EHAC · ASEC
Environmental Health Association of Canada
Association pour la Santé Environnementale du Canada

ASEQ – EHAQ
Association pour la santé environnementale du Québec
Environmental Health Association of Quebec

Selected Research and Resources on Multiple Chemical Sensitivity (MCS)

Peer-Reviewed Published Research

1. Bray, R., Wang, Y., Argiropoulos, N., Robins, S., Molot, J., Pigeon, M. A., ... & Peris, R. (2024). The Impact of COVID-19 Health Measures on Adults With Multiple Chemical Sensitivity: Cross-Sectional Study. *JMIR Formative Research*, *8*(1), e48434. doi:10.2196/48434

2. Diallo, N. A., Molot, J., Bray, R., Trifunovski, A., & Peris, R. (2026). Self-Reported Chemical Exposures at Onset and Symptom Provocation in Adults with Multiple Chemical Sensitivity: A Descriptive Cross-Sectional Survey. *International Journal of Environmental Research and Public Health*, *23*(9), 1092. https://doi.org/10.3390/ijerph23091092

3. Diallo, N. A., Molot, J., Bray, R., Trifunovski, A., & Peris, R. (2026). Healthcare Access for Adults with Multiple Chemical Sensitivity in Canada: A Descriptive Online Cross-Sectional Survey. *International Journal of Environmental Research and Public Health*, *23*(9), 1193. https://doi.org/10.3390/ijerph23091193

4. Diallo, N. A., Molot, J., Bray, R., Trifunovski, A., & Peris, R. (2026). When disability recognition fails: Accommodation refusals and socioeconomic challenges among Canadians with multiple chemical sensitivity. *International Journal of Environmental Research and Public Health*, *23*(8), 1076. https://doi.org/10.3390/ijerph23081076

5. Molot, J., Sears, M., & Anisman, H. (2023). Multiple chemical sensitivity: It's time to catch up to the science. *Neuroscience & Biobehavioral Reviews*, *151*, 105227. https://doi.org/10.1016/j.neubiorev.2023.105227

6. Psaradellis, E. (2025). Redefining Clinical Perspectives on MCS: Toward an Evidence-Based, Multisystem Model. Comment on Jacques, L. Multiple Chemical Sensitivity: A Clinical Perspective. Brain Sci. 2024, 14, 1261. *Brain Sciences*, *15*(7), 747. https://doi.org/10.3390/brainsci15070747

7. Roy, S., Diallo, N. A., Molot, J., Lattanzio, R., Bray, R., Armstrong, J., & Peris, R. (2026). Fragrance-Free Policies in Practice: Identifying Perceived Implementation Gaps Through Lived Experience in a Qualitative-Dominant Mixed-Methods Study. *International Journal of Environmental Research and Public Health*, *23*(8), 1077. https://doi.org/10.3390/ijerph23081077

8. Roy, S., Molot, J., Lattanzio, R., Armstrong, J., Bray, R., Trifunovski, A., & Peris, R. (2026). Fragrance-Free Policies: A Scoping Review of Definitions, Implementation, and Gaps. *International Journal of Environmental Research and Public Health*, *23*(8), 1089. https://doi.org/10.3390/ijerph23081089

9. Yousufzai, S. J., Psaradellis, E., Peris, R., & Barakat, C. (2025). A Qualitative Exploration of Policy, Institutional, and Social Misconceptions Faced by Individuals with Multiple Chemical Sensitivity. International Journal of Environmental Research and Public Health, 22(9), 1383. https://doi.org/10.3390/ijerph22091383

10. Vangala, K., Molot, J., Trifunovski, A., & Peris, R. (2026). From Invisibility to Inclusion: Evidence, Lived Experience, and Policy Directions for Multiple Chemical Sensitivity. Report from the Resilience 2025 International Conference. International Journal of Environmental Research and Public Health, 23(3), 280. https://www.mdpi.com/1660-4601/23/3/280

Research Preprints

The following manuscripts are available as preprints and have not yet completed journal peer review.

1. Diallo, N. A., Trifunovski, A., Lattanzio, R., Molot, J., Bray, R., Gaudet, M., Roy, S., & Peris, R. (2026). A Mixed-Method Assessment of Environmental Accessibility in Canadian Office Spaces: A Triangulation of IAQ Testing, Occupant Health Surveys,

Scent-Free Policy Implementation, and Lived Experience. Preprints. https://doi.org/10.20944/preprints202611.1466.v1

2. Roy, S., Peris, R., Molot, J., Lattanzio, R., Bray, R., & Armstrong, J. (2026). Toward a Model Fragrance-Free Policy: An Indoor Air Quality Source-Control Framework for Accessibility and Inclusion. Preprints. https://www.preprints.org/manuscript/202611.1182

3. Trifunovski, A., Lattanzio, R., Molot, J., Bray, R., Gaudet, M., Diallo, N. A., Roy, S., & Peris, R. (2026). Technician Preparation and Source-Control for Indoor Air Quality Monitoring: Proposal of a Preliminary Precautionary Framework. Preprints. https://doi.org/10.20944/preprints202611.1478.v1

4. Trifunovski, A., Lattanzio, R., Molot, J., Bray, R., Gaudet, M., Diallo, N. A., Roy, S., & Peris, R. (2026). Hidden Hazards: Conventional Fragranced vs Green Fragrance-Free Cleaning Product Testing. Preprints. https://doi.org/10.20944/preprints202611.1471.v1

5. Trifunovski, A., Lattanzio, R., Molot, J., Bray, R., Barakat, C., Chan, A. W., Diallo, N. A., & Peris*, R. (2026). Scent-Free Policies with Reported Use of Scent-free Products and Indoor Air Quality: Associations with Reduced Volatile Organic Compound Concentrations in Office Environments. Preprints. https://doi.org/10.20944/preprints202607.0676.v1

Additional Resources

1. American Medical Association. (2025). *Fragrance Regulation H-135.902.* https://policysearch.ama-assn.org/policyfinder/detail/%22Fragrance%20Regulation%20H-135.902%22?uri=%2FAMADoc%2FHOD.xml-H-135.902.xml

2. Association pour la santé environnementale du Québec - Environmental Health Association of Québec (ASEQ-EHAQ). (2026). *Environmental justice must include environmental accessibility.* https://aseq-ehaq.ca/wp-content/uploads/2026/08/Environmental_Justice_MCS_Consultation-1.pdf

3. Association pour la santé environnementale du Québec - Environmental Health Association of Québec (ASEQ-EHAQ). (2026). *Socioeconomic impact of MCS in Canada*. https://aseq-ehaq.ca/wp-content/uploads/2026/08/Socioeconomic-Impact-of-MCS-in-Canada.pdf

4. Canadian Medical Association. (2026). *American Medical Association fragrance regulation*. https://policybase.cma.ca/link/policy14558

5. Canadian Human Rights Commission. (2026). *Environmental sensitivities and scent-free policies*. https://www.chrc-ccdp.gc.ca/resources/publications/environmental-sensitivities-and-scent-free-policies

6. Environmental Health Association of Canada – Association pour la santé environnementale du Canada (EHAC-ASEC). (2026). *Retaliation following requests for accommodation.* https://ehac-asec.ca/wp-content/uploads/2026/07/retaliation-following-requests-for-accommodation.pdf

7. Environmental Health Association of Canada – Association pour la santé environnementale du Canada (EHAC-ASEC). (2026). *Healthcare access for people with multiple chemical sensitivity in Canada.* https://ehac-asec.ca/wp-content/uploads/2026/10/Healthcare-Access-for-People-with-Multiple-Chemical-Sensitivity-in-Canada.pdf

8. Government of Canada. *Accessible Canada Act*, S.C. 2019, c. 10 (2019). https://laws-lois.justice.gc.ca/eng/acts/A-0.6/FullText.html

9. Statistics Canada. (2025). *Canadian Community Health Survey (CCHS)—Annual Component, 2025 (January-July): Multiple chemical sensitivity custom tabulation, Canada excluding territories, population aged 18 years and older* (Survey No.3226). Government of Canada.
Summary available at: https://aseq-ehaq.ca/wp-content/uploads/2026/06/2025-Statistics-Canada-MCS-Data_june.pdf

10. United Nations Committee on the Rights of Persons with Disabilities. (2025). *Concluding observations on the combined second and third periodic reports of Canada.* https://tbinternet.ohchr.org/_layouts/15/treatybodyexternal/Download.aspx?symbolno=CRPD%2FC%2FCAN%2FCO%2F2-3&Lang=en

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