



Smoking in designated indoor spaces

Public Health Perspectives

Shisha smoking in public places

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Edmonton and area – healthy behaviours and risk factors

EDMONTON ZONE Health Profile 2020

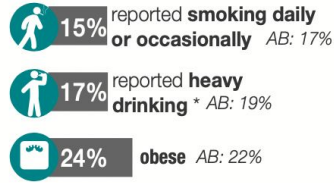
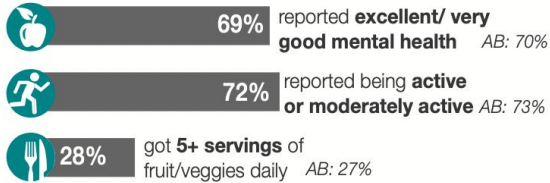


Healthy Behaviors & Risk Factors

2017



3 in 5
respondents reported that their health was excellent/very good
AB: 3 in 5



* 5+ (males) or 4+ (females) drinks once per month

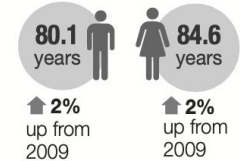
Life Expectancy

2019

At birth, a child in our zone is expected to live



AB: 82.3



HEALTHY CITY



URBAN PLACES



REGIONAL PROSPERITY



CLIMATE RESILIENCE

INDICATOR CATEGORIES FOR MONITORING CHANGE AND IMPACT TO HEALTHY CITY

- Community Wellness
- Equity
- Neighbourly
- Personal Wellness

Public health risks – what health risks and who is impacted by waterpipe product smoking in public places

Health harms to self (cancer, heart disease, lung disease)

Potentially exposes peers to carcinogenic toxins, carbon monoxide, polyaromatic hydrocarbons, volatile aldehydes.

Social modelling and ease of access for youth

Commercialization to increase appeal

Drifting second-hand smoke exposure

Spread of infectious diseases

Precarious employment conditions

Employees of establishment

Health inspectors, enforcement personnel, first responders

Public health risk management for smoking in public places

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(cancer, heart disease, lung disease)

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Smoking restrictions in public places (*Bylaw 14614*)

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Public health risk management for smoking in public places

Waterpipe smoking – Individual practice

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Impacts on Indoor Air Quality

- 2012: *Environmental Public Health Indoor Air Quality Manual* (GOA, AHS)
- Herbal (non-tobacco) ≠ Safer
- Conclusion: eliminate indoor smoking to reduce risk of adverse outcomes
- US Surgeon General, WHO: similar conclusions

ASHRAE's Position (2020)

- Engineering controls insufficient to provide full exposure against environmental tobacco smoke
- Ventilation standards cannot claim to provide acceptable indoor air quality in smoking spaces
- Electrical = Charcoal heating □ toxicants
- Ban all smoking inside and near buildings to avoid health effects

Smoking shisha in public places

