DISPARITIES IN CHILDREN’S EDUCATION AND HEALTH

by

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Examining Early Child Development and Health (ECDH): The Intersections of Science, Policy, and Practice Symposium

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Acknowledgements
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Slide 2. Disparities in Children’s Education and Health for Three Family Income Groups

Children by Family Income

(1) Low-Income (bottom 20%)
(2) Middle-Class (middle 60%)
(3) High-Income (top 20%)
Very Good or Excellent Health for Three Income Groups: 1986-2007

Percent of Children with Very Good or Excellent Health

High-Income
Middle-Class
Low-Income

Year
1986
1990
1994
1998
2002
2006
Slide 5.
Health Insurance Coverage for Three Income Groups: 1985-2008

Percent Covered by Health Insurance

High-Income
Middle-Class
Low-Income

110
100
90
80
70
60
50
40
30
20
10
0

PreKindergarten Enrollment for Three Income Groups: 1986-2007

Percent of Children Ages 3-4 Enrolled in PreKindergarten

High-Income
Middle-Class
Low-Income
Race, Ethnic, Immigrant Origin Diversity among U.S. Children

- A majority of births are to non-White mothers
- 25% of all children have at least one immigrant parent
- 94% of children with immigrant parents, have origins in Latin America, Asia, Africa, or the Caribbean
- 89% of children with immigrant parents are U.S. citizens
- By 2018 a majority of children will belong to non-White minority groups
Slide 8. Children of Immigrants as a Percentage of Four Race-Ethnic Groups

- 8% of Whites (1-in-12)
- 14% of Blacks (1-in-7)
- 59% of Hispanics (Nearly 6-in-10)
- 87% of Asians (Nearly 9-in-10)

Source: Hernandez and Napierala (2013)

Source: Hernandez and Napierala (2013)
Slide 11. Percent Not Reading Proficiently, by Race-Ethnicity & Home Language
U.S. 4th Grade Students: 2011

Source: Hernandez and Napierala (2013)

Source: Hernandez and Napierala (2013)
Slide 13. Percent Not Graduating from High School across Reading, Poverty, and Race-Ethnic Groups

<table>
<thead>
<tr>
<th></th>
<th>Proficient</th>
<th>Not Proficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>16%</td>
<td>26%</td>
</tr>
<tr>
<td>Some Poverty</td>
<td>4%</td>
<td>22%</td>
</tr>
<tr>
<td></td>
<td>16%</td>
<td>31%</td>
</tr>
<tr>
<td></td>
<td>22%</td>
<td>33%</td>
</tr>
</tbody>
</table>

Source: Hernandez (2011)
Slide 14. Percent Experiencing One or More Year of Poverty, and Not Reading Proficiently in 3rd Grade

1+ Year Poverty
White ........... 31
Black ........... 63
Hispanic ....... 49

1+ Year Poverty & Reading Not Proficiently
White ........... 22
Black ........... 53
Hispanic ....... 41

Source: Hernandez (2011)
Slide 15. Percent Children Not in Excellent or Very Good Health, by Mother’s education: 2012

- Less Than High School: 29%
- High School Graduate: 20%
- Some College: 16%
- Bachelor Degree: 8%

- Less Than High School: 16%
- High School Graduate: 11%
- Some College: 8%
- Bachelor Degree: 4%
Slide 17. Percent Students Not Reading Proficiently in 8th Grade, by Parental Education: 2013

- Less Than High School: 84%
- High School Graduate: 79%
- Some College: 67%
- Bachelor Degree: 48%
Slide 18. Percent Children Not Enrolled in PreKindergarten, by Mother’s Education: 2012

- Less Than High School: 63%
- High School Graduate: 57%
- Some College: 46%
- Bachelor Degree: 36%

- Less Than High School: 40%
- High School Graduate: 14%
- Some College: 8%
- Bachelor Degree: 2%
Slide 20.
Two-Generation Programs for Low-Education, Low-Income Families

- High-quality PreK-3rd education
- Job training for a credential leading to high-wage/high demand jobs for parents
- Wrap-around family and peer support services to help children and parents realize the benefits of early education and job training
Align curriculum, standards, assessment

Consistent instruction/environments

PreK for ages 3-4, full-day kindergarten

Teachers BA and certified for PreK-3rd

Small class sizes

School-Family partnership
Slide 22. The Difference a High-Quality PreK-3rd Program Can Make (Child-Parent Centers)

- $8.24 return every $1.00 invested
- $1700 additional cost per child for Prek
- $1200 additional cost per child for k-3
Industries with well-paid jobs

With current and projected future demand

And well-defined pathways for educational advance and improved income

Via post-secondary education

Involving employers to insure participants’ new skills meet hiring needs
Slide 24.
Wrap-Around and Peer-Support Services

- Adult education, including ESL
- Career coaching, peer-community building
- Cash transfers & transportation subsidies
- Build savings for education, etc.
- Health, nutrition, food, housing
Slide 25.
Blend Federal Funding Streams

- Head Start/Early Head Start
- Child Care Development Fund (CCDF)
- Workforce Investment Act (WIA)
- TANF, SNAP, WIC
- ASSET ... Assets, Savings, Support, Education, and Training initiative of U.S. Administration for Children and Families
State and Local Agencies with...

Authority over a range of funding streams

Florida, Michigan, Texas, Utah, Washington

40 state governments fund PreKindergarten programs
Publicly-funded Prekindergarten could...

- Link to K-3 to create aligned PreK-3rd programs
- Link to high-quality job training
- Link to Wrap-around services
- Initiate or coordinate with other agencies that provide high-quality job training or wrap-around services
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