## Impact of the COVID-19 Pandemic on the Movement Behaviours of Canadian Children and Youth with Disabilities: Baseline Survey Results



Parents play a key role in supporting their child's movement behaviours!

In comparison to before the pandemic and related restrictions:



In Spring 2020, researchers from the National Physical Activity Measurement (NPAM) Study conducted a survey among 151 parents of a child with a disability to understand how the COVID-19 pandemic has impacted their child's movement behaviours (i.e., physical activity, sedentary behaviour, and sleep) and overall health.

In comparison to before the pandemic and related restrictions:



# 60%

of children and youth engaged in less outdoor physical activity



## 44%

of children and youth engaged in less walking, wheeling, or biking



# **55%** of parents

encouraged their child more often to do physical activity or sport



## **61%** of parents

encouraged their child more often to do chores around the house



## 84%

of children and youth engaged in more recreational screen time (e.g., watching TV, using the computer)



## **57%**

of children and youth experienced the same quality of sleep



# **47%** of parents

did a physical activity or sport more often with their child



## **59%** of parents

encouraged their child more often to take breaks from screens



# 34% of parents

encouraged their child more often to get enough sleep



of children and youth experienced a decline in the quality of the balance of their movement behaviours



## **17%**

of children and youth experienced a decline in their health (e.g., mental health challenges, joint and muscle pain)

Despite these challenges, children and youth, and their families, started new indoor and outdoor hobbies!









Reading



Family walks



Gardening





Trampolining Bicycling

Every day is different as we continue adjusting to the pandemic. Staying active and reducing sedentary behaviours is a commonly experienced challenge, especially now with restrictions on recreation and programming. What matters is being mindful of finding the appropriate balance of physical activity, sleep, and sedentary behaviours for your child.

Although we should try to reduce our time spent using screens, it's a normal part of life and is how many children are currently attending school and staying socially connected.

Encourage your child to take mini movement breaks away from the screens throughout the day. Try a stand break, using a stander, or playing around the house!

It's important to get outside and enjoy the fresh air and sun, even for just a few minutes. These small breaks will provide several benefits to your and your child's health!



Based on recommendations from parents, here are a few ways we plan to share our study findings:



**Academic papers in** peer-reviewed journals



**Organizations who** work with children and youth in the area of sport and recreation



**Disability** organizations



Local media and government

We thank all parents for their recommendations and are committed to sharing your thoughts with those who a play key role in policy- and decision-making.

<sup>&</sup>lt;sup>T</sup> The NPAM Study is a national study on the movement behaviours and mental health of Canadian school-aged children and youth with disabilities, led by Dr. Kelly Arbour-Nicitopoulos at the University of Toronto. This NPAM COVID-19 substudy included a baseline and 6-month follow-up survey between May and November 2020. Follow-up survey results will be shared in early 2021.