

Data table of all indicators discuss in report by state
## Early Childhood Well-Being Indicators

<table>
<thead>
<tr>
<th>Family Environment</th>
<th>Physical Health</th>
<th>Emotional Well-Being</th>
<th>Cognitive Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family income</td>
<td>Prenatal care</td>
<td>Maternal depression</td>
<td>Developmental Delay</td>
</tr>
<tr>
<td>Parent education</td>
<td>Substance use</td>
<td>Abuse and neglect</td>
<td>Child care</td>
</tr>
<tr>
<td>Parental employment</td>
<td>Domestic abuse</td>
<td></td>
<td>Head Start</td>
</tr>
<tr>
<td>Teenage motherhood</td>
<td>Preterm births</td>
<td></td>
<td>Pre-kindergarten</td>
</tr>
<tr>
<td>Family engagement</td>
<td>Low birth weight</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Infant mortality</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Breastfeeding</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Immunizations</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medical care</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oral health</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Obesity and Activity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Roadmap

- SC Early Childhood Databook
- How are the children?
- Using data for action
Exploring the Data Table

### Table 3
**State Indicators and Statistics**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>SC</th>
<th>GA</th>
<th>NC</th>
<th>United States</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Population (5)</td>
<td>5,024,369</td>
<td>10,429,379</td>
<td>10,273,419</td>
<td>325,719,178</td>
<td></td>
</tr>
<tr>
<td>Children under 18</td>
<td>1,105,362 (22.0% of total pop.)</td>
<td>2,513,481 (24.1% of total pop.)</td>
<td>2,301,246 (22.4% of total pop.)</td>
<td>73,612,535 (22.6% of total pop.)</td>
<td>2017</td>
</tr>
<tr>
<td>Children under 5</td>
<td>291,414 (5.8% of total pop.)</td>
<td>657,051 (6.3% of total pop.)</td>
<td>606,132 (5.9% of total pop.)</td>
<td>19,868,870 (6.1% of total pop.)</td>
<td></td>
</tr>
</tbody>
</table>

### Vulnerable Children

<table>
<thead>
<tr>
<th>Experiencing at least 1 risk factor (9)(^a)</th>
<th>42%</th>
<th>43%</th>
<th>42%</th>
<th>44%</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Experiencing at least 3 risk factors (9)</td>
<td>21%</td>
<td>21%</td>
<td>20%</td>
<td>15%</td>
<td>2016</td>
</tr>
</tbody>
</table>
“Risk Factors”

The National Center for Children in Poverty identifies the following “risk factors”:

- living in poverty
- single parent
- teen mother
- low parental education level
- non-employed parents
- residential mobility
- households without English speakers
- large family size

*(Let’s talk about the term “risk factors”)*
South Carolina’s Children

Clemson football fans at a home game

=11,000 kids under age 18 in SC

=1-2 risk factors

=3+ risk factors
South Carolina Working Mothers

**MONTHLY COSTS**

1 adult and 1 child  
Greenville County, SC

<table>
<thead>
<tr>
<th>Category</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td>$838</td>
</tr>
<tr>
<td>Food</td>
<td>$382</td>
</tr>
<tr>
<td>Child Care</td>
<td>$492</td>
</tr>
<tr>
<td>Transportation</td>
<td>$890</td>
</tr>
<tr>
<td>Health Care</td>
<td>$617</td>
</tr>
<tr>
<td>Other Necessities</td>
<td>$492</td>
</tr>
<tr>
<td>Taxes</td>
<td>$611</td>
</tr>
<tr>
<td><strong>Monthly Total</strong></td>
<td><strong>$4,322</strong></td>
</tr>
<tr>
<td><strong>Annual Total</strong></td>
<td><strong>$51,861</strong></td>
</tr>
</tbody>
</table>

This is 11% of this person’s wages per month—which is LOW.

The average SC income (excluding top 1% of earners) is **$38,646**

The average SC child care worker makes **$20,370**

Prenatal Care and Preterm Births

7% of South Carolina mothers received late or no prenatal care.

The South Carolina preterm birth rate for all mothers is 11.20%

Percentage of Mothers Receiving Late or No Prenatal Care, by Race and Hispanic Origin: 2016

- Non-Hispanic white: 4%
- Non-Hispanic black: 9%
- Hispanic: 8%
- Asian or Pacific Islander: 6%
- American Indian or Alaska Native: 12%

These numbers were calculated from the total number (N=5,461) of SC low-weight babies, excluding those who indicated more than one race.
SC Preterm Birthrate by Race

Low Weight Babies by Race

- Non-Hispanic White
- Hispanic or Latino
- Black or African American
- Asian and Pacific Islander

Roadmap

SC Early Childhood Databook

How are the children?

Using data for action
Social Determinants of Health

- Economic Stability
- Education
- Social and Community Context
- Health and Healthcare
- Neighborhood & Built Environment

- The World Health Organization
What does “flourishing” mean?

Data Gaps

- No such thing as perfect data
  - Some sources with known limitations:
    - Child Care Aware
    - When Men Murder Women
    - PRAMS

- Doesn’t exist, hasn’t been collected, or extremely difficult to find
  - Workforce
  - Mental health
  - Head Start (protected dataset)
  - Oral health
  - Infant and Toddler Mortality/Injury
  - Child care
  - Insurance
Indicators we wish we had included...

- Maternal Mortality

Maternal mortality per 100,000 births (2018)
Discussion
Questions about methodology or data sources? Contact Amanda McDougald Scott at amcdougaldscott@instituteforchildsuccess.org

Databook available for download: https://www.instituteforchildsuccess.org/publication/2019-sc-databook/

Toolkit: https://www.instituteforchildsuccess.org/databook-toolkit/