# STBBI Action Plan Update

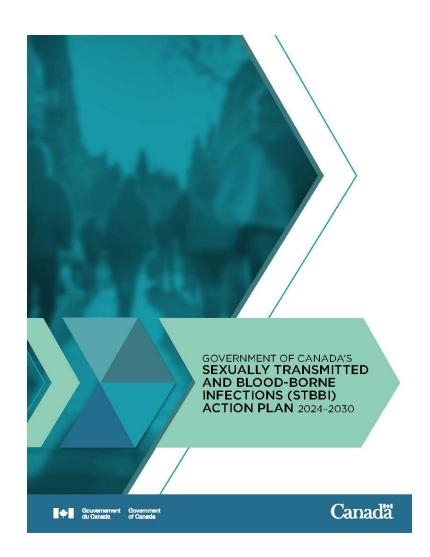
STBBI Surveillance Division





### **Outline**

- Brief overview of STBBI surveillance, modelling, and guidance activities at PHAC
- Update on relevant items from the STBBI Action Plan



## **Key Activities (1)**

### **Epidemiological monitoring of nationally notifiable STBBI**

- Routine case surveillance, enhanced monitoring of antimicrobial resistant gonorrhea, Tracks biobehavioural surveillance among key populations.
- Improving reporting on HIV care cascade indicators, including by sex and geography (P/T); HIV-PrEP uptake; and estimates of hepatitis C prevalence, incidence, and treatment.
- Working closely with PTs, civil society and key populations to increase utility of national surveillance data for stakeholders.

#### Field Surveillance

 Support 6 provinces (BC, AB, SK, MB, ON, NS) with federal epidemiologists placed in provincial public health authorities on joint federal and provincial STBBI surveillance and epidemiology initiatives.

### **Modelling & Projections**

 Historically served STBBI programs areas, pandemic influenza preparedness and vaccination programs in CIRID, as well as responded to SARS (2003), H1N1 (2009-10) and COVID-19.

#### **Working Groups**

 Collaborates with expert working groups composed of people from Black communities, and First Nations, Inuit, and Métis populations, who provide input to strengthen HIV and STBBI data.

## **Key Activities (2)**

### **STBBI Guides for health professionals**

PHAC's <u>STBBI guides</u> for healthcare providers and public health professionals outline national
recommendations for the screening and diagnosis of STBBI, and the treatment of sexually transmitted
infections of national public health importance.

#### **Evidence synthesis and mobilization**

Reviewing updated evidence on the sexual transmission of HIV to support justice reform and U=U
messaging.

#### Risk assessment

Detection of and response to emerging public health threats posed by STBBI.

# **Enabling environment**

Action	Recent activities
Synthesize and disseminate evidence on HIV transmission risk and the public health implications	<ul> <li>Manuscript on risk of sexual transmission of HIV with VL 200-1000 submitted</li> </ul>
Improve monitoring of STBBI trends and facilitate access to data on key STBBI	<ul> <li>First-ever HBV estimates of incidence and prevalence</li> <li>Improved accessibility of information through data blogs (HCV treatment, PWID experiences of stigma) and dashboards (gonorrhea AMR, mpox)</li> </ul>
Collaborate with communities affected by STBBI to inform responsible and culturally appropriate usage, integrating diverse ways of understanding health and well-being, including Indigenous Ways of Knowing and Doing as appropriate	<ul> <li>Regular meetings and discussions on these topics with the Black Expert Working Group and First Nations, Inuit, and Metis Working Group for HIV and Syphilis Surveillance</li> <li>Ongoing work with community experts to improve STBBI data for Black people and First Nations, Inuit, and Metis Peoples</li> </ul>
Review and adapt national surveillance methods in collaboration with PT and community partners to improve reporting on STBBI epidemiology and monitor progress toward elimination goals	<ul> <li>Revised hep C national case definition</li> <li>HBV and HCV biobank study using CHMS</li> <li>Continue to convene partners on infectious and congenital syphilis monitoring and response (SOICC)</li> </ul>

Prevention, Initiation of care and treatment, Ongoing care and support

Action	Progress and status
Strengthen public health capacity to respond to emerging and re-emerging STBBI public health threats by developing robust risk assessment processes and embedding public health personnel in provinces and territories	<ul> <li>Ongoing work to integrate risk assessment into routine public health surveillance practices</li> <li>Assessment of signals related to mpox, HIV, gonorrhea</li> <li>4/6 field surveillance officer positions filled</li> <li>Support field placements as subject matter experts</li> </ul>
Provide policy and technical guidance to inform the uptake of evidence based biomedical prevention tools (e.g., HIV PrEP and vaccination) and other potentially emerging biomedical prevention tools	<ul> <li>NAC-STBBI recommendations on doxycycline post- exposure prophylaxis (Doxy-PEP) for cisgender GBMSM and transgender women will be published soon</li> </ul>
Assess and report on ongoing gaps for STBBI treatment and care, to inform uptake initiatives among key populations	<ul> <li>Publication of analyses on HIV care cascade, HCV treatment, gonorrhea treatment appropriateness among GBMSM</li> </ul>
Equip healthcare professionals with readily accessible resources and tools to support the delivery of comprehensive, holistic, trauma-informed, stigma and discrimination free, and culturally safe STBBI and sexual health care and support.	<ul> <li>Published two journal articles on syphilis POCT</li> <li>Gonorrhea treatment recommendations</li> <li>Chlamydia/gonorrhea screening recommendations</li> <li>Knowledge mobilization resources (e.g. fact sheets, presentations)</li> </ul>