# **Literacy Matters** | Fact Sheet

"Literacy is the ability to identify, understand, interpret, create, communicate and compute, using printed and written materials associated with varying contexts. Literacy involves a continuum of learning in enabling individuals to achieve their goals, to develop their knowledge and potential, and to participate fully in their community and wider society."

- UNESCO 21

### **Literacy in British Columbia**

- More than 700,000 British Columbians have significant challenges with literacy.19
- 45% of British Columbians aged 16 to 65 may have difficulty understanding newspapers, following instruction manuals, reading health information and other daily living tasks. 19
- 52% of British Columbians aged 16 to 65 may have difficulty calculating interest on a car loan, using information on a graph, calculating medicine dosage and other daily living tasks.<sup>19</sup>

#### In Canada, some groups are more likely to experience literacy challenges. They include:

- Canadians with fewer years of schooling<sup>10</sup>
- Immigrants<sup>10, 20</sup>
- Indigenous peoples8, 10
- Older Canadians<sup>6, 19</sup>

#### At home

- Literacy matters for health. Canadians with stronger literacy skills enjoy better health. 10 Literacy skills help people find, understand and use health information.16
- Literacy matters for managing personal finances. Numeracy is a key factor in financial literacy.<sup>2, 18</sup>
- Literacy matters for understanding rights and responsibilities. It helps people understand what to do in legal proceedings.<sup>7</sup>
- Literacy matters for inclusion in our digital society. Digital literacy helps people access programs and services, and bolsters social connections.15
- A parent's literacy involvement in their children's activities matters for developing young children's literacy skills.11 Having books and reading aloud at home are significant ways to support children's long term literacy skills.4,17

#### At work

- Literacy matters for employment. Strong literacy skills are connected to being employed. 19, 20
- Literacy matters for earnings. Stronger literacy skills are associated with earning higher wages. 15, 20
- · Literacy matters for health and safety. Understanding and following health and safety instructions can be critical for personal safety.5
- Literacy matters for success at work. Improving literacy skills can increase efficiency and accuracy at work and can decrease work-related stress.12
- Literacy matters for employers. Employers need digitally literate employees to increase productivity, boost sales, offer better services and generate revenue.3
- Literacy matters for adult education. People with stronger literacy skills are more likely to participate in adult education and job-related training.9

### In the community

- Literacy matters for community participation. Canadians with stronger literacy skills are more likely to volunteer. 10
- Literacy matters for political involvement. Canadians with higher skills are more likely to feel they can influence government.10
- Research indicates that literacy skills may be an important factor in interpersonal communication, community participation and inclusion.<sup>10</sup>
- Equitable digital access and having the skills to navigate the digital realm ensures full participation of all members of a community in digital technologies.13

"... literacy is the great enabler when it comes to unlocking the potential of individuals." - Craig Alexander<sup>1</sup>







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#### References

- Alexander, Craig. (2022, May 6). An Economics Perspective on Canada's Literacy Challenge [Conference presentation]. Decoda Literacy Conference 2022. <a href="https://youtu.be/z9NwQGClxWE">https://youtu.be/z9NwQGClxWE</a>
- Angrisani, M. et al. (2020). The Stability and Predictive Power of Financial Literacy: Evidence from Longitudinal Data. National Bureau of Economic Research Working Paper Series. <a href="https://www.nber.org/system/files/working\_papers/w28125/w28125.pdf">https://www.nber.org/system/files/working\_papers/w28125/w28125.pdf</a>
- 3. Asliturk, E. et al. (March, 2016). Skills in the Digital Economy:

  Where Canada Stands and the Way Forward. Information and

  Communications Technology Council. <a href="https://www.ictc-ctic.ca/wp-content/uploads/2016/05/Skills-in-the-Digital-Economy-Where-Canada-Stands-and-the-Way-Forward-.pdf">https://www.ictc-ctic.ca/wp-content/uploads/2016/05/Skills-in-the-Digital-Economy-Where-Canada-Stands-and-the-Way-Forward-.pdf</a>
- Brochu, P. et al. (2016). PIRLS/ePIRLS 2016: Canada in Context: Canadian Results from the Progress in International Reading Literacy Study. <a href="https://www.cmec.ca/Publications/Lists/">https://www.cmec.ca/Publications/Lists/</a> Publications/Attachments/385/PIRLS2016-Report-EN.pdf
- Campbell, A. (2010). What you don't know can hurt you: Literacy's impact on workplace health and safety. <a href="http://en.copian.ca/library/research/cboc/whatyoudontknow/whatyoudontknow.pdf">http://en.copian.ca/library/research/cboc/whatyoudontknow/whatyoudontknow.pdf</a>
- 6. Canadian Council on Learning. (2006). Never too old to learn: Seniors and learning in Canada. <a href="http://en.copian.ca/library/research/ccl/lessons-learning/never-too-old/never-too-old.pdf">http://en.copian.ca/library/research/ccl/lessons-learning/never-too-old/never-too-old.pdf</a>
- Council of Canadian Administrative Tribunals. (2005). Literacy and access to administrative justice in Canada: A guide for the promotion of plain language. <a href="www.en.copian.ca/library/research/accjus-e/accjus-e.pdf">www.en.copian.ca/library/research/accjus-e/accjus-e.pdf</a>
- Council of Ministers of Education, Canada & Indigenous Services
  Canada. (2021). Adult Competencies among Indigenous Peoples
  in Canada: Findings from the first cycle of the Programme for the
  International Assessment of Adult Competencies (PIAAC). https://
  www.cmec.ca/Publications/Lists/Publications/Attachments/421/
  PIAAC 2012 %20Adult Competencies among Indigenous
  Peoples in Canada EN.pdf
- Council of Ministers of Education, Canada & Employment and Social Development Canada. (2021). Adult Learning and Foundational Skills: Findings from the first cycle of the Programme for the International Assessment of Adult Competencies (PIAAC). <a href="https://www.cmec.ca/Publications/Lists/Publications/Attachments/422/PIAAC">https://www.cmec.ca/Publications/Lists/Publications/Attachments/422/PIAAC</a> 2012 %20Adult Learning and Foundational Skills in Canada EN.pdf
- Council of Ministers of Education, Canada & the Public Health
  Agency of Canada. (2017). The health and social dimensions of adult
  skills in Canada: Findings from the Programme for the International
  Assessment of Adult Competencies (PIAAC). https://www.cmec.
  ca/Publications/Lists/Publications/Attachments/378/PIAAC-2012Health-and-Social-Dimensions-Canada-EN.pdf

- 11. Dong, Y. et al. (2020). The Effects of Home Literacy Environment on Children's Reading Comprehension Development: A Meta-Analysis. *Educational Sciences: Theory and Practice, v. 20*(2), 63-82. <a href="https://files.eric.ed.gov/fulltext/EJ1251494.pdf">https://files.eric.ed.gov/fulltext/EJ1251494.pdf</a>
- 12. Fowler, H.S. et al. (2016). UPSKILL Health Technical report on worker and business outcomes: Social Research and Demonstration Corporation. <a href="https://www.srdc.org/media/199892/upskill-health-worker-and-business-outcomes.pdf">https://www.srdc.org/media/199892/upskill-health-worker-and-business-outcomes.pdf</a>
- Hadziristic, T. (April 2017). The State of Digital Literacy in Canada: A Literature Review. The Brookfield Institute for Innovation + Entrepreneurship. <a href="https://brookfieldinstitute.ca/wp-content/uploads/BrookfieldInstitute\_State-of-Digital-Literacy-in-Canada\_Literature\_WorkingPaper.pdf">https://brookfieldinstitute\_State-of-Digital-Literacy-in-Canada\_Literature\_WorkingPaper.pdf</a>
- Information and Communications Technology Council. (2016). *Innovation Agent Project (SEED)*. https://www.ictc-ctic.ca/wp-content/uploads/2016/12/ICTC\_Innovation-Agent-Report.pdf
- 15. Lalonde, P. et al. (2019). *Literacy and Essential Skills as a Poverty Reduction Strategy: National Research Report*. Frontier College. <a href="https://www.frontiercollege.ca/getattachment/6705c18a-981e-4c4f-ad83-e51bf70079e9/Poverty\_Reduction\_Full.aspx">https://www.frontiercollege.ca/getattachment/6705c18a-981e-4c4f-ad83-e51bf70079e9/Poverty\_Reduction\_Full.aspx</a>
- Mor-Anavy, S. et al. (2021). Health Literacy, Primary Care Health Care Providers, and Communication. *Health Literacy Research and Practice*, Vol. 5(3). <a href="https://doi.org/10.3928/24748307-20210529-01">https://doi.org/10.3928/24748307-20210529-01</a>
- 17. OECD. (2011, November 10). What can parents do to help their children succeed in school? *PISA in Focus, 10*. <a href="http://www.oecd.org/pisa/49012097.pdf">http://www.oecd.org/pisa/49012097.pdf</a>
- 18. Skagerlund, K. et al. (2018). Financial literacy and the role of numeracy How individuals' attitude and affinity with numbers influence financial literacy. *Journal of Behavioral and Experimental Economics*, 74, 18-25. <a href="https://doi.org/10.1016/j.socec.2018.03.004">https://doi.org/10.1016/j.socec.2018.03.004</a>
- Statistics Canada, Employment and Social Development Canada, & Council of Ministers of Education, Canada. (2013). Skills in Canada: First results from the Programme for the International Assessment of Adult Competencies (PIAAC). <a href="https://www.cmec.ca/Publications/Lists/Publications/Attachments/315/Canadian-PIAAC-Report.EN.pdf">https://www.cmec.ca/Publications/Lists/Publications/Attachments/315/Canadian-PIAAC-Report.EN.pdf</a>
- Zou, Y. et al. (2021). Skills in the Canadian Labour Market: Findings from the Programme for the International Assessment of Adult Competencies (PIAAC). <a href="https://www.cmec.ca/Publications/Lists/Publications/Attachments/424/PIAAC\_2012\_%20Skills\_in\_the\_Canadian\_Labour\_Market\_EN.pdf">https://www.cmec.ca/Publications/Lists/Publications/Attachments/424/PIAAC\_2012\_%20Skills\_in\_the\_Canadian\_Labour\_Market\_EN.pdf</a>

