

The Voice of Public Health

# CLIMATE CHANGE, POPULATION HEALTH AND HEALTH EQUITY



While climate change is already having a significant negative impact on human health, many of the actions needed to prevent further global warming can also produce immediate and significant population health and health equity benefits in the jurisdictions that choose to act.

The report entitled Climate Change, Population Health and Health Equity: Public Health Strategies and Five Climate Solutions that Produce Health and Health Equity Benefits encourages the integration of population health and health equity considerations into climate change mitigation strategies in communities across the country.

The report includes 14 case studies that focus on the strategies and approaches being used by public health agencies to influence local policies and plans that can improve population health and health equity, while reducing climate emissions. These case studies, and four additional ones, are drawn from work in Ottawa, the Niagara Region, Haliburton, British Columbia, Vancouver Island, Simcoe Muskoka, Vancouver, Hamilton, Nova Scotia, the Cowichan Valley, Peel Region, Powell River, and Saskatoon.

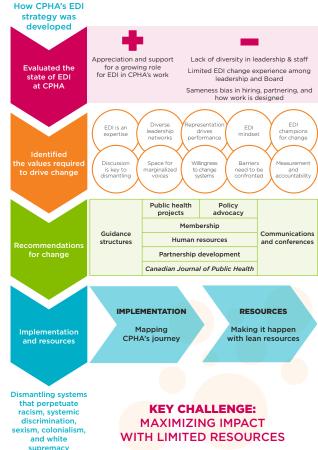
This report also includes comprehensive evidence for some of the population health and health equity benefits associated with five local climate solutions:

- 1. Public transit;
- 2. Walkable neighbourhoods;
- 3. Active transportation infrastructure;
- 4. Green space; and
- 5. Green buildings/building retrofits.

Given the critical need to halve greenhouse gas emissions by 2030 and the immediate and significant health and health equity benefits these five local climate change solutions can have, there is much more that public health agencies could do to accelerate and shape action on these fronts. To realize this potential, public health professionals and their agencies must be trained, authorized, and funded to do so.

# Developing an equity, diversity and inclusion strategy for CPHA

In January 2023, CPHA engaged Stratology Consulting to help develop an equity, diversity and inclusion (EDI) strategy. Strat-ology Consulting's approach was to map out the various systems, processes, and structures that comprise CPHA's work and apply an EDI lens to suggest ways to ensure these systems, processes, and structures can be made to engender more diversity, equity, and inclusion. This process involved deep consultation with CPHA's Board members. staff, community partners, members, conference collaborators, Journal editors, and academics. The consultant's work was presented during CPHA's 2023 Annual General Meeting and implementation of the strategy continues.





#### **Indigenous Advisory Council**

CPHA's Indigenous Advisory Council supports the Association in fulfilling its role as a trusted advocate for public health; one that works towards addressing the historic and contemporary health inequities faced by Indigenous communities by bringing Indigenous perspectives to all aspects of the Association's policies, practices and programs.

## CJPH statement and policy on equity, diversity, inclusion and Indigenous reconciliation

The Editorial Board of the *Canadian Journal* of *Public Health* respects, values, and actively works towards justice, equity, diversity and inclusiveness in all aspects of its work. The Editorial Board has published a Statement and Policy on Equity, Diversity, Inclusion and Indigenous Reconciliation.



### A public health approach to psychedelics

Psychedelic drugs have emerged prominently on the health and legal landscape in Canada, with rapid developments in clinical, therapeutic, spiritual and recreational uses paralleling some aspects of the medical-regulation-to-legalization pathway of cannabis. In June 2023, CPHA hosted a two-day virtual forum on psychedelics to consider these developments from public policy and public health perspectives. Participants discussed different facets of taking a public health approach to psychedelics in Canada, including clinical/medical approaches, perspectives on commercial determinants of health and regulatory approaches, equitable engagement by and with structurally disadvantaged populations, and intersections with existing traditional, spiritual, and recreational uses. A summary report from the Forum provided a summary of the presentations and discussions.

# Engaging public health, public safety, and communities to build capacity for a public health approach to substance use

CPHA has been funded by Health Canada to help build the knowledge and capacity of communities to implement a public health approach to substance use. In 2023, the project produced a number of new resources:

- An Organizational Assessment Tool for Substance Use and Stigma was designed to help organizations identify policies and environmental and cultural factors contributing to substance use stigma and discrimination.
- Public health, public safety, and health and social service providers were surveyed to generate new knowledge and perspectives on how professionals and practitioners across Canada understand a public health approach to substance use.
- Cannabasics: A Primer for Health and Social Service Providers is a resource for healthcare and social service providers, delivering evidence-based insights into cannabis, its consumption methods, and fundamental principles of harm reduction.

- With Canadian Students for Sensible Drug Policy, a suite of resources were produced to help improve the healthcare experiences of young people who may or may not use drugs.
- In partnership with the Association pour la santé publique du Québec, we supported the development of a suite of resources to address alcohol-related challenges.



#### **Immunize Canada**

For 2023, Immunize Canada focused on the theme of "Rebuilding Vaccine Confidence in Canadians." Monthly campaigns on vaccine-preventable diseases targeted different populations. Every month featured social media campaigns on different vaccine-preventable diseases. In April, the theme of National Immunization Awareness Week was "Let's catch up with confidence." This theme was continued during National Immunization Awareness Month in August.



#### Infectious disease and climate change

With funding from the Public Health Agency of Canada, CPHA has been working to increase knowledge and capacity to respond to the demands posed by infectious disease and climate change (IDCC). Some 2023 activities included:

- The 2023 grade 6 poster contest received 971 submissions from 174 schools across Canada, a 24% increase compared with 2022.
- The project hosted 9 webinars (drawing over 1000 participants) that showcased surveillance and capacity-building activities regarding climate-sensitive infectious diseases.
- A survey of public health organizations and 14 key informant interviews were conducted to continue to understand knowledge needs of professionals and providers, and to support capacity building.
- A two-day virtual IDCC Forum was held in November with 200 participants.

#### Sexually transmitted and bloodborne infections and related stigma

In collaboration with professionals, organizations and individuals with lived and living experience, CPHA developed resources focused on the reduction of stigma associated with sexuality, substance use and sexually transmitted and bloodborne infections (STBBI). In 2023, the project:

 Launched an intervention research project in partnership with organizations in British Columbia, Manitoba, New Brunswick and Newfoundland & Labrador. These organizations receive training and support from CPHA as they deliver training to health and social service professionals in their communities. The research findings will contribute to collective understanding of STBBI stigma reduction interventions for health and social service professionals, and of optimal modes of supporting scaling of stigma reduction interventions in communities across Canada.

- Held train-the-trainer workshops for health educators to help build their capacity to deliver training to health and social service professionals.
- Received a CIHR grant to formally evaluate its online course Provide safer, more inclusive care for STBBIs.
- Launched a quarterly newsletter to share project updates and Canadian resources.

### Preventing youth dating violence: Building capacity for comprehensive sexuality education in Canada

During the 2021-22 and 2022-23 school years, the Relationship and Sexual Health Education (RSE) program was delivered to over 400 youth in 10 different schools across 27 classrooms (in YK, AB, ON, QC, NS). A total of 21 facilitators participated in online training focused on building their capacity to implement and evaluate the RSE program. Post-program evaluation surveys from youth RSE participants indicated an average rating of "Strongly agree" on the following three outcomes:

- 1. Knowing where to go for sexual health needs;
- 2. Knowing where to go for relationship health needs; and
- 3. Having confidence in being able to access these resources if they/friends needed them.

## The independent national voice and trusted advocate for public health

X FOLLOWERS

13,854

Change from 2022: **1%** 



**INSTAGRAM FOLLOWERS** 

5,755

Change from 2022:

**1**4%



**FACEBOOK FANS** 

5,922

Change from 2022:

**↑7.5**%



**YOUTUBE VIEWS** 

38,100

Change from 2022:

个13%



**LINKEDIN FOLLOWERS** 

20,330

Change from 2022:

**^37%** 





FANS & FOLLOWERS ACROSS ALL NETWORKS

**45,861** 

**↑15%** FROM 2022

POST IMPRESSIONS ACROSS ALL NETWORKS

709,087

**↑1.9%** FROM 2022

PAGE &
PROFILE REACH
ACROSS ALL
NETWORKS
736,358

135%



PAGE & PROFILE IMPRESSIONS ACROSS ALL NETWORKS

1,052,378

**108%** FROM 2022

#### **Outstanding contributions to Public Health in Canada**

In 2023, the Canadian Public Health Association honoured these very deserving recipients for exceptional service to their community and profession.



R.D. Defries Award Cecilia Benoit, FRSC



**Honorary Life Membership** Drona P. Rasali



**Certificate of Merit** Caroline Quach-Thanh



National Public Health Hero Award Donald MacPherson

#### **Canadian Public Health Association 2023 Board of Directors**

CHAIR	Vamini Selvanandan, BSc, MD, CCFP
CHAIR-ELECT	Jason Cabaj, MD, MSc, FRCPC
DIRECTORS	Nashreen Dhalla, RN (C), BSN, BSc
	Monica Emode, BA, MSc (c)
	Yipeng Ge, MD, BHSc
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	Ashley Joyce, BA, BScN, RN, MPH(c)
	Camisha Rahmatian, BA, BASc (c)
	Laura Taylor, BSc, MPH
	Bilqis Williams, MPH, DF-FIGHR

#### **Public Health Supporters**

CONFERENCE COLLABORATORS	Assembly of First Nations				
	Canadian Alliance for Regional Risk Factor Surveillance				
	Canadian Institute for Health Information				
	Canadian Institutes of Health Research				
	Métis National Council				
	National Collaborating Centres for Public Health				
	Network of Schools and Programs of Population and Public Health				
	Pan American Health Organization				
	Public Health Agency of Canada				
	Public Health Physicians of Canada				
CORPORATE SPONSORS	AstraZeneca Canada Inc.	Novovax, Inc.			
	Bavarian Nordique	Pfizer Canada			
	GSK	Sanofi Canada			
	Innovative Medicines Canada	CSL Segirus			
	Janssen Inc.	Valneva			
	Merck & Co. Inc.	VBI Vaccines			
	Moderna, Inc.				

#### **Financial results**

For the fiscal year ending 31 December 2023.

Audited financial statements are available at www.cpha.ca.

CURRENT ASSETS         2023         2022         2021           Cash and cash equivalents         \$908,434         \$1,419,496         \$1,676,079           Accounts receivable         536,775         836,880         580,184           Inventory         24,400         28,447         38,892           Prepaid expenses         46,692         48,057         81,759           Long-term investments         -         -         -         -         -           Long-term investments         - <t< th=""><th>Statement of Financial Position</th><th></th><th></th><th></th></t<>	Statement of Financial Position			
Cash and cash equivalents         \$908,434         \$1,419,496         \$1,676,079           Accounts receivable         536,775         836,880         580,184           Inventory         24,400         28,447         38,892           Prepaid expenses         46,692         48,057         81,759           Long-term investments         -         -         -         -           Long-term investments         -         -         -         -           CURRENT LIABILITIES         ***         \$548,772         \$555,994           Deferred revenue         434,223         855,169         1,019,661           Deferred revenue         434,223         855,169         1,019,661           MET ASSETS         ***         ***         1,403,941         1,575,655           NET ASSETS         ***         ***         426,923         503,939         376,259           Unrestricted for contingencies and extraordinary services         425,000         425,000         425,000           Unrestricted for contingencies and extraordinary services         425,000         425,000         425,000           Unrestricted for contingencies and extraordinary services         426,923         503,939         376,259           REVENUE         2023	CURRENT ASSETS	2023	2022	2021*
Nemotory   24,400   28,447   38,892   Prepaid expenses   46,692   48,057   81,759   1,516,301   2,332,880   2,376,914   2,376,914   2,332,880   2,376,914   2,376,914   2,332,880   2,332,880   2,376,914   2,332,880   2,332,880   2,376,914   2,332,880   2,332,880   2,376,914   2,332,880   2,332,880   2,376,914   2,332,880   2,332,880   2,376,914   2,332,880   2,33		\$908,434	\$1,419,496	\$1,676,079
Prepaid expenses         46,692         48,057         81,759           Long-term investments         1,516,301         2,332,880         2,376,914           Long-term investments         −         \$1,516,301         \$2,332,880         \$2,376,914           CURRENT LIABILITIES           Accounts payable and accrued liabilities         \$230,155         \$548,772         \$555,994           Deferred revenue         434,223         855,169         1,019,661           664,378         1,403,941         1,575,655           NET ASSETS         S         V         425,000         425,000         425,000         425,000           Unrestricted         426,923         503,939         376,259         861,923         928,939         801,25	Accounts receivable	536,775	836,880	580,184
1,516,301   2,332,880   2,376,914     Long-term investments	Inventory	24,400	28,447	38,892
Long-term investments         —	Prepaid expenses	46,692	48,057	81,759
CURRENT LIABILITIES           Accounts payable and accrued liabilities         \$230,155         \$548,772         \$555,994           Deferred revenue         434,223         855,169         1,019,661           664,378         1,403,941         1,575,655           NET ASSETS           Internally restricted for contingencies and extraordinary services         425,000         425,000         425,000           Unrestricted         426,923         503,939         376,259           851,923         928,939         801,259           \$1,516,301         \$2,332,880         \$2,376,914           Statement of Operations           REVENUE         2023         2022         2021           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178<		1,516,301	2,332,880	2,376,914
CURRENT LIABILITIES	Long-term investments	_	_	_
Accounts payable and accrued liabilities         \$230,155         \$548,772         \$555,994           Deferred revenue         434,223         855,169         1,019,661           664,378         1,403,941         1,575,655           NET ASSETS           Internally restricted for contingencies and extraordinary services         425,000         425,000         425,000           Unrestricted         426,923         503,939         376,259           851,923         928,939         801,259           851,923         928,939         801,259           Projects and conferences         \$3,416,360         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289 </td <td></td> <td>\$1,516,301</td> <td>\$2,332,880</td> <td>\$2,376,914</td>		\$1,516,301	\$2,332,880	\$2,376,914
Accounts payable and accrued liabilities         \$230,155         \$548,772         \$555,994           Deferred revenue         434,223         855,169         1,019,661           664,378         1,403,941         1,575,655           NET ASSETS           Internally restricted for contingencies and extraordinary services         425,000         425,000         425,000           Unrestricted         426,923         503,939         376,259           851,923         928,939         801,259           851,923         928,939         801,259           Projects and conferences         \$3,416,360         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289 </td <td>CURRENT LIABILITIES</td> <td></td> <td></td> <td></td>	CURRENT LIABILITIES			
Deferred revenue         434,223         855,169         1,019,661           NET ASSETS         Internally restricted for contingencies and extraordinary services         425,000         425,010         425,010         425,010         425,010         425,010         425,010         425,010         425,000         425,000		\$230.155	\$548.772	\$555.994
NET ASSETS         425,000         425,000         425,000           Unrestricted         426,923         503,939         376,259           851,923         928,939         801,259           \$1,516,301         \$2,332,880         \$2,376,914           Statement of Operations           REVENUE         2023         \$02,22         2021           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           \$4,127,130         \$5,222,703         \$4,445,659           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         \$425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,955	, ,			
Internally restricted for contingencies and extraordinary services				
Internally restricted for contingencies and extraordinary services   425,000   425,000   425,000   425,000   425,000   425,000   425,000   425,000   425,000   425,000   376,259   851,923   503,939   376,259   851,923   928,939   801,259   \$1,516,301   \$2,332,880   \$2,376,914   \$2020   \$2,332,880   \$2,376,914   \$2020   \$2,332,880   \$2,376,914   \$2020   \$2,332,880   \$2,376,914   \$2020   \$2,332,880   \$2,376,914   \$2020   \$2,332,880   \$2,376,914   \$2020   \$2,320   \$2,320   \$2,2	NET ASSETS			
Unrestricted         426,923         503,939         376,259           851,923         928,939         801,259           \$1,516,301         \$2,332,880         \$2,376,914           Statement of Operations           REVENUE         2023         2022         2021           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950		ices 425,000	425,000	425,000
851,923         928,939         801,259           \$1,516,301         \$2,332,880         \$2,376,914           Statement of Operations           REVENUE         2023         2022         2021           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           \$4,127,130         \$5,222,703         \$4,445,659           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950			ŕ	,
Statement of Operations         \$1,516,301         \$2,332,880         \$2,376,914           REVENUE         2023         2022         2021           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           \$4,127,130         \$5,222,703         \$4,445,659           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950			,	
REVENUE         2023         2022         2021           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           EXPENSES         *4,127,130         \$5,222,703         \$4,445,659           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950				
REVENUE         2023         2022         2021           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           EXPENSES         *4,127,130         \$5,222,703         \$4,445,659           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950				
Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           *4,127,130         *5,222,703         *4,445,659           **EXPENSES*         **Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950	Statement of Operations			
National Office         562,267         508,565         510,946           Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950	REVENUE	2023	2022	2021
Canadian Journal of Public Health         94,779         116,828         93,006           Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           \$4,127,130         \$5,222,703         \$4,445,659           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950	Projects and conferences	\$3,416,362	\$4,549,863	\$3,815,178
Publication sales         25,353         35,160         24,429           Investment income         28,369         12,287         2,100           \$4,127,130         \$5,222,703         \$4,445,659           EXPENSES           Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950	National Office	562,267	508,565	510,946
Investment income         28,369         12,287         2,100           \$4,127,130         \$5,222,703         \$4,445,659           EXPENSES         Projects and conferences         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950	Canadian Journal of Public Health	94,779	116,828	93,006
EXPENSES         \$3,416,362         \$4,549,863         \$3,815,178           National Office         670,549         425,271         404,970           Canadian Journal of Public Health         95,984         89,437         73,289           Publication sales         21,251         30,452         25,950	Publication sales	25,353	35,160	24,429
EXPENSES         Projects and conferences       \$3,416,362       \$4,549,863       \$3,815,178         National Office       670,549       425,271       404,970         Canadian Journal of Public Health       95,984       89,437       73,289         Publication sales       21,251       30,452       25,950	Investment income	28,369	12,287	2,100
Projects and conferences       \$3,416,362       \$4,549,863       \$3,815,178         National Office       670,549       425,271       404,970         Canadian Journal of Public Health       95,984       89,437       73,289         Publication sales       21,251       30,452       25,950		\$4,127,130	\$5,222,703	\$4,445,659
Projects and conferences       \$3,416,362       \$4,549,863       \$3,815,178         National Office       670,549       425,271       404,970         Canadian Journal of Public Health       95,984       89,437       73,289         Publication sales       21,251       30,452       25,950	EVDENCES			
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Canadian Journal of Public Health       95,984       89,437       73,289         Publication sales       21,251       30,452       25,950	•			
Publication sales 21,251 30,452 25,950				
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<sup>\*</sup> During the 2022 fiscal year, a project funder determined that certain prior year salary costs were ineligible to be claimed. This has been corrected retrospectively in the comparative financial information.

\$127,680

\$126,272

(\$77,016)

Excess (deficiency) of revenues over expenses