

# COVID-19, ALCOHOL and CANNABIS USE



There are increased risks associated with alcohol and cannabis use during the COVID-19 pandemic.

## WHAT YOU SHOULD KNOW

### Alcohol, cannabis use and the immune system:



Excessive or high-risk cannabis and alcohol use\* can weaken your immune system and make you more susceptible to COVID-19 and other illness.

### The conditions around COVID-19 may lead people to increase alcohol and cannabis use due to:



Feeling stress and anxiety from the pandemic and economic downturn



Feelings of social isolation and loneliness due to physical distancing



Blurring of daily and weekly routines because of the closing of non-essential workplaces



More alcohol and cannabis in the home from stockpiling

\* For more information on reducing risk, see **Canada's Low-Risk Alcohol Drinking Guidelines** and **Canada's Lower-Risk Cannabis Use Guidelines**.

If you are seeking support for substance use visit, [www.ccsa.ca/addictions-treatment-helplines-canada](http://www.ccsa.ca/addictions-treatment-helplines-canada)

Canadian Centre on Substance Use and Addiction (2020). *COVID-19 and cannabis smoking and vaping: Four things you should know*. Ottawa, Ont.: Canadian Centre on Substance Use and Addiction.

Simet, S. M., & Sisson, J. H. (2015). *Alcohol's effects on lung health and immunity*. *Alcohol Research: Current Reviews*, 37(2), 199.

Szabo, G., & Saha, B. (2015). *Alcohol's effect on host defense*. *Alcohol Research: Current Reviews*, 37(2), 159.

Sinha, R. (2008). *Chronic stress, drug use, and vulnerability to addiction*. *Annals of the New York Academy of Sciences*, 1141, 105.

Andersen, S. L. (2019). *Stress, sensitive periods, and substance abuse*. *Neurobiology of stress*, 10, 100140.

Leigh-Hunt, N., Bagguley, D., Bash, K., Turner, V., Turnbull, S., Valtorta, N., & Caan, W. (2017). *An overview of systematic reviews on the public health consequences of social isolation and loneliness*. *Public Health*, 152, 157-171.

Paradis, C., Demers, A., Picard, E., & Graham, K. (2009). *The importance of drinking frequency in evaluating individuals' drinking patterns: Implications for the development of national drinking guidelines*. *Addiction*, 104(7), 1179-1184.

