Canadian kids need to mo

2018

The ParticipACTION Report Card on Physical Activity for Children and Youth

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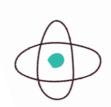
to download the Full Report and other tools and resources.

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#### **GRADE**





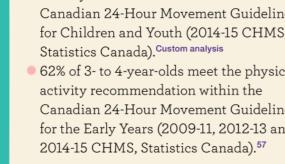






# Canadian kids aren't

35% of 5- to-17-year-olds meet the physical activity recommendation within the Canadian 24-Hour Movement Guidelines for Children and Youth (2014-15 CHMS, Statistics Canada). Custom analysis 62% of 3- to 4-year-olds meet the physical activity recommendation within the Canadian 24-Hour Movement Guidelines for the Early Years (2009-11, 2012-13 and 2014-15 CHMS, Statistics Canada).57



active enough.



Active Play & Leisure Activities

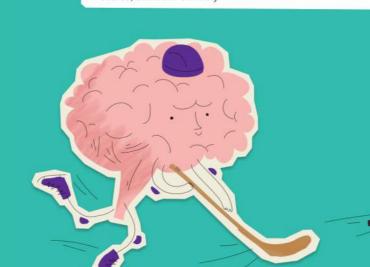
20% of 5- to 11-year-olds in Canada spend several hours a day (>  $\acute{2}$  hours) in unorganized physical activity, according to their parents (2014-15 CHMS, Statistics Canada). Custom an 37% of 11- to 15-year-olds in Canada report playing outdoors for several hours a day (> 2 hours) outside of school hours (2013-14 HBSC, WHO/PHAC). Custom analysis



**Organized Sport Participation** 

(2014-16 CANPLAY, CFLRI).106

According to parents, 77% of 5- to 19-year-olds participate in organized physical activity or sport (2014-16 CANPLAY, CFLRI).145 According to parents, 46% of 3- to 4-year-olds spend time in physical activity through participation in organized lessons, or league or team sports (2012-13 and 2014-15 CHMS, Statistics Canada). Custom analysis



**Physical Education** According to school administrators who reported on physical education time, 33% of grade K-8 students in Canada are getting at least 150 minutes of physical education (PE) per week (2015 OPASS, CFLRI). Custom analysis 72% of high school students in Canada are taking PE, according to school administrators (2015 OPASS, CFLRI). Custom analysis

61% of students in grades 9 to 12 in Alberta, British Columbia, Nunavut, Ontario and Quebec are taking a PE class in the current school year (2016-17 COMPASS University of Waterloo). Custom analysis

#### **Sedentary Behaviours**

The proportion of children and youth in Canada meeting the screen time recommendation within the Canadian 24-Hour Movement Guidelines for Children and Youth varies considerably (6-54%) by dataset and age group. 24% of 3- to 4-year-olds in Canada meet the screen time recommendation within the Canadian 24-Hour Movement Guidelines for the Early Years (2009-11, 2012-13 and 2014-15 CHMS, Statistics Canada).55

Statistics Canada).57

Approximately three quarters of 5- to 17-year olds in Canada meet the sleep recommendation within the Canadian 24-Hour Movement Guidelines for Children and Youth (2014-15 CHMS, Statistics Canada).52 84% of 3- to 4-year-olds in Canada meet the sleep recommendation within the Canadian 24-Hour Movement Guidelines for the Early Years (2009-11, 2012-13, 2014-15 CHMS, Statistics Canada).<sup>57</sup>

## 24-Hour Movement

15% of children and youth in Canada meet all three recommendations within the Canadian 24-Hour Movement Guidelines for Children and Youth (2014-15 CHMS, Statistics Canada). Custom analysis 13% of 3- to 4-year-olds in Canada meet all three recommendations of the Canadian 24-Hour Movement Behaviours for the Early Years (2009-15 CHMS,

### Individual Characteristics



36% of 8- to 12-year-olds in Canada assessed by the Canadian Assessment of Physical Literacy (CAPL)

**Physical Fitness** 

9- to 12-year-olds in Canada are at the 28th percentile, on average, for cardiorespiratory fitness based on age- and sex-specific international normative data<sup>253</sup> (2014-17 CAPL, HALO).<sup>Custom analysis</sup>

### Settings & Sources of Influence



92% of students in grades 9 to 12 in Alberta, British Columbia, Nunavut, Ontario and Quebec report having parents/step-parents/guardians who support them in being physically active (2016-17 COMPASS, University of Waterloo). Custom analysis 36% of parents in Canada with 5- to 17-year-olds report typically playing active games with their kids (based on a subsample of the 2014-15 PAM, CFLRI). Custom analysis

meet or exceed the minimum level recommended for physical literacy. (2014-17 CAPL, HALO).<sup>237</sup>



74% of school administrators in Canada report that they use a PE specialist to teach PE in their school (2015 OPASS, CFLRI).297 48% of school administrators in Canada report having a fully implemented policy to provide daily physical education to all students (2015 OPASS, CFLRI).<sup>296</sup>



Community &

35% have formal strategies for physical activity and sport opportunities (2015 SPAOCC, CFLRI).317 Less than 20% of parents report that crime, traffic or poorly maintained sidewalks are an issue in their neighbourhood (based on a subsample of the 2014-15 PAM, CFLRI). Custom analys

#### Strategies & Investments

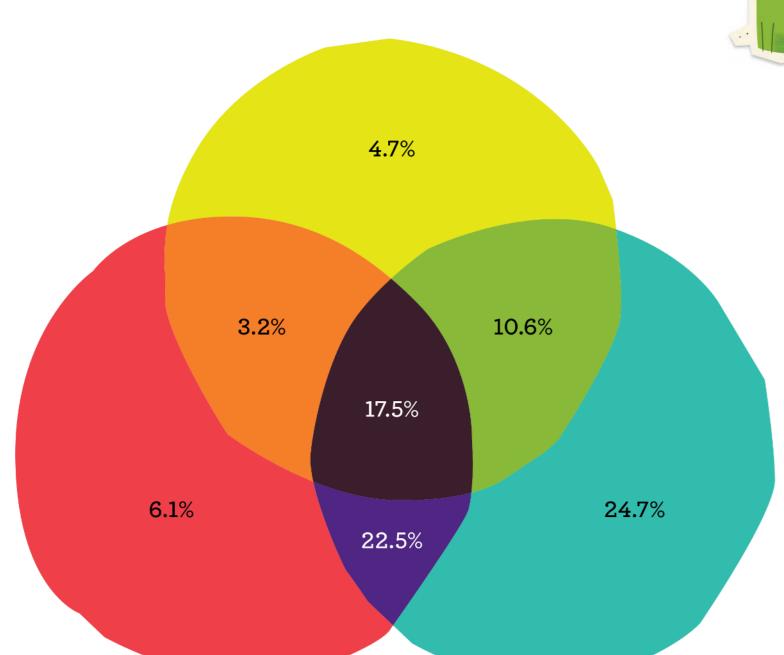
The 2018 federal budget highlighted the government's commitment to improving the country's physical activity levels by pledging to invest \$5 million per year

for five consecutive years (totalling \$25 million) to ParticipACTION.<sup>339</sup> The federal budget also announced \$30 million over three years to support data, research and innovative practices to promote women's and girls' participation in sport. An additional \$47.5 million over five years,

and \$9.5 million per year ongoing, was allocated to



## **Physical Activity (36.0%)**



**Screen Time (49.3%)** 

**Sleep Duration (75.3%)** 

(10.7% met none of the guidelines)

**Figure.** Venn diagram illustrating the proportion of 5- to 17-year-olds in Canada meeting various combinations of recommendations within the Canadian 24-Hour Movement Behaviour Guidelines for Children and Youth (source: Roberts et al, 2017<sup>54</sup>).

# The Science Is In

#### KIDS + STEPS + SWEAT = **HEALTHIER BRAINS**

Indigenous sport.339

### Kids need to drop the

phones, turn away from the screens, get off the couch and break a sweat. It's time for them to get moving more - for the sake of their brains.

For decades we've known that physical activity improves heart health, helps maintain healthy body weights and builds strong bones and muscles in kids across a range of skills and abilities. 1,2,3,4,5,6,7,8,9,10,11,12,13, 14,15,16,17,18,19,20,21,22,23,24,25 Now we are

taking a closer look at what physical activity does for one of their most vital and complex organs: the brain.

The data around physical activity are alarming: on average, kids are still sitting too much and moving too little to reach their full potential.

Only 35% of 5- to 17- year-olds are reaching their recommended physical activity levels as outlined in the Canadian 24-Hour Movement Guidelines for Children and Youth. Just 62% of 3- to 4-year-olds are achieving the recommended activity levels for their age group. In addition, 51% of 5- to 17-year-olds and 76% of 3- to 4-year-olds are engaging in more screen time than is recommended by the Canadian 24-Hour Movement Guidelines for recreational screen-based sedentary behaviours.

Why does this matter? It's all about the brain + body equation.

There are important connections between the health of the body and of the brain, connections that must be fostered in order for kids to reach their mental, emotional and intellectual potential. Kids' bodies have to move to get the wheels in their brains turning. They need to be active. Their brain health depends on it. A growing body of evidence indicates

that physical activity in childhood is essential for a healthy brain and leads to improved:

- thinking and learning
- emotional regulation and self-control
- problem-solving ability
- \* memory
- \* brain plasticity the growth of new brain tissue
- \* stress management
- ability to cope with anxiety and depressive symptoms
- \* self-esteem and self-worth
- \* attention and focus
- + Adding more physical activity to kids' routines could be the missing part of the equation to support their success in the classroom, on the field, and with their friends.

