What we know from new insights from HELP's Monitoring System

Eliminate poverty & facilitate positive experiences

Martin Guhn
Our impoverished view of educational reform

Berlin, 2000
“The opposite of poverty isn’t wealth, but justice.”

Bryan Stevenson
What is ...
What is:
Child development and child poverty
Bibliography of the EDI

To cite the EDI please reference:


<table>
<thead>
<tr>
<th>Authors</th>
<th>Year</th>
<th>Title</th>
<th>Journal</th>
<th>Link</th>
<th>Keywords</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janus, M.</td>
<td>2009</td>
<td>Population-level approach to interpretation and utility of early child development school readiness data: the Early Development Instrument</td>
<td>Pedagogical Review</td>
<td>not available</td>
<td>population level</td>
</tr>
<tr>
<td>Hertzman, C. &amp; Williams, R.</td>
<td>2009</td>
<td>Making early childhood count</td>
<td>Canadian Medical Association Journal</td>
<td>Link</td>
<td>measurement systems, monitoring development</td>
</tr>
</tbody>
</table>
The Human Early Learning Partnership’s 2016-2019 Wave 7 Early Development Instrument (EDI) Report shows increasing vulnerability among young children over the last fifteen years, trending from 29.9% in the 2004-2007 Wave 2 report to 33.4%. The report noted that “half of childhood vulnerability on the EDI can be explained by socio-economic characteristics.” This includes factors like income and wealth.

Child development and income

There is no high income – high vulnerability neighborhood in Canada
Social gradients vary by province
EDI vulnerability by SES Index Quintile

Percent Vulnerable, One or More Domains, Time 1

CanNECD SES Index, Quintiles, Time 1

- Alberta
- British Columbia
- Ontario
- Quebec
BC & Alberta
Steep income gradient
17% gap
BC & Alberta
Ontario & Quebec
Lower & flatter gradients

Steep income gradient
17% gap

10-13% gap
Understanding variability

EDI vulnerability rate

Median income
The Anti-Discrimination Data Act
We recommend the development of legislation that is focused on building respectful relationships with marginalized communities to ensure that community needs and voices are meaningfully included in the data collection, use and disclosure process.

Health care
Policing
Corrections
Poverty reduction & housing
Education
Children and Family development
A COMPREHENSIVE CHILD MONITORING SYSTEM

- Parent-completed
- Parent-completed
- Teacher-completed
- Student-completed

- Toddlers
- Kindergarten
- Grade 4
- Grade 7
- Grade 10

- TDI
- CHEQ
- EDI
- MDI
- MDI
- YDI

- 18M
- 0-5Y
- 5Y
- 9Y
- 12Y
- 15Y
TODDLER DEVELOPMENT INSTRUMENT

1. Child Activities
2. Health-related behaviors and resources
3. Caregiver Well-being & Context
4. Social Supports
5. Community Resources
Income in equality early childhood experiences
Children drinking water (more than once per day) by income level

- Under $20,000
- $20,000 to $49,999
- $50,000 to $74,999
- $75,000 to $99,999
- $100,000 to $149,999
- $150,000 or more
Reading/telling stories with children (one or more times a day) by income level
Children had their teeth checked by a professional; by income level.
Completed recommended immunizations by income

- Under $20,000
- $20,000 to $49,999
- $50,000 to $74,999
- $75,000 to $99,999
- $100,000 to $149,999
- $150,000 to $199,999
- $200,000 or more

Herd immunity
Someone in the household went hungry; by income

- Under $20,000: 12%
- $20,000 to $49,999: 8%
- $50,000 to $74,999: 2%
- $75,000 to $99,999: 1%
- $100,000 or more: 0%
Children drinking sweetened beverages (more than once per day); by income

- Under $20,000
- $20,000 to $74,999
- $100,000 or more
Children’s screen time (two or more hours per day); by income

- Under $20,000
- $20,000 to $49,999
- $50,000 to $74,999
- $75,000 to $99,999
- $100,000 to $149,999
- $150,000 or more
Children’s exposure to smoking; by income

- Under $20,000: 20%
- $20,000 to $49,999: 10%
- $50,000 to $74,999: 15%
- $75,000 to $99,999: 7%
- $100,000 or more: 5%
“The opposite of poverty is …

…?”

Bryan Stevenson
“The opposite of poverty is not wealth, but justice.”

Bryan Stevenson
Disaggregating data

• Delving more deeply into a set of results to highlight issues that pertain to individual subsets of results. Collective or aggregate data can be broken down or disaggregated, for instance, by: urban/rural location, income, socio-cultural background, political/administrative units, ....

• Can expose hidden trends, & enable the identification of vulnerable populations, or establish the scope of the problem and make vulnerable groups more visible to policy makers.
Disaggregating data

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2020 BC CHILD POVERTY REPORT CARD
Child Poverty Rates, Canada and British Columbia, CFLIM After Tax, 2000-2018

Source: Statistics Canada. Table 11-10-0018-01
Child Poverty Rate by Family Type, CFLIM-AT, British Columbia, 2000-2018

Poverty rate for children 0-17 years in **lone-parent** families

Poverty rate for children 0-17 years in **couple** families

Source: Statistics Canada, Table 11-10-0018-01, 2018
Child (0-17 year old) poverty rate, 45 BC First Nations reserves, CFLIM-AT, 2016

All 45 reserves with data available 3,960 children 44.1%

Child (0-17 year old) poverty rate, 42 BC First Nations reserves, CFLIM-AT, 2018

All 42 reserves with data available 3,500 children 40.7%

Source: Statistics Canada. Table I-13, Community Data Program, 2018
What could be ...
Action on ....

Housing
Families,
Children & Youth
Education
Employment
Income Supports
Social Supports

TogetherBC
British Columbia’s
Poverty Reduction Strategy
Our Vision

Vision

All children thriving in healthy societies.

Clyde Hertzman
Proportionate Universality

Universal access at a **scale and intensity** that addresses barriers at every level

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**EDI**

- High vulnerability
- Low vulnerability

**SES**

- Disadvantaged
- Advantageous

Gradient flattened at both ends of the SES spectrum, but proportionate to level of risk
What could be:
No poverty &
equal access to resources
→ all children thriving
Utopian?
Who pays for this?
Canadian corporations dodged up to $11B in taxes in a year

CBC News · Posted: Jun 18, 2019
Billionaires' wealth rises to $10.2 trillion amid Covid crisis

The Guardian · Wed 7, Oct 2020
50% of EDI vulnerability associated with SES
Provincial differences in EDI vulnerability

- BC & Alberta: Steep gradient
- Ontario & Quebec: Lower, flatter gradient
Proportionate Universality

Percent Vulnerable, One or More Domains, Time 1

Lower, flatter gradient

CanNECD SES Index, Quintiles, Time 1

Alberta, British Columbia, Ontario, Quebec

Legend
Poverty reduction

Proportionate Universality

TogetherBC
British Columbia’s Poverty Reduction Strategy

Percent Vulnerable, One or More Domains, Time 1

CanNECD SES Index, Quintiles, Time 1
Proportionate Universality

TogetherBC
British Columbia's Poverty Reduction Strategy

Poverty reduction

This could be.

This is.
“The opposite of poverty is *justice*.”

Bryan Stevenson
QUESTIONS?

Exploring ‘What is’ and ‘What could be’ for BC’s Children and Families
HELP in Dialogue:
How ambitious do we think we can be in reducing early childhood vulnerability?