

Program/Service Information Report
Clinical Services Annual Review
January 2022 to December 2022

To: Chair and Members of the Board of Health

Meeting Date: February 1, 2023

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Prepared By: Camille Loucks, RN, MScN, PHC-NP
Manager, Clinical Services

Approved By: Rita Isley, RN, MPH
Director of Community Health and Chief Nursing Officer

Submitted By: Dr. Nicola J. Mercer, MD, MBA, MPH, FRCPC
Medical Officer of Health & CEO

Key Points

- Wellington Dufferin Guelph Public Health (WDGPH) received one Adverse Event Following Immunization report for vaccinations in school-based programs for 2022.
- WDGPH had stable or lower than provincial rates for Hepatitis C (Hep C), gonorrhea and all types of syphilis cases.
- 100% compliance was attained for all Tuberculosis (TB) treatment in active cases in Wellington, Dufferin, and Guelph (WDG).

Program Requirements

Compliance with OPHS and Accountability Indicators:

In compliance

Not in compliance. If not in compliance, provide additional information about the variance and how it will be addressed.

Highlights

ADVERSE EVENTS FOLLOWING IMMUNIZATIONS (AEFI)

WDGPH is responsible to monitor the number of adverse events following immunization (AEFI) for the three vaccines administered through school-based programs, specifically Human Papilloma Virus (HPV), Meningococcal, and Hepatitis B (Hep B).

- WDGPH administered over 10,000 vaccines in the school-based program for 2021/2022. In 2022, there was one AEFI related to vaccines administered through school-based programs. The client experienced an adverse response for 1 week post vaccination. After review, recommendations were that the client be assessed by an immunologist prior to any further immunization by either vaccine.

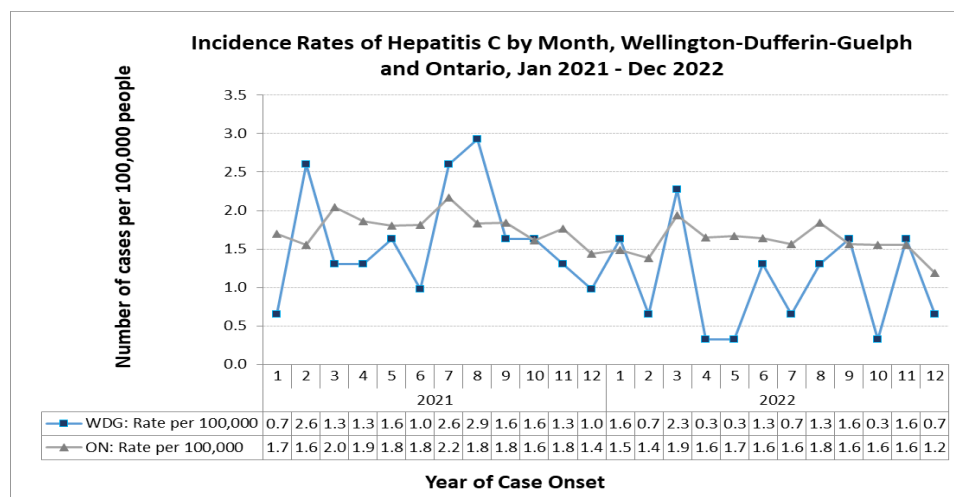
INCIDENCE HEPATITIS C (HEP C)

Hepatitis C is a blood borne infectious disease reported to public health units to ensure appropriate follow up and management of the spread of disease.

Annual number of cases:

- WDG total number of cases (2021): **60**
- WDG total number of cases (2022): **39**

Monthly incidence rates (Number of cases per 100,000): WDG and Ontario:



The total number of cases of Hep C decreased in WDGPH in 2022 from 2021 despite increased surveillance. Since reopening sexual health clinics in July 2022, WDGPH continues to routinely screen for Hep C.

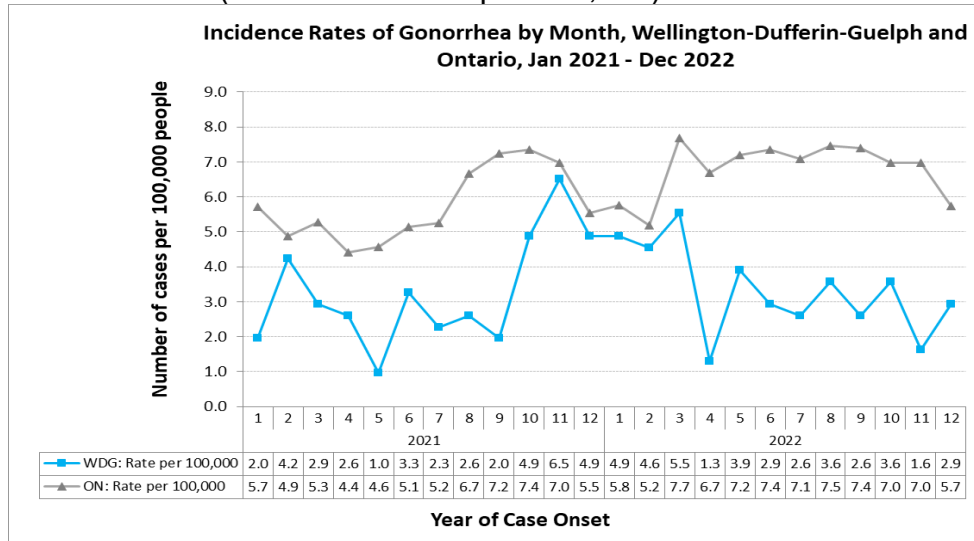
INCIDENCE OF GONORRHEA

Gonorrhea is a sexually transmitted infectious disease reported to public health units to ensure appropriate follow up and management of the spread of disease.

Annual number of cases:

- WDG total number of cases (2021): **120**
- WDG total number of cases (2022): **123**

Monthly incidence rates (Number of cases per 100,000): WDG and Ontario:



The number of gonorrhoea cases remained stable in WDG region during 2022. Cases remained well below provincial averages especially from April to December 2022. WDG reopened sexual health clinics in Guelph and Orangeville in July and August 2022, respectively, and the Fergus sexual health clinic opened in October 2022. WDG sexual health clinics provide routine sexual health screening to marginalized populations throughout our region.

INCIDENCE OF SYPHILIS

Syphilis is a sexually transmitted infectious disease reported to public health units to ensure appropriate follow up and management of the spread of disease. Syphilis is categorized three ways for this report:

Infectious Syphilis: a syphilis infection in the early stage. Infected individuals can spread the disease to other individuals.

Non-Infectious or Latent Syphilis: an individual who is still infected with syphilis but cannot spread the disease to another individual. In this stage the disease can impact other systems of the body.

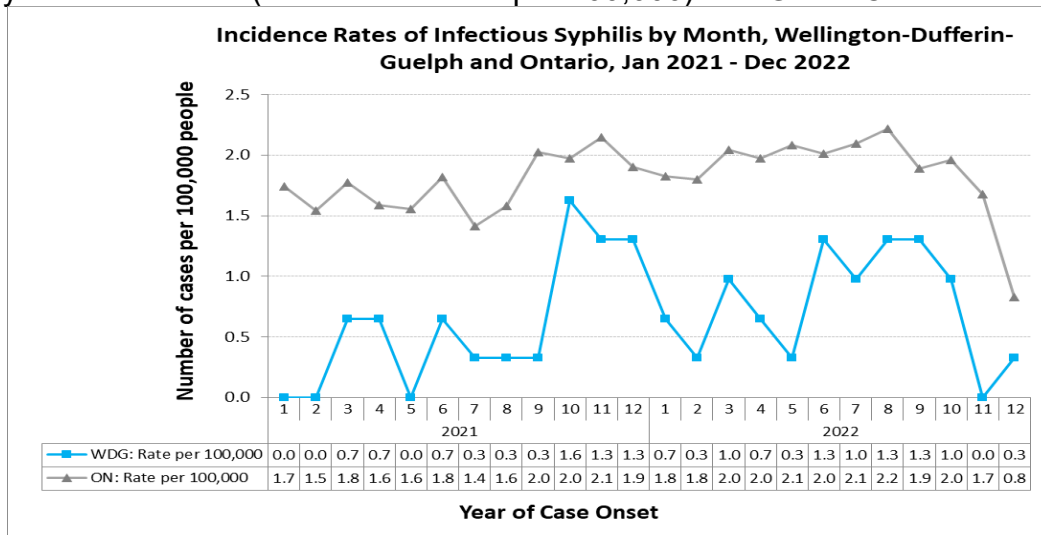
Congenital Syphilis: a disease that occurs when a mother with syphilis passes the infection on to her baby during pregnancy.

Syphilis (Infectious)

Annual number of cases:

- WDG total number of cases (2021): **22**
- WDG total number of cases (2022): **28**

Monthly incidence rates (Number of cases per 100,000): WDG and Ontario:



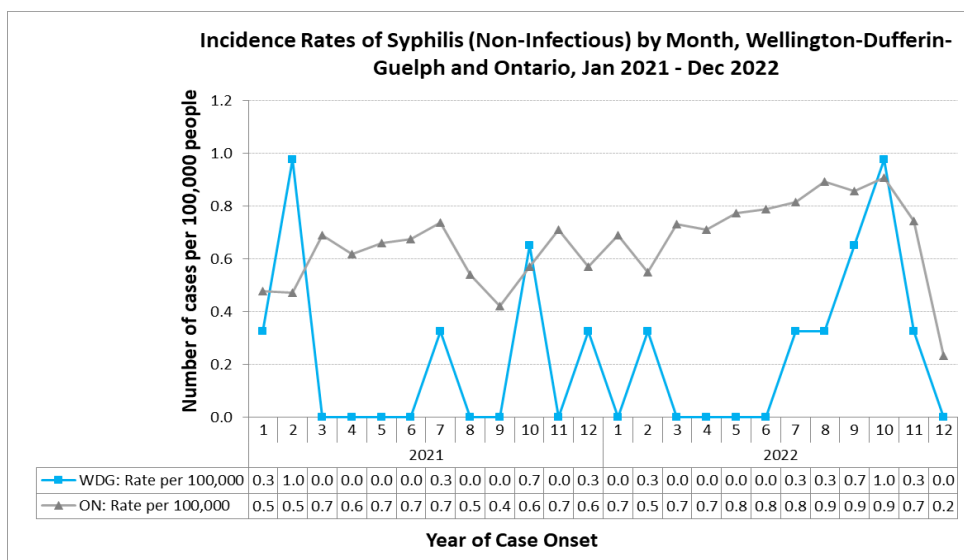
The number of total cases of infectious cases of syphilis in the WDG region increased in 2022 which is reflective of an overall provincial trend, however, the monthly rate of infectious syphilis remains well below provincial levels.

Syphilis (Non-Infectious/Latent)

Annual number of cases:

- WDG total number of cases (2021): **8**
- WDG total number of cases (2022): **9**

Monthly incidence rates (Number of cases per 100,000): WDG and Ontario:



The total number of non-infectious syphilis cases in 2022 remained stable in WDG. There was a notable spike in cases which began in June, peaked in October, and declined by December. This spike may reflect improved access to screening since WDGPH opened sexual health clinics.

Syphilis (Congenital)

There were no cases of congenital syphilis reported in WDG in 2022, which is a decrease from 2 reported cases in 2021. The overall provincial case rate was 10 in 2021 and 25 in 2022, which is a sizeable increase. So far, there has been no evidence of this trend in WDG, but we will continue to screen.

TUBERCULOSIS (TB) TREATMENT

WDGPH is responsible to monitor the percentage of active respiratory Tuberculosis (TB) cases that completed treatment.

- TB program had 100% compliance.
- In 2021 WDGPH had 5 active cases that initiated treatment but completed treatment in 2022.
- In 2022 WDGPH had one active case that initiated and completed treatment.
- WDGPH has 5 active cases that initiated treatment in 2022 and that treatment is currently ongoing.

Related Reports

BH.01.SEP0821.C04- Clinical Services January to June 2021