



# **connexions** **TIMISKAMING** **connections**

Learning from COVID Equity Measures  
to Increase Community Resilience

Kerry Schubert-Mackey, Director of Health  
Promotion and Strategic Services

Amanda Mongeon, Manager of Community  
Health

November 18 2022

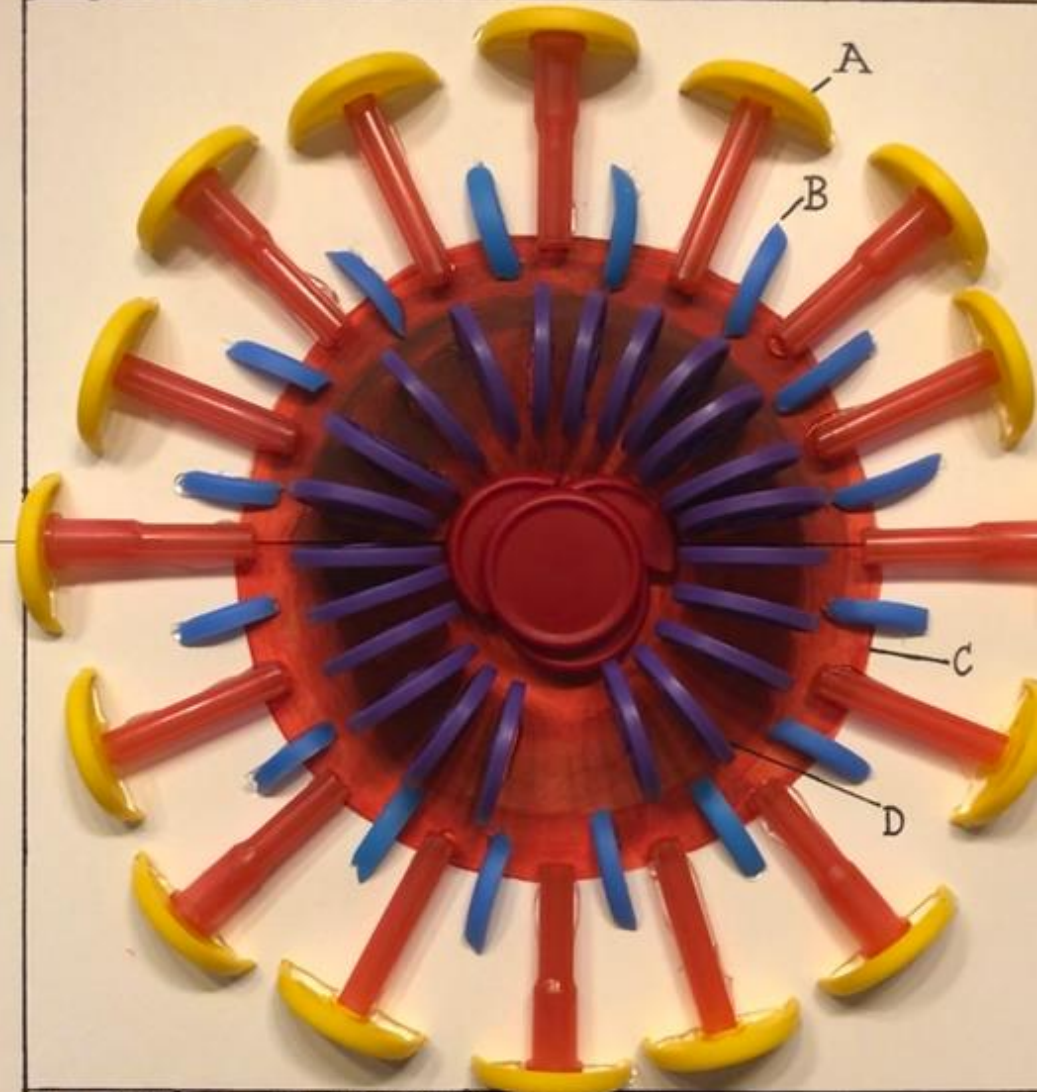
# Objectives

Equity dimensions of the COVID-19 pandemic

Connection and collaboration to mitigate these equity issues

Opportunities for future local action in small and rural communities

Figure 19c.



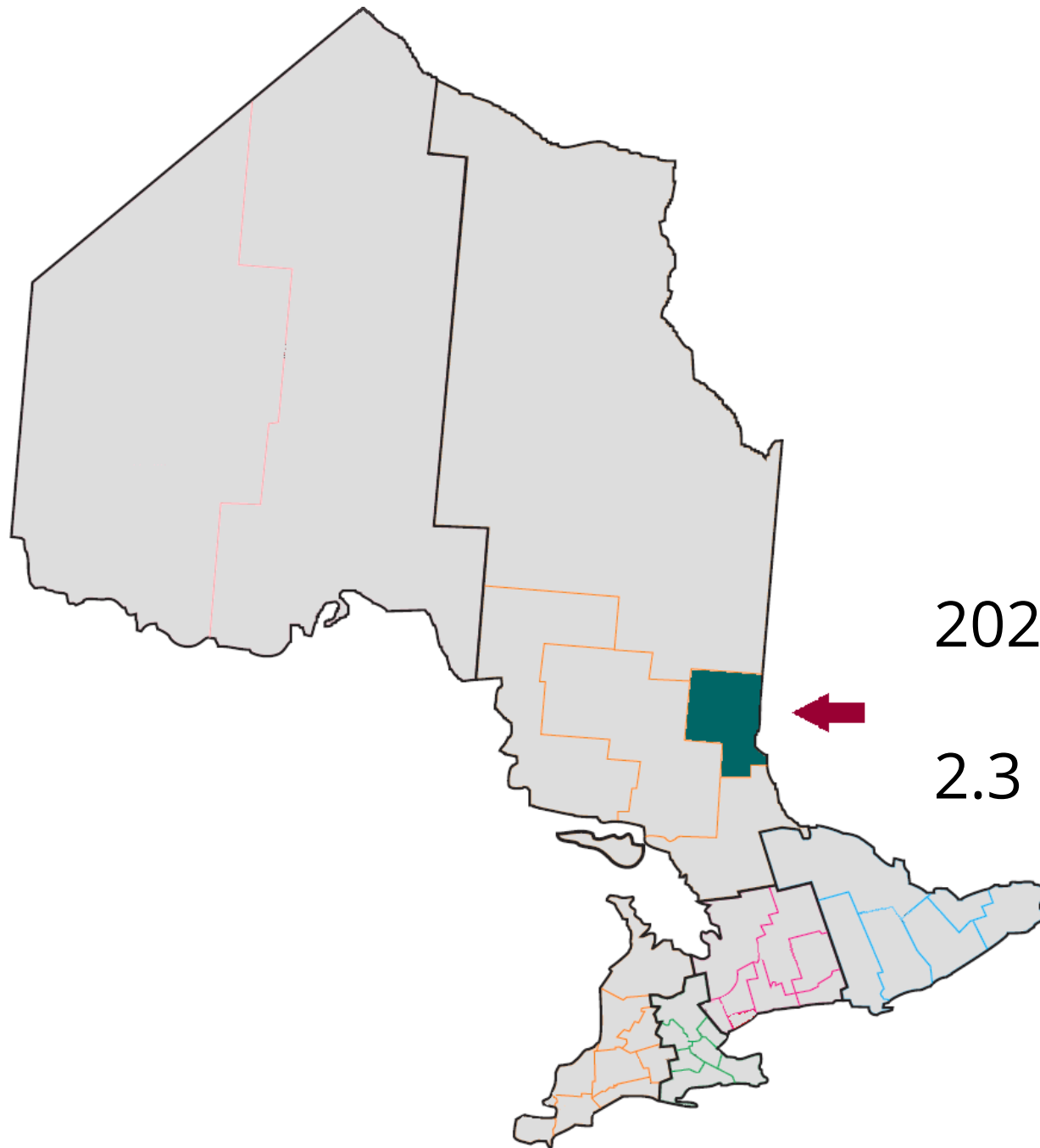
A: spike glycoprotein

B: hemagglutinin-esterase

C: envelope

D: RNA and N protein

Coronavirus by Megan Zilinski



2021 population 32,286

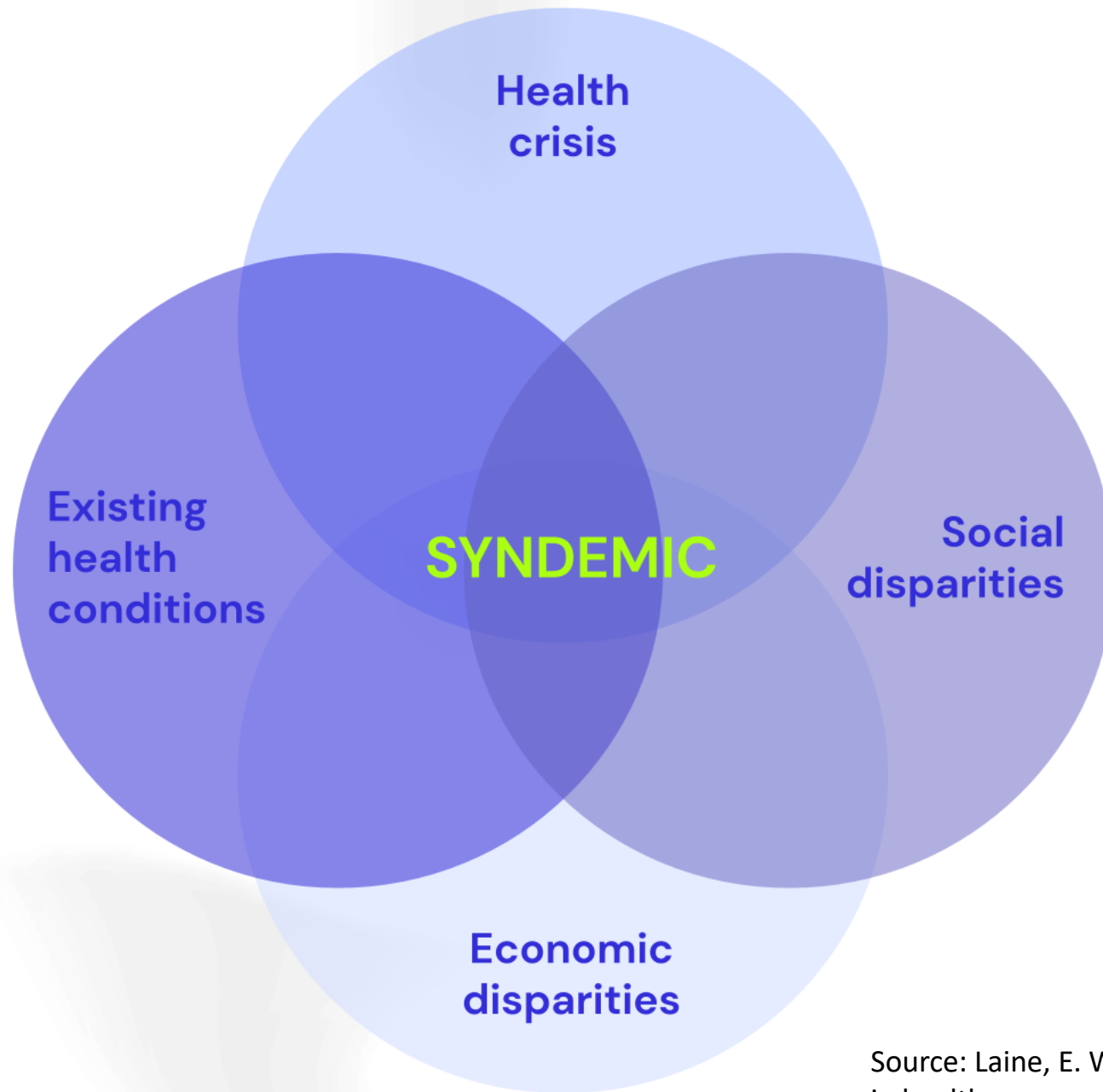
2.3 people per square kilometre

Statistics Canada. 2022. (table). Census Profile. 2021 Census. Statistics Canada Catalogue no. 98-316-X2021001. Ottawa. Released February 9, 2022. <https://www12.statcan.gc.ca/census-recensement/2021/dp-pd/prof/index.cfm?Lang=E> (accessed March 7, 2022).

There are equity dimensions to any emergency response; the COVID-19 pandemic is no different



*Masked Girl #1* by Alaina Twaworski



Source: Laine, E. What are syndemics, and why do they matter in health governance?

<https://demoshelsinki.fi/2022/05/25/what-are-syndemics/>



# PREVENT

(Standard Measures)



# PROTECT

(Strengthened Measures)



# RESTRICT

(Intermediate Measures)




# CONTROL

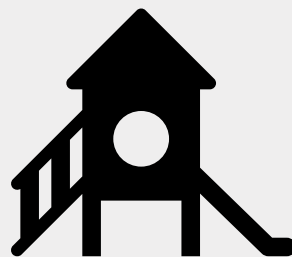
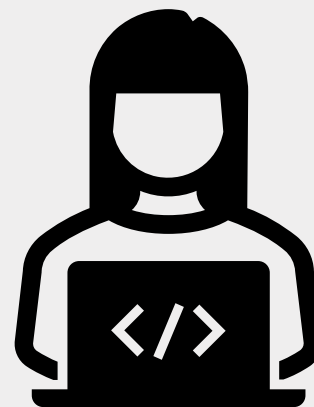
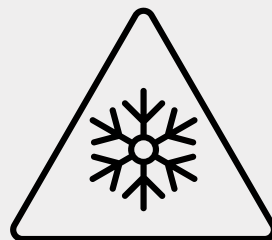
(Stringent Measures)



Source:  
Government of  
Ontario



Rural communities  
can come up with  
unique approaches  
to address these  
equity dimensions







*Everyone is Beautiful* by Margot Cormier-Splane

The need for the response measures described here is directly related to pre-existing inequities



Reducing inequities will  
lessen their impact during  
emergencies and support  
the overall wellbeing of our  
communities

*Still Standing* by Nicola Alexander



# Community Resilience

Physical  
Individual  
Organizational  
Economic  
Environmental

Morton, M.L. (2013). Community resilience and public health practice. *American Journal of Public Health*, 103(7), 1158-1160.



*Untitled* by Linda Mustard



Source: Flora & Flora (2008) presented at  
<https://agecon.unl.edu/cornhusker-economics/2015/community-capitals-framework>



# Future Directions

Reflect on our role as  
institution

Work across institutions to  
foster social capital

Aim for higher level policy  
shifts

Revisit the emergency  
management cycle

*The Sun Always Rises* by Bruce Bunting





Source: Public Health Ontario

Sendai Framework

Just Recovery Principles

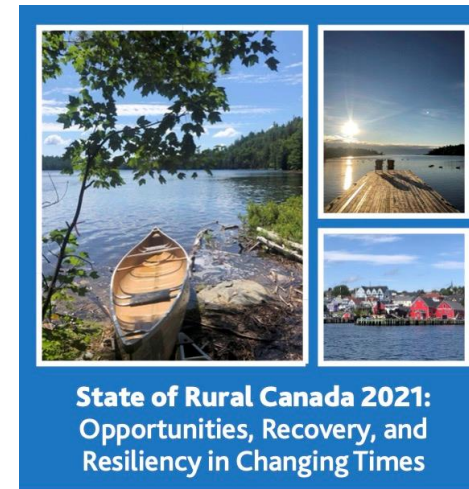
2020 Declaration on Resilience in  
Canadian Cities

Green New Deal

From Risk to Resilience: An equity  
approach to COVID-19 (PHAC)

Disaster recovery frameworks:  
Common themes to inform COVID-  
19 recovery efforts (PHO)

State of rural Canada 2021:  
Opportunities, recovery, and  
resilience in changing times (CRRF)



Editors: Kyle Rich, Heather Hall, and Grace Nelson

Public Health Ontario | Santé publique Ontario

EVIDENCE BRIEF

Disaster Recovery Frameworks: Common  
Themes to Inform COVID-19 Recovery Efforts

Published: March 2022

Key Messages

just recovery





# Conclusion

There are equity dimensions to any emergency response

Rural communities can come up with unique approaches to address these equity dimensions

Reducing inequities will lessen their impact during emergencies and support the overall wellbeing of our communities



*Uncertainty* by Bill Carriere

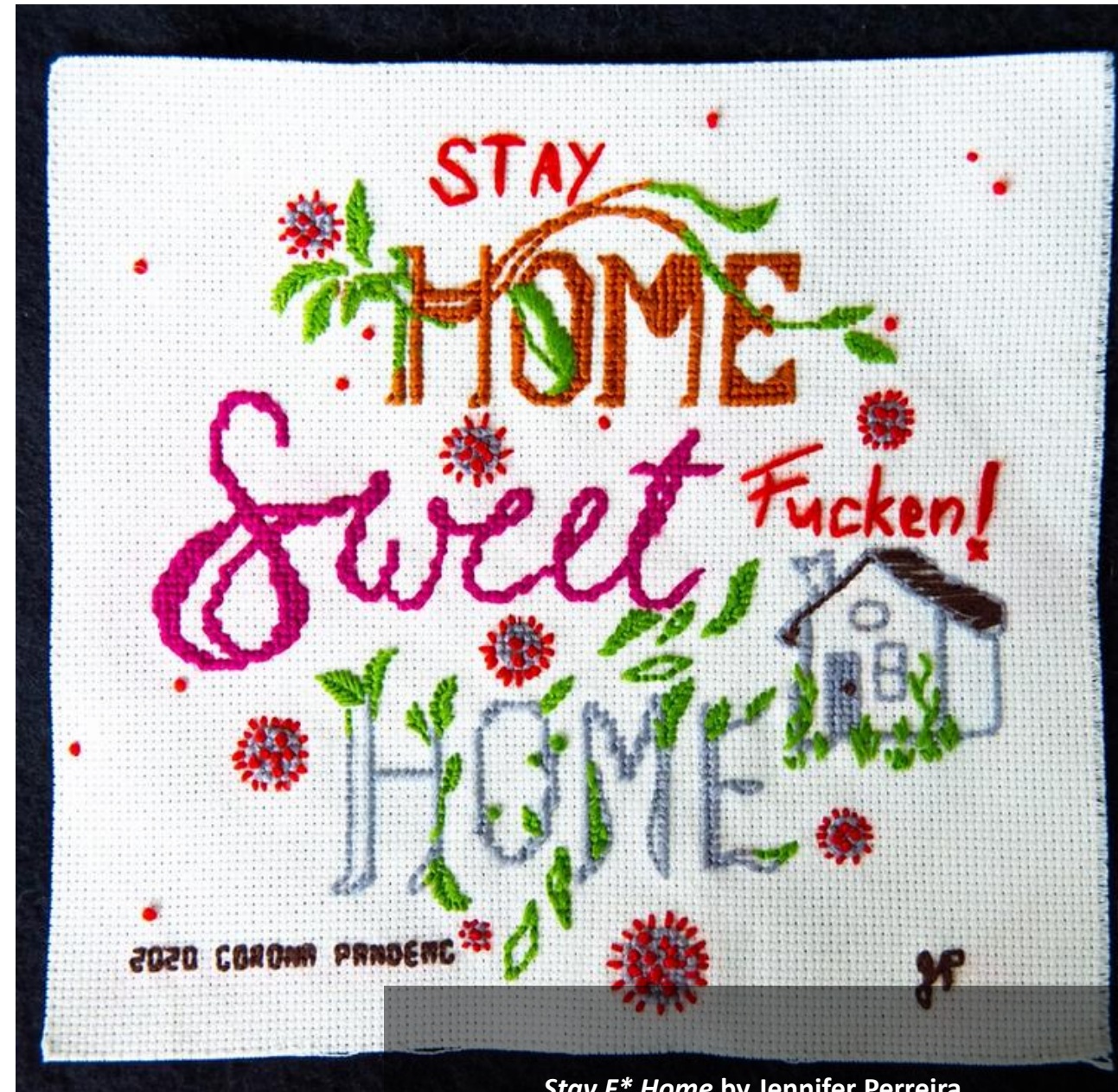


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**THU Staff** Laura Dias, Erika Aelterman, Walter Humeniuk, Kim Peters, Laurel Beardmore, Lorna Desmarais, Susan Hall, Krystal Oviatt, Robert Northcott, Janet Smale, Jocelyn Moreno, Helen Valkanas



*Stay F\* Home by Jennifer Perreira*

# References

- Bambra, C., Lynch, J., & Smith, K. (2021). *The unequal pandemic: COVID-19 and health inequalities*. Bristol: Bristol University Press.
- Canadian Institute for Health Information. (2022, October 13). *Canadian COVID-19 Intervention Timeline*. Retrieved from Canadian Institute for Health Information: <https://www.cihi.ca/en/canadian-covid-19-intervention-timeline>
- Canadian Rural Revitalization Foundation. (2021). *State of rural Canada 2021: Opportunities, recovery, and resilience in changing times*. (K. Rich, H. Hall, & G. Nelson, Eds.) Retrieved from [sorc.crrf.ca](http://sorc.crrf.ca)
- Gaventa, J., & Cornwall, A. (2015). Power and knowledge. In H. Bradbury (Ed.), *The SAGE handbook of action research* (pp. 465-471). SAGE Publications Ltd.
- Haworth-Brockman, M., & Betker, C. (2020). *Measuring what counts in the midst of the COVID-19 pandemic: Equity indicators for public health*. National Collaborating Centre for Infectious Diseases & National Collaborating Centre for Determinants of Health. Retrieved from <https://nccdh.ca/resources/entry/measuring-what-counts-in-the-midst-of-the-covid-19-pandemic-equity-indicator>
- Imperiale, A., & Vanclay, F. (2021). Conceptualizing community resilience and the social dimensions of risk to overcome barriers to disaster risk reduction and sustainable development. *Sustainable Development*, 29, 891-905. <https://doi.org/10.1002/sd.2182>
- Just Recovery. (2022). *Just Recovery for All*. Retrieved from Just Recovery: <https://justrecoveryforall.ca/>

Keesmat, J. (2020). *2020 Declaration for Resilience in Canadian Cities*. Retrieved from 2020 Declaration for Resilience in Canadian Cities: <https://www.2020declaration.ca/>

Khan, Y., Fazli, G., H. B., de Villa, E., Tsamis, C., Grant, M., & Schwartz, B. (2015). The evidence base of primary research in public health emergency preparedness: A scoping review and stakeholder consultation. *BMC Public Health*.  
<https://doi.org/10.1186/s12889-015-1750-1>

Lauzon, A. (2017). Building adaptive community capacity to meet the challenges of global climate change: Challenges for community leadership. In V. Wang (Ed.), *Encyclopedia of strategic leadership and management* (pp. 1326-1336). Hershey, PA: IGI Global.

MacArthur, J., Hoicka, C., Calstleden, H., Das, R., & Lieu, J. (2020). Canada's Green New Deal: Forging the socio-political foundations of climate resilient infrastructure? *Energy Research & Social Science*, 65.  
<https://doi.org/10.1016/j.erss.2020.101442>

Mulligan, K. (2022). *Strengthening community connections: The future of public health is at the neighbourhood scale*. Toronto: University of Toronto, Dalla Lana School of Public Health. Retrieved from  
[https://nccph.ca/images/uploads/general/OCPHO\\_Report\\_Kate\\_Mulligan\\_Strengthening\\_Community\\_Connections\\_EN.pdf](https://nccph.ca/images/uploads/general/OCPHO_Report_Kate_Mulligan_Strengthening_Community_Connections_EN.pdf)

Pahl-Wostl, C. (2009). A conceptual framework for analysing adaptive capacity and multi-level learning processes in resource governance regimes. *Global Environmental Change*, 19, 354-365. <https://doi.org/10.1016/j.gloenvcha.2009.06.001>

Public Health Agency of Canada. (2020). *From risk to resilience: An equity approach to COVID-19 the Chief Public Health Officer of Canada's report on the state of public health in Canada 2020*. Ottawa: Public Health Agency of Canada. Retrieved from <https://www.canada.ca/content/dam/phac-aspc/documents/corporate/publications/chief-public-health-officer-reports-state-public-health-canada/from-risk-resilience-equity-approach-covid-19/cpho-covid-report>



Public Health Agency of Canada. (2021). *A Vision to TRANSFORM Canada's Public Health System: The Chief Public Health Officer of Canada's Report on the State of Public Health in Canada*. Ottawa: Public Health Agency of Canada. Retrieved from <https://www.canada.ca/content/dam/phac-aspc/documents/corporate/publications/chief-public-health-officer-reports-state-public-health-canada/state-public-health-canada-2021/cpho-report-eng.pdf>

Public Health Agency of Canada. (2022). *Public Health Ethics Framework: A Guide for Use in Response to the COVID-19 Pandemic in Canada*. Retrieved from Government of Canada: <https://www.canada.ca/en/public-health/services/diseases/2019-novel-coronavirus-infection/canadas-reponse/ethics-framework-guide-use-response-covid-19-pandemic.html>

Public Health Ontario. (2020). *Public health emergency preparedness framework and indicators: A workbook to support public health practice*. Toronto: Public Health Ontario. Retrieved from [https://www.publichealthontario.ca/-/media/documents/w/2020/workbook-emergency-preparedness.pdf?sc\\_lang=en](https://www.publichealthontario.ca/-/media/documents/w/2020/workbook-emergency-preparedness.pdf?sc_lang=en)

Public Health Ontario. (2022). *Evidence brief: Disaster recovery frameworks: Common themes to inform COVID-19 recovery efforts*. Toronto: Public Health Ontario. Retrieved from [https://www.publichealthontario.ca/-/media/Documents/nCoV/Evidence-Brief/2022/covid-19-recovery-frameworks-common-themes.pdf?sc\\_lang=en](https://www.publichealthontario.ca/-/media/Documents/nCoV/Evidence-Brief/2022/covid-19-recovery-frameworks-common-themes.pdf?sc_lang=en)

Russel, C. (2022). Understanding ground-up community development from a practice perspective. *Lifestyle Medicine* , 1-11. <https://doi.org/10.1002/lim2.69>

Statistics Canada, S. F.-T. (n.d.). *Canadian Community Health Survey 2011/12, 2013/14, 2015/2016*.

UNDRR. (2015). *Sendai framework for disaster risk reduction 2015-30*. United Nations Office for Disaster Risk Reduction. Retrieved from <https://www.undrr.org/publication/sendai-framework-disaster-risk-reduction-2015-2030>

Wilkinson, R. P. (2011). *The spirit level: Why greater equality makes societies stronger*. New York: Bloomsbury Publishing.