Impact of the COVID-19 pandemic on youth well-being in British Columbia: Findings from the Middle Years Development Instrument (MDI) - COVID-19 Module - Coquitlam

A total of 2038 students (51% male, 47% female, 3% in another way; mean age: 14) responded to the COVID-19 survey module asking questions about their experiences during the pandemic. This survey was implemented as part of the Middle Years Development Instrument survey in the school district of Coquitlam (SD43). Responses were collected in January-March 2021, approximately 10-12 months after the COVID-19 pandemic was declared. Key findings from the data are summarized below.

Key Finding: Nearly half of the students (46%) reported feeling either slightly or somewhat worried; 17% of students reported that they were either very or extremely worried that their mental/emotional health was influenced by the pandemic during the past 2 weeks.

Figure 1: During the past 2 weeks, how worried have you been about your mental/emotional health being influenced by the pandemic?

Mental health and coping during the COVID-19 pandemic
Activities that helped students cope with the worries and stress related to the pandemic included: connecting with friends and family either in-person or virtually or engaging in activities such as exercising, spending time outdoors, or exploring their interests.

Figure 2: What has helped you deal/cope with worries and stress related to the COVID-19 pandemic? (Select all that apply)
Changes in social connections during the COVID-19 pandemic

**Key Finding:** Despite the challenges of the pandemic, the majority of students indicated that their relationships with parents or other adults at home, and with friends, stayed about the same compared to before the pandemic (50% for adults at home; 38% with friends) or improved (34% with adults at home; 46% with friends). Regarding their relationships with teachers or other adults at school, most students (71%) reported their relationships stayed about the same. A smaller proportion of students reported that their relationships got worse with parents or other adults at home (16%), with friends (16%), or with teachers or other adults at school (10%).

Figure 3: From before the COVID-19 pandemic to now have your relationships gotten worse or better?

Compared to before the pandemic most students reported spending less time with friends in person (71%). Students also reported spending more time with their friends online (68%) and with the family members in their home (58%). With regard to changes in time spent outdoors, 33% of students reported spending about the same amount of time outdoors, 32% reported more time outdoors, and 35% reported less time outdoors.

Figure 4: How did time spent change from before the pandemic to now?
Engaging in COVID-related safety behaviours during the COVID-19 pandemic

Key Finding: A large proportion of students reported that it was a little or very easy to wear a mask (83%), wash hands or use hand sanitizer (86%), or stay home when sick (84%). Comparatively, a smaller proportion of students reported that it was a little or very easy to practice physical distancing (51%) and to avoid big groups (57%).

While the majority of students reported feeling always safe (26%) or safe most of the time (40%) from getting COVID-19 at school, 26% of students reported feeling safe some of the time, and 8% of students reported feeling never safe from getting COVID-19 at school.
School activities students report missing during the COVID-19 pandemic

**Key Finding:** Students reported missing several aspects of their day-to-day life at school. Most frequently, students missed field trips (84%), class parties (63%), and participation in school sports clubs (55%).

Figure 7: What do you miss the most at school during COVID-19 pandemic? (Select all that apply)

- Field trips: 84%
- Class parties: 63%
- School sports clubs: 55%
- Assemblies: 31%
- Typical instruction: 28%
- Going to library during free time: 25%
- Other school clubs: 23%
- Choir, strings, band: 15%
- Little buddies reading program: 9%
- Lunch monitor/Park monitor: 8%
- Other (describe): 26%

**Voices:** Examples of other aspects of school that students report missing include...

- “Being able to see other friends and hug them during recess or lunch”
- “Being able to freely walk around the school with anyone”
Positive changes that students report during the COVID-19 pandemic

**Key Finding**: Some students also noted positive changes that had occurred during the pandemic. The most frequently mentioned positive changes were having more time to themselves (58%), exploring other interests (44%) and spending more time with family members (42%). 21% of students reported that there were no positive changes that occurred during the pandemic.

**Figure 8**: What are some positive changes that have occurred in your life during the COVID-19 pandemic? (Select all that apply)

- Having more time to yourself: 58%
- Exploring other interests: 44%
- Spending more time with family members: 42%
- Getting more sleep: 33%
- Spending more time with friends: 30%
- Helping others more: 10%
- There were no positive changes: 21%
- Other (describe): 9%

**Voices**: Examples of other positive changes that students report include...

- “6 months off school made me a better person and see who I really am. I was happy with myself, unlike when I’m at school”
- “I’m just enjoying life and happy I’m safe and am more appreciative”

School districts and communities can utilize data from their local MDI reports to make comparisons between MDI data collected before and during the global pandemic, as well as use their MDI data to follow groups of children over time, taking their local context into consideration. For more practical strategies, tools and resources to assist in understanding and supporting children’s well-being and positive development in the middle years, visit Discover MDI – the Field Guide for the MDI, or contact the Human Early Learning Partnership (HELP) MDI team at mdi@help.ubc.ca
Acknowledgements

We gratefully acknowledge the individuals who generously gave their time, expertise, and feedback in the production of this report:

• Jeremy Higgs, Governance and Analytics Division, BC Ministry of Education
• Nicole Gardner, Governance and Analytics Division, BC Ministry of Education
• The BC students who took the time to complete the survey and share their experiences with us, and the students, teachers, education staff, and school/district administrators who offered their guidance on the original survey content

We express our deep gratitude to the xʷməθkʷəy̓əm (Musqueam) Nation for the privilege of working on their traditional, ancestral, and unceded territory at the Point Grey Campus of the University of British Columbia.

This report was produced and published by the University of British Columbia’s Human Early Learning Partnership (HELP), June 2021. It was funded by a Social Sciences and Humanities Research Council (SSHRC) COVID-19 Partnership Engagement Grant, which was received in partnership with the BC Ministry of Education. All inferences, opinions, and conclusions drawn in this report are those of the authors, and do not reflect the opinions or policies of the BC Ministry of Education.

Suggested Citation: