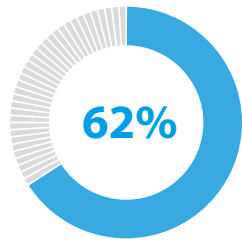


Gonorrhea in Durham Region

2017-2021

Gonorrhea is a sexually transmitted infection caused by bacteria

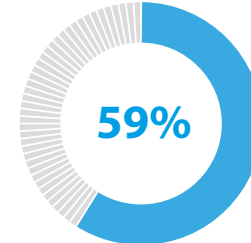
Quick Facts



of cases were male

On average,
390

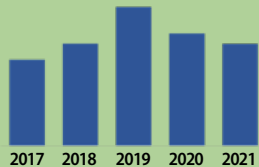
cases of gonorrhea were reported in Durham each year between 2017 and 2021



of cases were age 15-29 years



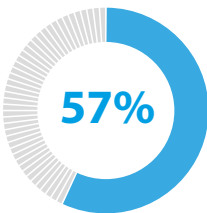
The average age at time of gonorrhea diagnosis was 31 years



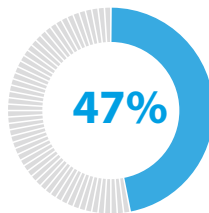
Cases peaked in 2019 (499) but have decreased since. Interpret 2020 and 2021 data with caution due to changes in the availability of health care and health seeking behaviour during the COVID-19 pandemic.

Symptoms

% of males reporting symptom

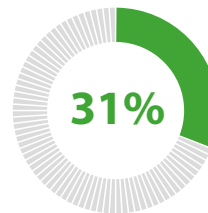


Purulent discharge

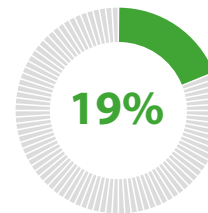


Urination difficulty

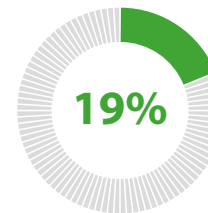
% of females reporting symptom



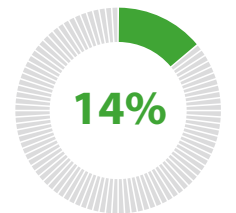
Purulent discharge



Urination difficulty



Abdominal pain



Abnormal vaginal bleeding



Did You Know? 15% of male cases and 34% of female cases reported having no symptoms

Risk Factors

78%

of cases reported



not using condoms

29%

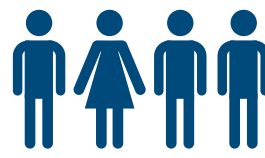
of cases reported



new sexual contact in the last 2 months

21%

of cases reported



multiple sexual contacts

9%

of cases reported



anonymous sex

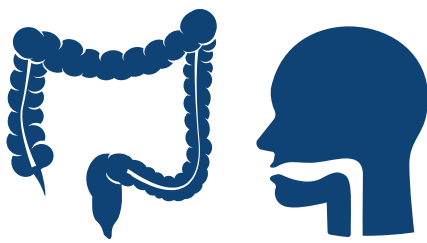
8%

of cases reported



a previous sexually transmitted infection

Testing and Treatment



Gonorrhea infections in rectal and pharyngeal sites can only be diagnosed by swab specimen collection

First-line therapy

Includes Ceftriaxone and Azithromycin



of gonorrhea cases were treated with first line therapy

For detailed guidelines on gonorrhea testing and treatment, see:
Ontario Gonorrhea Testing and Treatment Guide, Public Health Ontario
Canadian Guidelines on Sexually Transmitted Infections, Gonorrhea guide: Key information and resources

- Data Source: Ontario Ministry of Health, integrated Public Health Information System (iPHIS) database, 2017-2021
- To see Durham compared to Ontario and other public health units go to [Infectious Disease Trends in Ontario](#)