

GREY BRUCE HEALTH UNIT



Grey Bruce School Boards'
Annual Community Planning and Partnership Meeting
May 14th, 2019
Alanna Leffley, Senior Epidemiologist

Demographic Profile of Grey Bruce

Population

- 161,977 live in Grey Bruce
- Low growth (2.1% in Grey Bruce vs. 4.6% in Ontario)

Age Structure

- Older on average: average age: 45.1 in Grey Bruce (Ont. 41.0)
- More seniors 65+: 23.9% of Grey Bruce population (Ont. 16.7%)
- Fewer children 0 to 14: 15.2% of Grey Bruce population (Ont. 16.4%)

Source: Statistics Canada - 2016 Census Profiles

Demographic Profile of Grey Bruce

Youth Education (15 to 24)

- Youth & young adults in Grey Bruce less likely to be **without a high school diploma**, equally likely to go to post-secondary

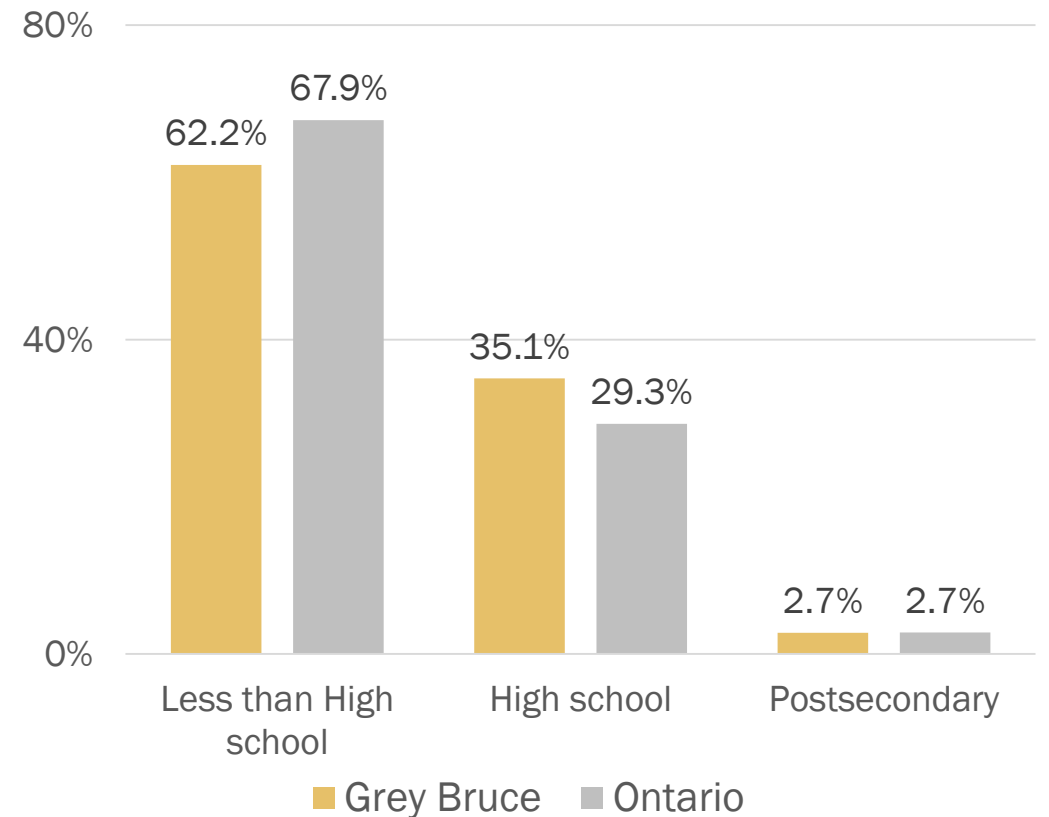
Children (0 to 17) in Low Income

- 20% in Grey
- 18% in Bruce
- vs. 18% in Ontario

Youth Unemployment (15-24 yrs)

- 15% in Grey
- 14% in Bruce
- vs. 18% in Ontario

Educational Attainment 15-24 yrs, 2016



Demographic Profile of Grey Bruce

Reproductive Health

In 2018, approx. 1639 live births

- *birth rates have increased by 3.75% in Grey Bruce*

Trends show:

- ¼ MORE births in Grey than Bruce County
- Most births: Owen Sound, Kincardine
- Least births: Northern Bruce Peninsula, The Blue Mountains

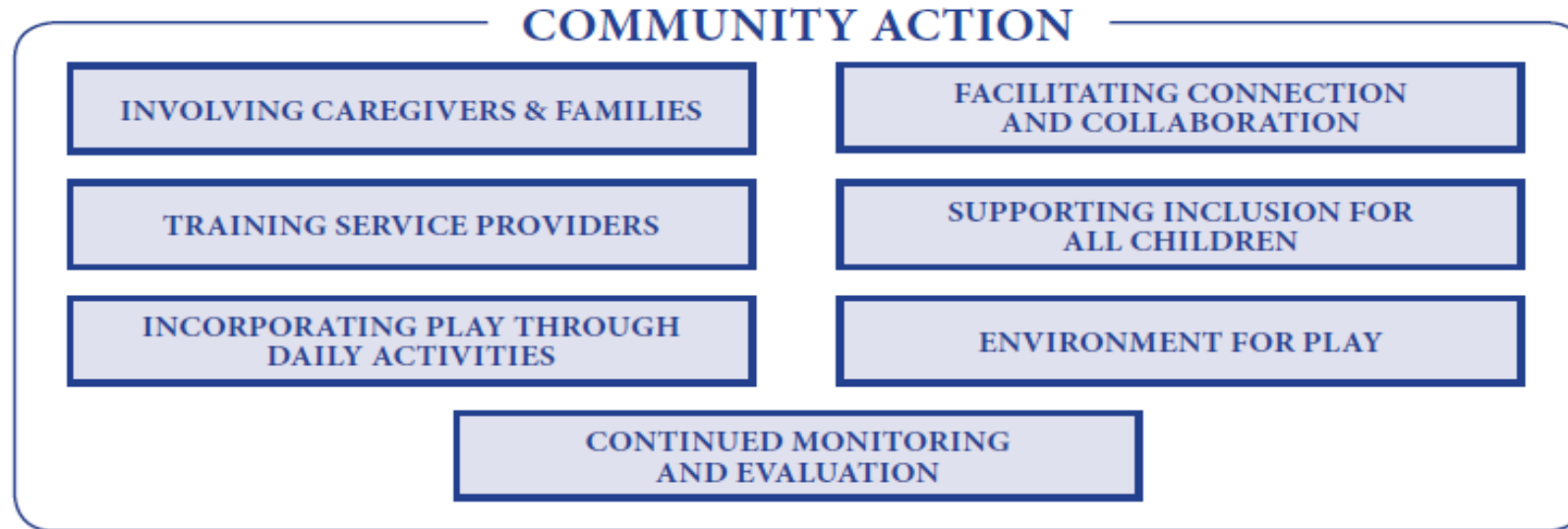




Call-to-Action

Developing Skills for Learning:
Recommendations to Improve the Motor Development of
Children in Grey Bruce

Strategies for Action



Partnerships involving key sectors are important in forming local solutions and supporting community action.

KEY SECTORS

- Childcare and Early Learning Centres
- Health Care Providers and Early Intervention Services
- School Boards, Schools & Educators
- Municipalities and Community Organizations
- Parents and Caregivers

Resources

www.publichealthgreybruce.on.ca

- Call-to-Action Paper
- Summary of a Call-to-Action



A SUMMARY OF A CALL-TO-ACTION PAPER

DEVELOPING SKILLS FOR LEARNING: FOUNDATIONS OF MOTOR SKILL DEVELOPMENT OF CHILDREN IN GREY BRUCE

WHAT IS THE ISSUE?
Early Development Instrument (EDI) measurements show that children in Grey Bruce are consistently more likely than Ontario children to score as vulnerable in the Physical Health and Well-Being domain. This includes fine and gross motor skill development. Vulnerability means children are at risk of encountering difficulties in the school years and beyond.



Category	EDI Cycle	GB (%)	ON (%)
All	1	~18	~12
	2	~17	~11
	3	~16	~10
	4	~19	~13
F	1	~15	~10
	2	~14	~9
	3	~14	~9
	4	~16	~11
M	1	~21	~14
	2	~20	~13
	3	~20	~13
	4	~22	~15

Percentage of Children Scoring in the Vulnerable Range in the Physical Health and Well-being Domain by EDI Cycle and Sex, Grey Bruce and Ontario.

WHAT IS THE EARLY DEVELOPMENT INSTRUMENT (EDI)?
The Early Development Instrument (EDI) is a validated tool used widely across Canada to measure a child's developmental health and well-being at school entry in five key domains. The Physical Health and Well-Being domain covers three subdomains: physical readiness for the school day, physical independence, and gross and fine motor skills.

FINE AND GROSS MOTOR SKILLS

- Holding a pencil
- Manipulating objects
- Jumping
- Coordination and Balance
- Running
- Climbing

GREY BRUCE HEALTH UNIT | 2019

In-School Services from Public Health

In 2017/18 school year, Health Unit staff held **192 school vaccine clinics** and over **5088 dental screenings** in publically funded schools across Grey Bruce.

- *Space requirements will remain similar as previous years.*
- *Clinical services space need to be private, easy to access and safe for both students and public health staff.*
 - o Access to wifi, adult chairs and desks, plugs, sinks would be helpful
- *Flexible hours (outside of school time) would facilitate access for Public Health to meet with parents/professionals for consultation and/or program planning purposes.*

Other Areas of Collaboration

- GBHU will continue to partner with users of school kitchens (school programs, Breakfast and Before & After School Programs)
 - *interested in discussing options to meet the new requirements for a certified food handler to be onsite for breakfast and before/after school programs*
 - *help facilitate communication among users of the kitchen space to improve food safety practice, share Best Practice resources, support/enhance the provision of healthy food choices*
- GBHU will continue to consult with schools on issues related to smoking and vaping on school property, student illness absenteeism and infection control
- Encourage providing “safe spaces/community service rooms” for youth within each school and adopt best practice youth mental health strategies

School Health Activities

- Public Health Nurses - linked to a group of schools in Grey Bruce
- Healthy School Toolkit – resources, curriculum support
- Roots of Empathy – 16 classrooms participated
- Youth Mental Health & Addictions Project – in 19 schools and 144 elementary peer champions trained
- Youth Tobacco & Vaping - prevention & cessation activities to youth, providing supports, curriculum to schools



THANK YOU

a.leffley@publichealthgreybruce.on.ca

<https://www.publichealthgreybruce.on.ca/healthstats/>

