



Appendix 1 – Hepatitis B and Hepatitis C Endemic Countries

Complete lists of Hepatitis B and Hepatitis C endemic countries may be found in the CDC Yellow Book 2020, Chapter 4, [Hepatitis B](#) and [Hepatitis C](#).

Offer one-time hepatitis B screening to people originating from countries with prevalence rates $\geq 2\%$, and immunize as appropriate.¹ Offer one-time hepatitis C screening to people originating from countries with prevalence rates $> 3\%$.² Follow-up testing thereafter should be based upon a risk assessment.

CASL recommends screening individuals born or living in the following areas:

- Central, East and South Asia
- Australasia and Oceania
- Eastern Europe
- Sub-Saharan Africa
- North Africa or Middle East

Hepatitis B and C in British Columbia

Consideration of local data may be more relevant and able to help further guide clinical practice. The following tables list the top countries of origin of people diagnosed with hepatitis B or C in British Columbia.³

Hepatitis B in British Columbia

Region	Countries <i>In descending order of prevalence within each region</i>
Central, East or South Asia	China, Hong Kong, Taiwan, Korea, Japan, Vietnam, Pakistan, India, Bangladesh
Eastern Europe	Russia, Ukraine, Romania, Cyprus
South America	Brazil
Sub-Saharan Africa	Nigeria, Ghana, Somalia
North Africa or Middle East	Iran, Turkey

Hepatitis C in British Columbia

Region	Countries <i>In descending order of prevalence within each region</i>
Central, East or South Asia	China, Hong Kong, Taiwan, Vietnam, Pakistan, India
Eastern Europe	Russia, Romania, Ukraine, Cyprus
Sub-Saharan Africa	Somalia
North Africa or Middle East	Iran, Turkey, Lebanon, Egypt

¹ Greenaway C, et al. Canadian Collaboration for Immigrant and Refugee Health (CCIRH). Appendix 5: Hepatitis B: evidence review for newly arriving immigrants and refugees. 2011. Available from: <http://www.cmaj.ca/content/cmaj/suppl/2010/06/07/cmaj.090313.DC1/imm-hepb-5-at.pdf>

² Shah H, Bilodeau M, Burak KW, Cooper C, Klein M, Ramji A, Smyth D, Feld JJ. The management of chronic hepatitis C: 2018 guideline update from the Canadian Association for the Study of the Liver. CMAJ. 2018 Jun 4;190(22):E677-87. Available from: <http://www.cmaj.ca/content/cmaj/190/22/E677.full.pdf>

³ British Columbia Hepatitis Testers Cohort (BC-HTC). Countries of origin of persons diagnosed with Hepatitis C between 2011-2015 as identified with the validated name-recognition software Onomap. Unpublished data. Note: China, Hong Kong and Taiwan are grouped due to similarities in naming.