

HUMAN DEVELOPMENT RESEARCH REVIEW



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HUMAN DEVELOPMENT RESEARCH REVIEW: AIMS AND SCOPE

HELP's Human Development Research Review (*HELP Reads*) aims to expand awareness of topics in human development, including social and emotional learning, social and environmental determinants of health, child care, and more. *HELP Reads* connects health academics, advocates, and professionals with online and publicly available research, news, and information. This review focuses on listing articles relevant to human development research activities at HELP. This review is not official or peer reviewed. It does not cover all research, news, and information, and HELP is not responsible for the accuracy of the content from media or databases. Not all links are open access; some are abstract links where paid journal subscription is required. *HELP Reads* is posted monthly [here](#).

EDITOR PICKS

Children’s knowledge about play-related risk, risk-taking, and injury: A meta-study.

Mariana Brussoni, Director, Human Early Learning Partnership, and co-authors

“Children’s knowledge and perceptions often paralleled adult understandings of risk and risky play, but also highlighted children’s risk identification and management abilities. The findings of the meta-study suggest”



Children’s dynamic risk management – a comprehensive approach to children’s risk willingness, risk assessment, and risk handling.

Mariana Brussoni, Director, Human Early Learning Partnership, and co-authors

“We propose that there are emotional, cognitive and physical processes at work when a child faces a risk and that these processes can be termed risk willingness, risk assessment, and risk handling, respectively...”



Neural dynamics of development of nature empathy in children: An EEG/ERP study.

Kimberly Schonert-Reichl, Professor, University of Illinois at Chicago, and co-authors

“This paper investigates spatiotemporal correlates of empathic concern for nature using the EEG/ERP method. In its novel attempt, this study provides neurophysiological support for the development of empathy for nature during childhood.”



Compassion training in elementary school children.

Kimberly Schonert-Reichl, Professor, University of Illinois at Chicago, and co-authors

“This study is among the first to demonstrate the feasibility and preliminary student impacts of the compassion-focused Social, Emotional, and Ethical Learning (SEE) Learning program for elementary students. It underscores the potential importance of incorporating compassion into Social and Emotional Learning (SEL) programs to....”



Understanding educator perceptions in assessment of kindergarten children’s development.

Magdalena Janus, Professor, Dept of Psychiatry & Behavioural Neurosciences, McMaster University; Affiliate Associate Professor, School of Population and Public Health, and co-authors

“We conducted a series of four focus groups with educators (kindergarten teachers and designated early childhood educators) from a school board in Ontario, Canada. The major themes identified were:...”



EDITOR PICKS

Physical activity measurement and surveillance in youth: report of a scoping and planning meeting, 8-10 May 2024.

World Health Organization

“This meeting supported WHO’s efforts to scope the potential for using wearable digital devices in the pursuit of monitoring and surveillance of global physical activity in adolescents, and to review the use of the current self-report survey instruments in light of changes to the WHO recommendations for this age group.”



Physical activity measurement and surveillance in youth: report of a scoping and planning meeting

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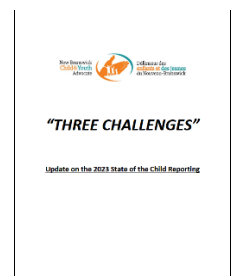
“Three challenges”. Update on the 2023 State of the Child Reporting.

New Brunswick Office of the Child & Youth Advocate

“The Advocate’s “Three Challenges” address will urge New Brunswick’s leaders to reverse worrying trends in three urgent areas where children deserve better. They are:

- *Providing children the ability to read and learn by the time they are eight years old.*
- *Providing teens the mental health services and strong communities they need..”*

...more



“THREE CHALLENGES”

Update on the 2023 State of the Child Reporting

2024 BC Child Poverty Report Card.

First Call: BC Child and Youth Advocacy Society

“The findings in this year’s report underscore the urgent need for systemic, targeted actions to lift all BC children and families out of poverty. First Call’s recommendations include: raising family incomes through living wages and increased income supports; targeted measures for Indigenous communities, new immigrant and refugee families....”



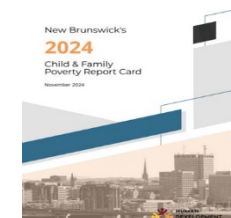
2024 BC CHILD POVERTY REPORT CARD

firstcall BC CHILD AND YOUTH ADVOCACY SOCIETY
35th ANNUAL REPORT

New Brunswick’s 2024 Child and Family Poverty Report Card.

Saint John Human Development Council

“The child poverty rate in Canada increased from 15.6% in 2021 to 18.1% in 2022. The number of children living in poverty in New Brunswick rose from 18.7% in 2021 to”



New Brunswick's
2024
Child & Family
Poverty Report Card

November 2024

New Compassionate Systems Leadership (CSL) website launched.

The BC CSL Network has been actively providing training and resources to school districts and community partners across BC. With the introduction of this new website, CSL aims to bring these resources together, making it easier than ever for anyone interested to access valuable information and tools on Compassionate Systems Leadership. ([CSL site](#))



HUMAN DEVELOPMENT RESEARCH REVIEW

HELP FACULTY and AFFILIATE (selected publications)

1. Bennett T, Katholiki G, Gonzalez A, Janus M, Lipman E, Pires P, et al. **Targeted child mental health prevention and parenting support within a Canadian context: a randomized controlled trial evaluating the U.S.-Developed Family Check-Up®**. *Prevention Science*. 2024. Available from: <https://doi.org/10.1007/s11121-024-01741-3>.
2. Fraizer T, Roeser RW, Schonert-Reichl KA, Negi LT. **Compassion training in elementary school children**. *PLoS One*. 2024. Available from: <https://hal.science/hal-04734160/document>.
3. Kleppe R, Sandseter EBH, Sando OJ, Brussoni M. **Children’s dynamic risk management – a comprehensive approach to children’s risk willingness, risk assessment, and risk handling**. *International Journal of Play*. 2024;1-15. Available from: <https://doi.org/10.1080/21594937.2024.2425539>.
4. Li X, Kahane A, Keown-Stoneman CDG, Omand JA, Borkhoff CM, Lebovic G, et al. **Early childhood body mass index growth and school readiness: A longitudinal cohort study**. *Paediatr Perinat Epidemiol*. 2024;38(8):733-44. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/ppe.13114>.
5. McCallum KS, Youngblood J, Hayden KA, Brussoni M, Emery C, Bridel W. **Children’s knowledge about play-related risk, risk-taking, and injury: A meta-study**. *Leisure/Loisir*. 2024;48(4):699-724. Available from: <https://doi.org/10.1080/14927713.2023.2242859>.
6. Reid-Westoby C, Enns J, Brownell M, Detillieux G, Nickel N, Janus M. **Mental health of children with special health needs in Manitoba, Canada**. *Int J Pop Data Sci*. 2024;9(5). Available from: <https://ijpds.org/article/view/2612>.
7. Sahni PS, Rajyaguru C, Narain K, Miedenbauer KL, Kumar J, Schonert-Reichl KA. **Neural dynamics of development of nature empathy in children: an EEG/ERP study**. *Current Research in Ecological and Social Psychology*. 2024;7:100210. Available from: <https://www.sciencedirect.com/science/article/pii/S2666622724000315>.
8. Spadafora N, Jezrawi R, De Jesus S, Cameron D, Janus M. **Understanding educator perceptions in assessment of kindergarten children’s development**. *Early Childhood Educ J*. 2024. Available from: <https://doi.org/10.1007/s10643-024-01807-5>.

HELP RESOURCES

1. **New Website Launch: Exploring Compassionate Systems Leadership in BC**. 2024 [Nov 18]; Available from: <https://earlylearning.ubc.ca/new-website-launch-exploring-compassionate-systems-leadership-in-bc/>.

CSL Site: <https://compassionatesystems.earlylearning.ubc.ca/>.

1. CHILD DEVELOPMENT

1.i. General, Cognition

1. Fong Yan A, Nicholson LL, Ward RE, Hiller CE, Dovey K, Parker HM, et al. **The effectiveness of dance interventions on psychological and cognitive health outcomes compared with other forms of physical activity: a systematic review with meta-analysis**. *Sports Med*. 2024;54(5):1179-205. Available from: <https://doi.org/10.1007/s40279-023-01990-2>.

1.ii. Communication, Language, Literacy

1. Brisson J. **Quebec study on children’s development in kindergarten. Kindergarten children are more vulnerable when it comes to communication.** Neomedia. 2024 Nov 27. Available from: <https://www.neomedia.com/vaudreuil-soulanges/actualites/my-english-news/626628/kindergarten-children-are-more-vulnerable-when-it-comes-to-communication>.
2. Institut de la statistique du Québec. **Enquête québécoise sur le développement des enfants à la maternelle 2022 [Vulnerability among English-speaking 5-year-old kindergarten children in Quebec: portrait and comparison with French-speaking children].** Quebec, QC: Gouvernement du Québec, Institut de la statistique du Québec; 2024 novembre. Available from: <https://statistique.quebec.ca/fr/fichier/vulnerabilite-enfants-maternelle-5-ans-anglophones-francophones-quebec.pdf>.

1.iii. Socioemotional Learning, Other

1. Hayes D, Mansfield R, Mason C, Santos J, Moore A, Boehnke J, et al. **The impact of universal, school based, interventions on help seeking in children and young people: a systematic literature review.** Eur Child Adolesc Psychiatry. 2024;33(9):2911-28. Available from: <https://doi.org/10.1007/s00787-022-02135-y>.
2. Li X, Kahane A, Keown-Stoneman CDG, Omand JA, Borkhoff CM, Lebovic G, et al. **Early childhood body mass index growth and school readiness: A longitudinal cohort study.** Paediatr Perinat Epidemiol. 2024;38(8):733-44. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1111/ppe.13114>.
3. Sahni PS, Rajyaguru C, Narain K, Miedenbauer KL, Kumar J, Schonert-Reichl KA. **Neural dynamics of development of nature empathy in children: An EEG/ERP study.** Current Research in Ecological and Social Psychology. 2024;7:100210. Available from: <https://www.sciencedirect.com/science/article/pii/S2666622724000315>.

2. CHILD CARE, EDUCATION, PARTNERSHIPS

2.i. Connections, Hubs, Partnerships

2.ii. Initiatives, Interventions

2.iii. Programs, Services, Other

1. Nores M, Vazquez C, Gustafsson-Wright E, Osborne S, Cuartas J, Lambiris MJ, et al. **The cost of not investing in the next 1000 days: implications for policy and practice.** The Lancet. 2024;404(10467):2117-30. Available from: [https://doi.org/10.1016/S0140-6736\(24\)01390-4](https://doi.org/10.1016/S0140-6736(24)01390-4).

3. EARLY ENVIRONMENTS

3.i. Biological Sensitivity to Context, Cortisol, Epigenetic

1. Arzu JL, Kelsey KT, Papandonatos GD, Cecil KM, Chen A, Langevin SM, et al. **Associations of epigenetic age acceleration at birth and age 12 years with adolescent cardiometabolic risk: the HOME study.** Clin Epigenetics. 2024;16(1):163. Available from: <https://doi.org/10.1186/s13148-024-01779-8>.
2. Sales WB, Maranhão EF, Ramalho CST, Macêdo SGGF, Souza GF, Maciel ÁCC. **Early life circumstances and their impact on health in adulthood and later life: a systematic review.** BMC Geriatr. 2024;24:NA. Available from: <http://dx.doi.org/10.1186/s12877-024-05571-4>.
3. Tsamantioti E, Sandström A, Lindblad Wollmann C, Snowden JM, Razaz N. **Association of severe maternal morbidity with subsequent birth.** JAMA. 2024. Available from: <https://doi.org/10.1001/jama.2024.20957>.

3.ii. Adversity, Resilience

1. Benitez BC. **Better early: critical windows in brain and cognitive development.** Nestle Nutr Inst Workshop Ser. 2024;100:81-9. Available from: <https://doi.org/10.1159/000540134>.

3.iii. Other

1. Dall C. **Prenatal antibiotic exposure linked to long-term health outcomes in children.** Minneapolis, MN: University of Minnesota, Center for Infectious Disease Research & Policy (CIDRAP); 2024 Dec 16. Available from: <https://www.cidrap.umn.edu/antimicrobial-stewardship/prenatal-antibiotic-exposure-linked-long-term-health-outcomes-children>.
2. Lu J, Wu J, Chen Y. **Indoor environment and brain health across the life course: A systematic review.** Build Environ. 2025;267. Available from: <https://doi.org/10.1016/j.buildenv.2024.112156>.
3. McFarland MJ, Reuben A, Hauer M. **Contribution of childhood lead exposure to psychopathology in the US population over the past 75 years.** Journal of Child Psychology and Psychiatry. 2024;n/a(n/a). Available from: <https://acamh.onlinelibrary.wiley.com/doi/abs/10.1111/jcpp.14072>.

4. ENVIRONMENTAL HEALTH

4.i. Climate Change

1. Alarcón Garavito GA, Toncón Chaparro LF, Jasim S, Zanatta F, Miliou I, Bampa M, et al. **The impact of climate change on the mental health of populations at disproportionate risk of health impacts and inequities: a rapid scoping review of reviews.** Int J Environ Res Public Health. 2024;21(11):1415. Available from: <https://www.mdpi.com/1660-4601/21/11/1415>.
2. Annan H, Baran I, Litwin S. **Five I's of climate change and child health: a framework for pediatric planetary health education.** Pediatrics. 2024;154(6):e2024066064. Available from: <https://doi.org/10.1542/peds.2024-066064>.

4.ii. Urban Design, Child Friendly Cities, Rural, Greenspace

1. Bethune TJ, Grant C, Bayer E, Leavitt TS. **Designing for lifelong health – a commentary on integrating community design and healthy aging across the life course.** J Public Health Manag Pract. 2025;31(1):143-4. Available from: <https://doi.org/10.1097/phh.0000000000002081>.
2. Davis Z, Jarvis I, Macaulay R, Johnson KA, Williams NSG, Li J, et al. **A systematic review of the associations between biodiversity and children’s mental health and wellbeing.** Environ Res. 2024;120551. Available from: <https://www.sciencedirect.com/science/article/pii/S0013935124024551>.

4.iii. Exposures, Other

1. Alampi JD, Lanphear BP, MacFarlane AJ, Oulhote Y, Braun JM, Muckle G, et al. **combined exposure to folate and lead during pregnancy and autistic-like behaviors among Canadian children from the MIREC Pregnancy and Birth Cohort.** Environ Health Perspect. 2024;132(10):107003. Available from: <https://ehp.niehs.nih.gov/doi/abs/10.1289/EHP14479>.
2. Alter NC, Whitman EM, Bellinger DC, Landrigan PJ. **Quantifying the association between PM2.5 air pollution and IQ loss in children: a systematic review and meta-analysis.** Environmental Health. 2024;23(1):101. Available from: <https://doi.org/10.1186/s12940-024-01122-x>.
3. European Environment Agency. **The effect of environmental noise on children’s reading ability and behaviour in Europe.** Copenhagen, Denmark: European Environment Agency; 2024.
4. Heidari S, Mostafaei S, Razazian N, Rajati M, Saeedi A, Rajati F. **The effect of lead exposure on IQ test scores in children under 12 years: a systematic review and meta-analysis of case-control studies.** Systematic Reviews. 2022;11(1):106. Available from: <https://doi.org/10.1186/s13643-022-01963-y>.
5. Saha T, Gbemavo MCJ, Booij L, Arbuckle TE, Ashley-Martin J, Fisher M, et al. **Prenatal exposure to PFAS and the association with neurobehavioral and social development during childhood.** Int J Hyg Environ Health. 2025;263:114469. Available from: <https://www.sciencedirect.com/science/article/pii/S1438463924001500>.

5. MENTAL HEALTH

5.i. Happiness, Wellbeing, Distress

1. Bennett T, Katholiki G, Gonzalez A, Janus M, Lipman E, Pires P, et al. **targeted child mental health prevention and parenting support within a canadian context: a randomized controlled trial evaluating the U.S.-Developed Family Check-Up®.** Prevention Science. 2024. Available from: <https://doi.org/10.1007/s1121-024-01741-3>.
2. Chen G, Chen W, Qi S, Shek DTL. **Improving child and adolescent mental health: a bibliometric analysis of related intervention studies.** Int J Environ Res Public Health. 2024;21(12):1576. Available from: <https://www.mdpi.com/1660-4601/21/12/1576>.

3. Fairbank EJ, Borenstein-Laurie J, Alberts NM, Wrosch C. **Optimism, pessimism, and physical health among youth: a scoping review.** *J Pediatr Psychol.* 2024;49(8):580-95. Available from: <https://doi.org/10.1093/jpepsy/jsae045>.
4. Farrell AH, Szatmari P, Vaillancourt T. **Epidemiology of mental health challenges in children and adolescents.** *Pediatr Clin North Am.* 2024;71(6):999-1011. Available from: <https://www.sciencedirect.com/science/article/pii/S0031395524001056>.
5. Hunter M, Pfau J, Casidsid HJM, Patrick S, Brownell E, Durksen A, et al. **How a unique student fellowship model enables proactive wellbeing.** *Prioritising Wellbeing and Self-Care in Higher Education.* New York, NY: Routledge; 2024. Available from: <https://www.taylorfrancis.com/chapters/edit/10.4324/9781003457510-15/balance-mikayla-hunter-jamie-pfau-hera-casidsid-stephaney-patrick-emily-brownell-anita-durksen-nyla-comeau-jennifer-enns>.
6. Mathias S, Moretti M, Sukhawathanakul P, Pepler D, University Y, Angelius K, et al. **Disseminating evidence-based preventive interventions to promote wellness and mental health in children and youth: opportunities, gaps, and challenges.** *Can J Commun Ment Health.* 2023;42(4). Available from: https://www.csmh.uwo.ca/research/leadbeater_et_al_disseminating_evidence_based.pdf.
7. Roccliffe P, Adamakis M, O’Keeffe BT, Walsh L, Bannon A, Garcia-Gonzalez L, et al. **The impact of typical school provision of physical education, physical activity and sports on adolescent mental health and wellbeing: a systematic literature review.** *Adolescent Research Review.* 2024;9(2):339-64. Available from: <https://doi.org/10.1007/s40894-023-00220-0>.
8. Stewart SL, Withers A, Poss JW. **School closures on bullying experiences of treatment-seeking children and youth: the influence of the covid-19 pandemic within Ontario, Canada.** *Int J Environ Res Public Health.* 2024;21(12):1673. Available from: <https://www.mdpi.com/1660-4601/21/12/1673>.
9. Turecek S, Brymer E, Rahimi-Golkhandan S. **The relationship between physical activity environment, mental wellbeing, flourishing and thriving: A mixed method study.** *Psychol Sport Exerc.* 2025;76:102769. Available from: <https://www.sciencedirect.com/science/article/pii/S1469029224001808>.

5.ii. Sleep, Screentime

1. Doran N, Wade NE, Courtney KE, Sullivan RM, Jacobus J. **Mobile phone ownership, social media use, and substance use at ages 11–13 in the ABCD study.** *Addict Behav.* 2025;161:108211. Available from: <https://www.sciencedirect.com/science/article/pii/S0306460324002600>.
2. Forrest M. **As Australia bans social media for children, Quebec is paying close attention.** *Hamilton Spectator.* 2024 Nov 29. Available from: https://www.thespec.com/business/as-australia-bans-social-media-for-children-quebec-is-paying-close-attention/article_066e5be1-157b-54fa-bed4-7b95a6cac156.html.
3. Forsyth S. **Regulation of Screen Use in Danish Schools: A Habermasian and Luhmannian Perspective.** 2024. Available from: https://www.researchgate.net/publication/386135659_Regulation_of_Screen_Use_in_Danish_Schools_A_Habermasian_and_Luhmannian_Perspective.

5.iii. Healthy Habits, Substance Use, Other

1. Brown E, Abdelmassih E, Hanna F. **Evaluating the determinants of substance use in LGBTQIA+ adolescents: a scoping review.** *Int J Environ Res Public Health.* 2024;21(12):1579. Available from: <https://www.mdpi.com/1660-4601/21/12/1579>.
2. Koller A, Rohrmann S, Wakolbinger M, Gojda J, Selinger E, Cahova M, et al. **Health aspects of vegan diets among children and adolescents: a systematic review and meta-analyses.** *Crit Rev Food Sci Nutr.* 2024;64(33):13247-58. Available from: <https://doi.org/10.1080/10408398.2023.2263574>.
3. Ontario Agency for Health Protection and Promotion (Public Health Ontario). **Interventions to Improve Smoke-Free Vape-Free Compliance on School Property.** Toronto, ON: King's Printer for Ontario; 2024 Dec. Available from: https://www.publichealthontario.ca/-/media/Documents/V/24/vaping-interventions-smoke-free-compliance-school-property.pdf?rev=797e89e83fd44f32a05ee4dd3fca4d8c&sc_lang=en.
4. Ontario Agency for Health Protection and Promotion (Public Health Ontario). **Impact of Interventions on Vaping Prevalence in Schools.** Toronto, ON: King's Printer for Ontario; 2024 Dec. Available from: <https://www.publichealthontario.ca/-/media/Documents/V/24/vaping-prevalence-intervention-impact-schools.pdf?rev=8e627768b28a44e18de2be4c554b05a7&la=fr>.
5. Ontario Agency for Health Protection and Promotion (Public Health Ontario). **Vape detector effectiveness for school property.** Toronto, ON: King's Printer for Ontario; 2024 Dec. Available from: https://www.publichealthontario.ca/-/media/Documents/V/24/vape-detector-effectiveness-school-property.pdf?&sc_lang=en.

6. PHYSICAL HEALTH, MOBILITY

6.i. Active Transportation

6.ii. Activities, Sports

1. Eglitis E, Singh B, Olds T, Virgara R, Machell A, Richardson M, et al. **Health effects of children's summer holiday programs: a systematic review and meta-analysis.** *Int J Behav Nutr Phys Activity.* 2024;21(1):119. Available from: <https://doi.org/10.1186/s12966-024-01658-8>.
2. Mannocci A, D'Egidio V, Backhaus I, Federici A, Sinopoli A, Ramirez Varela A, et al. **Are there effective interventions to increase physical activity in children and young people? an umbrella review.** *Int J Environ Res Public Health.* 2020;17(10). Available from: <https://doi.org/10.3390/ijerph17103528>.
3. Purgato M, Cadorin C, Prina E, Cabral Ferreira M, Del Piccolo L, Gerber M, et al. **Umbrella systematic review and meta-analysis: physical activity as an effective therapeutic strategy for improving psychosocial outcomes in children and adolescents.** *J Am Acad Child Adolesc Psychiatry.* 2024;63(2):172-83. Available from: <https://www.sciencedirect.com/science/article/pii/S0890856723003143>.
4. World Health Organization. **Physical activity measurement and surveillance in youth: report of a scoping and planning meeting, 8-10 May 2024.** Geneva: World Health Organization; 2024. Available from: <https://iris.who.int/handle/10665/379652>.

6.iii. Outdoor Play, Independent Mobility, Other

1. Hegde MV, Park S, Zhu X, Lee C. **Multi-family housing environment and physical activity: a systematic review of the literature.** *am j health promot.* 2025;39(1):127-40. Available from: <https://journals.sagepub.com/doi/abs/10.1177/08901171241254940>.
2. Kleppe R, Sandseter EBH, Sando OJ, Brussoni M. **Children’s dynamic risk management – a comprehensive approach to children’s risk willingness, risk assessment, and risk handling.** *International Journal of Play.* 2024;1-15. Available from: <https://doi.org/10.1080/21594937.2024.2425539>.
3. McCallum KS, Youngblood J, Hayden KA, Brussoni M, Emery C, Bridel W. **Children’s knowledge about play-related risk, risk-taking, and injury: A meta-study.** *Leisure/Loisir.* 2024;48(4):699-724. Available from: <https://doi.org/10.1080/14927713.2023.2242859>.
4. Moeller NC, Oestergaard L, Rasmussen MGB, Schmidt-Persson J, Larsen KT, Juhl CB. **How to get children moving? The effectiveness of school-based interventions promoting physical activity in children and adolescents – A systematic review and meta-analysis of randomized controlled- and controlled studies.** *Health & Place.* 2024;89:103333. Available from: <https://www.sciencedirect.com/science/article/pii/S1353829224001618>.
5. Thomsen LT, Schmidt-Persson J, Damsgaard CT, Krstrup P, Grøntved A, Krølner RF, et al. **Generation Healthy Kids: Protocol for a cluster-randomized controlled trial of a multi-component and multi-setting intervention to promote healthy weight and wellbeing in 6-11-year-old children in Denmark.** *PLoS One.* 2024;19:e0308142. Available from: <http://dx.doi.org/10.1371/journal.pone.0308142>.

7. EQUITY, DIVERSITY, INCLUSION, INDIGENEITY

7.i. Indigenous

1. Bourgeois C, Hardy M, McKnight C, Snyder M, Powless-Lynes MY, Smylie J. **Our health counts: In our voices.** *Canadian Journal of Public Health.* 2024;115(2):181-6. Available from: <https://doi.org/10.17269/s41997-024-00939-w>.
2. Crown-Indigenous Relations and Northern Affairs Canada. **Manitoba Métis Federation and Canada sign first-of-its-kind Self-Government Treaty.** Ottawa, ON: Government of Canada; 2024 Nov 30. Available from: <https://www.canada.ca/en/crown-indigenous-relations-northern-affairs/news/2024/11/manitoba-metis-federation-and-canada-sign-first-of-its-kind-self-government-treaty.html>.
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