



# Infectious Diseases Prevention & Control (IDPC)

**Health & Social Services Committee**  
**March 6, 2025**

Jazin Bond, Manager, Population Health Division  
Marina Lee, Manager, Health Protection Division



# Infectious Diseases Prevention & Control



Reduce the spread of infectious diseases



Follow up and monitor the spread and identify outbreaks



Protect the public



Legislative requirement



# Diseases of Public Health Significance

The following diseases are reportable to the local Medical Officer of Health (Ontario Reg 135/18) under the *Health Protection and Promotion Act*. **Bolded** diseases must be reported **immediately**. All other diseases may be reported on the next work day.

## Report diseases listed below to: Population Health Division

605 Rossland Road East, 2nd Floor  
P.O. Box 730, Whitby, ON L1N 0B2  
Phone: 905-668-2020 or 1-800-841-2729 ext. 2996  
Confidential Fax: 905-666-6215  
After Hours: 905-576-9991 or 1-800-372-1104  
Online Reporting: [durham.ca/DophsReport](http://durham.ca/DophsReport)

Acquired Immunodeficiency Syndrome (AIDS)  
Acute Flaccid Paralysis (AFP)  
Chancroid  
Chickenpox (Varicella)  
*Chlamydia trachomatis* infections

### **Coronavirus, novel, including**

- **Severe Acute Respiratory Syndrome (SARS)**
- **Middle East Respiratory Syndrome**
- Coronavirus Disease (COVID-19)

### **Diphtheria**

Encephalitis, including:

1. Primary, viral
2. Post-infectious
3. Vaccine-related
4. Subacute sclerosing panencephalitis
5. Unspecified

## Report diseases listed below to: Health Protection Division

101 Consumers Drive, 2nd Floor, Whitby, ON L1N 1C4  
Phone: 905-668-2020 or 1-800-841-2729 ext. 7369 press option 2  
Confidential Fax: 905-666-1833  
After Hours: 905-576-9991 or 1-800-372-1104  
Online Reporting: [durham.ca/DophsReport](http://durham.ca/DophsReport)

Amebiasis

Anaplasmosis

**Anthrax**

Babesiosis

Blastomycosis

**Botulism**

**Brucellosis**

*Campylobacter* enteritis

**Candida auris**

Carbapenemase-producing Enterobacteriaceae (CPE),  
infection or colonization

Cholera

*Clostridium difficile* Infection (CDI) outbreaks in public hospitals

**Creutzfeldt-Jakob Disease, all types**

Cryptosporidiosis

Cyclosporiasis

*Echinococcus multilocularis*



## Sporadic Communicable Diseases

Rapid  
Investigation

Targeted  
Interventions





# Case and Contact Management

Identify and investigate the case



Contact tracing and monitoring

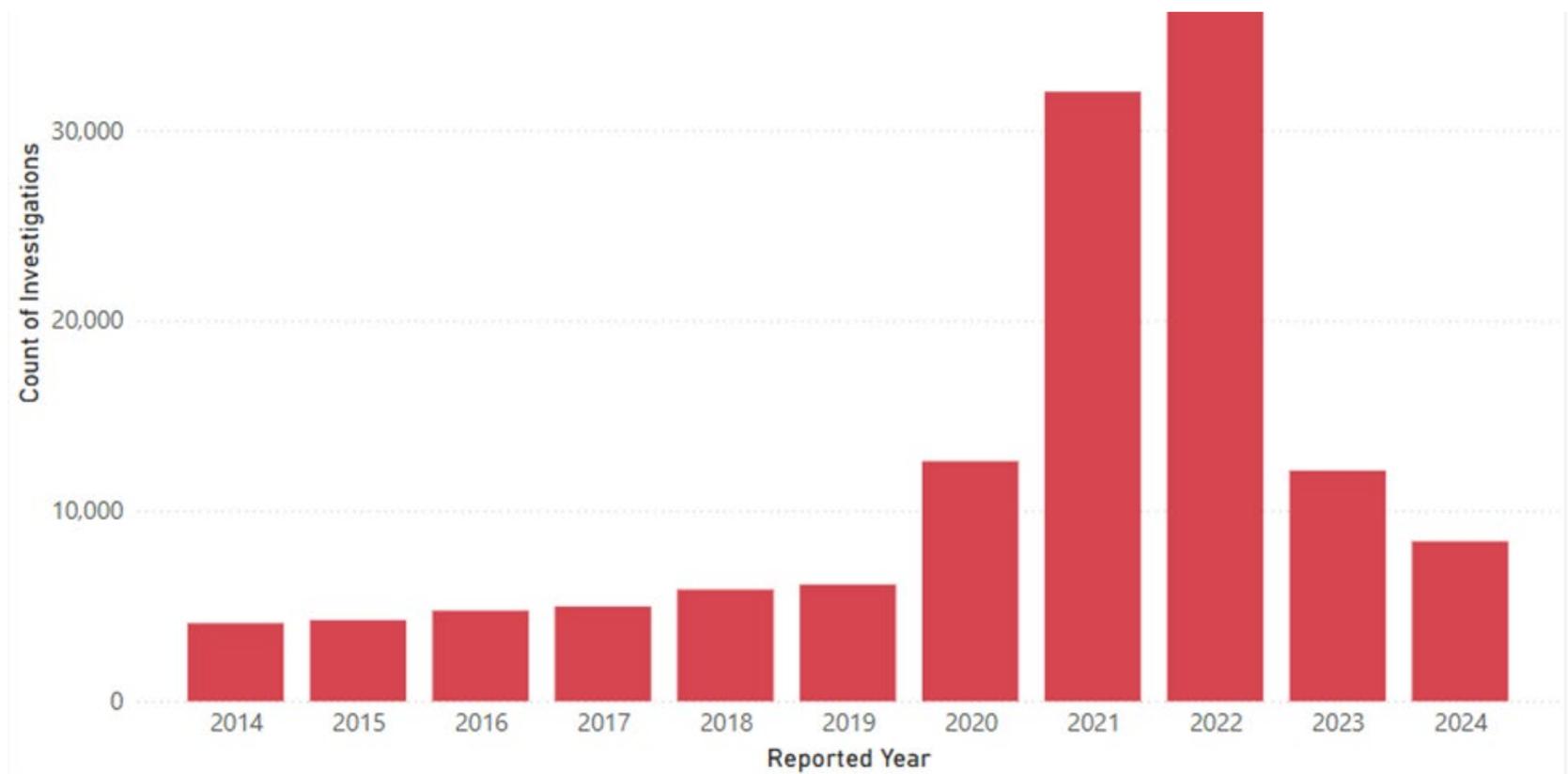


Isolation and infection control

Outbreak management

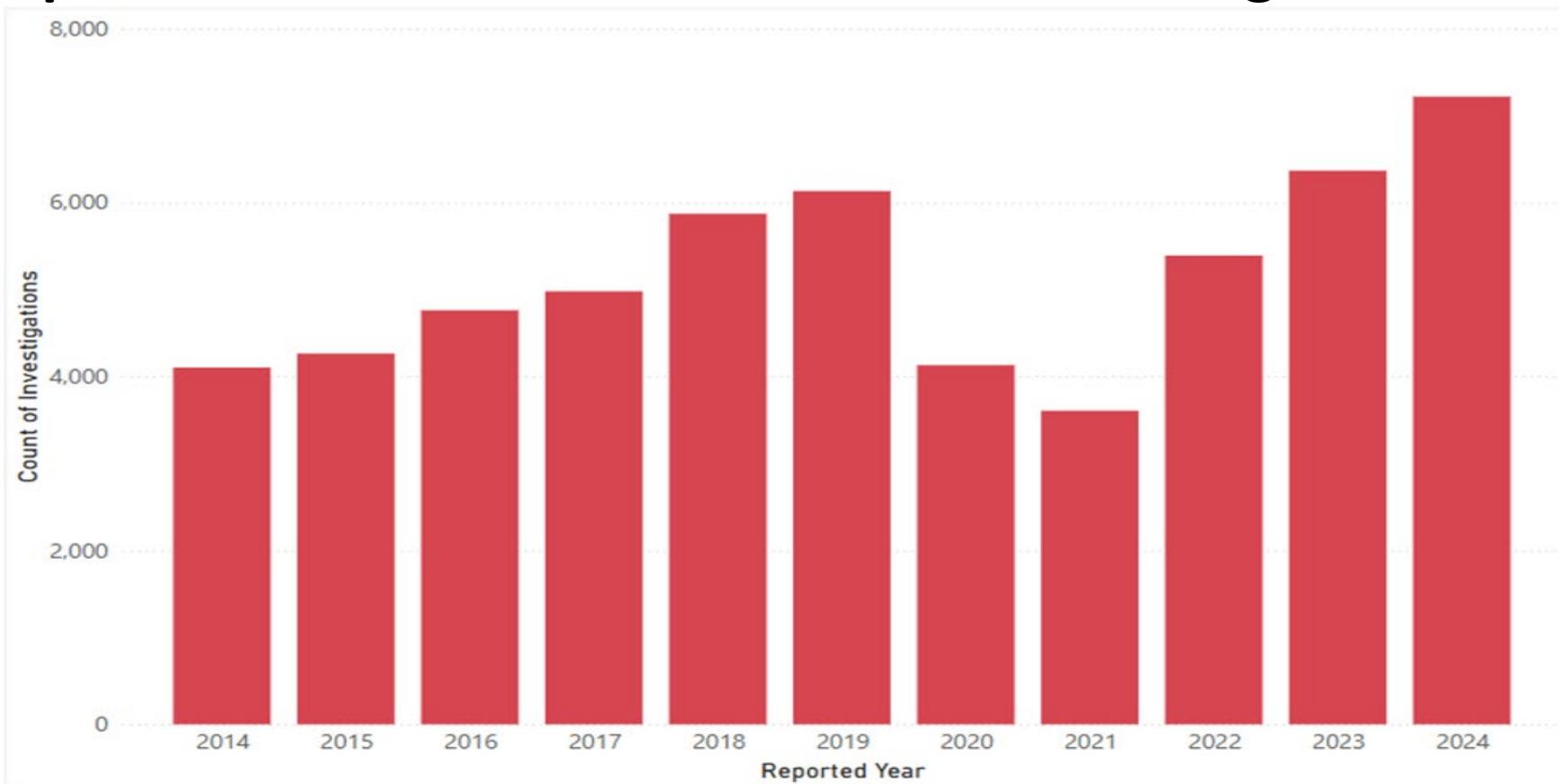


# Sporadic Disease Trends 2014-2024 Including COVID-19





# Sporadic Disease Trends 2014-2024 Excluding COVID-19



Investigations for all Diseases of Public Health Significance Managed by Durham Region by Year Reported Excluding COVID-19





## Tuberculosis (TB)

Active TB

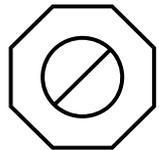
TB contacts

Latent TB  
Infection

Immigration  
Medical  
Surveillance



# Sexually Transmitted and Blood-Borne Infections



Prevent and Control



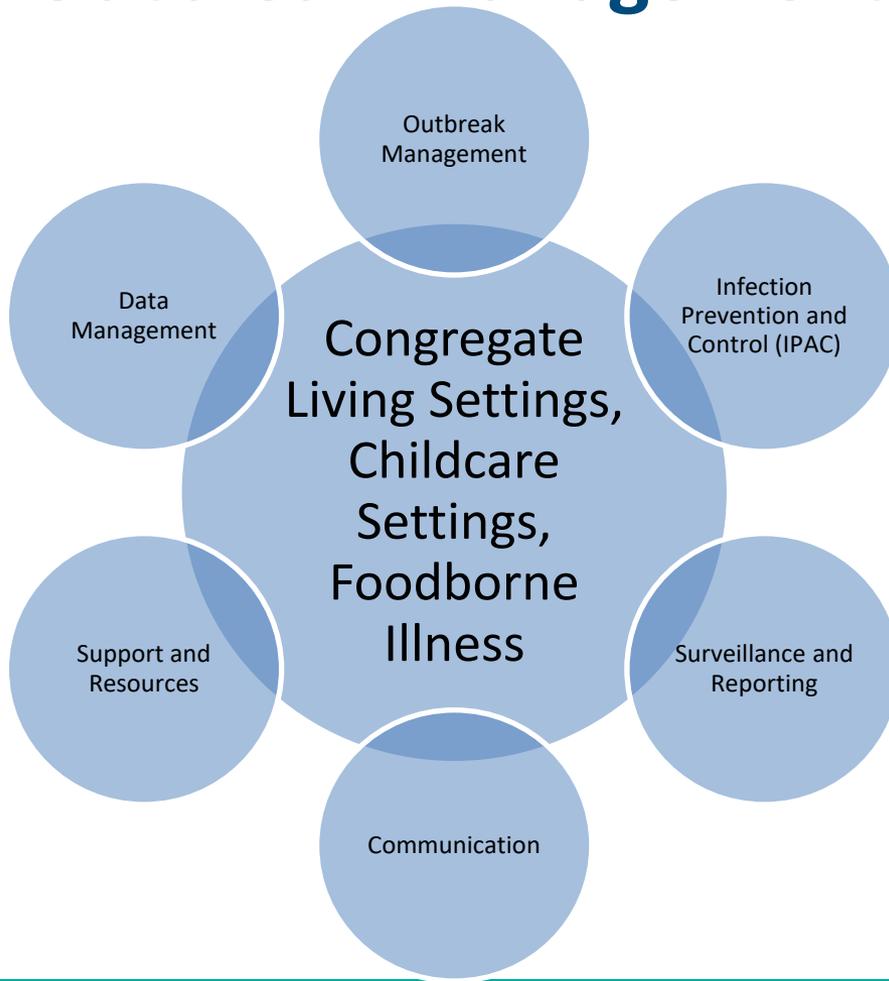
Manage



Offer



# Outbreak Management





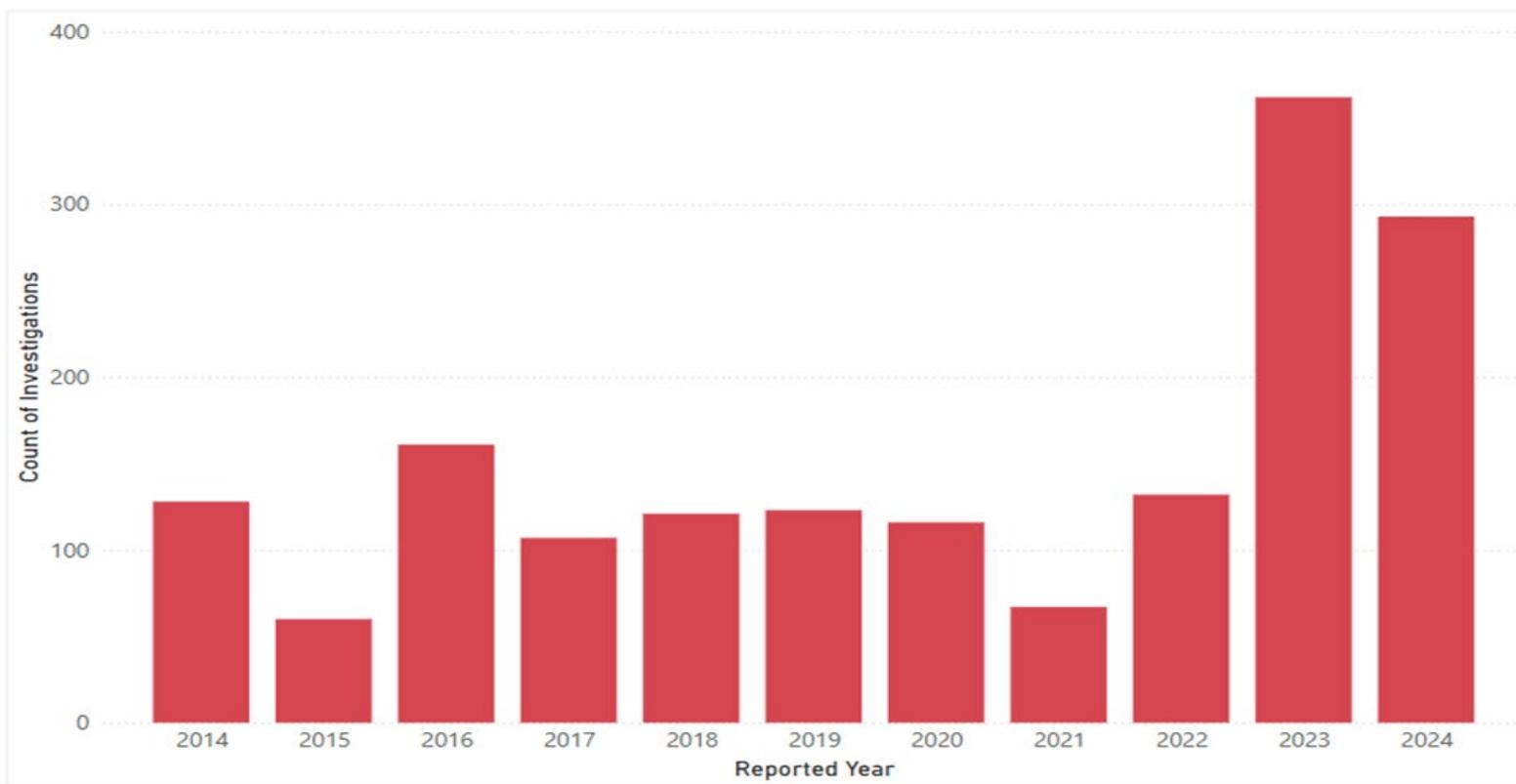
## After Hours Response

24/7  
availability

689 after  
hours calls

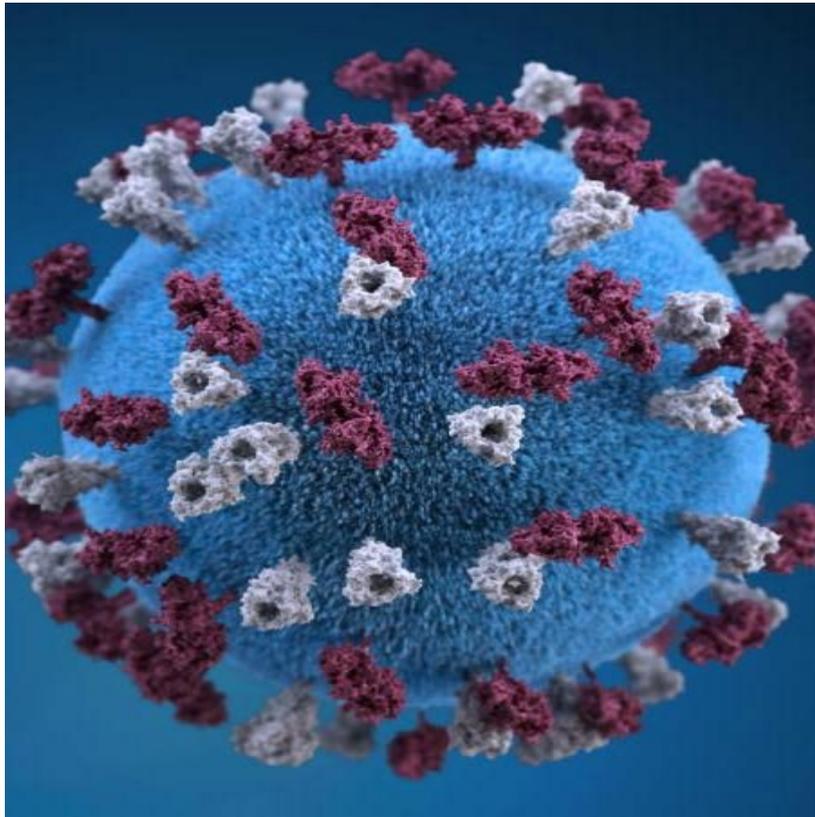


## Investigations for Invasive Group A Strep (iGAS)





## Trends



Measles

Increased activity globally

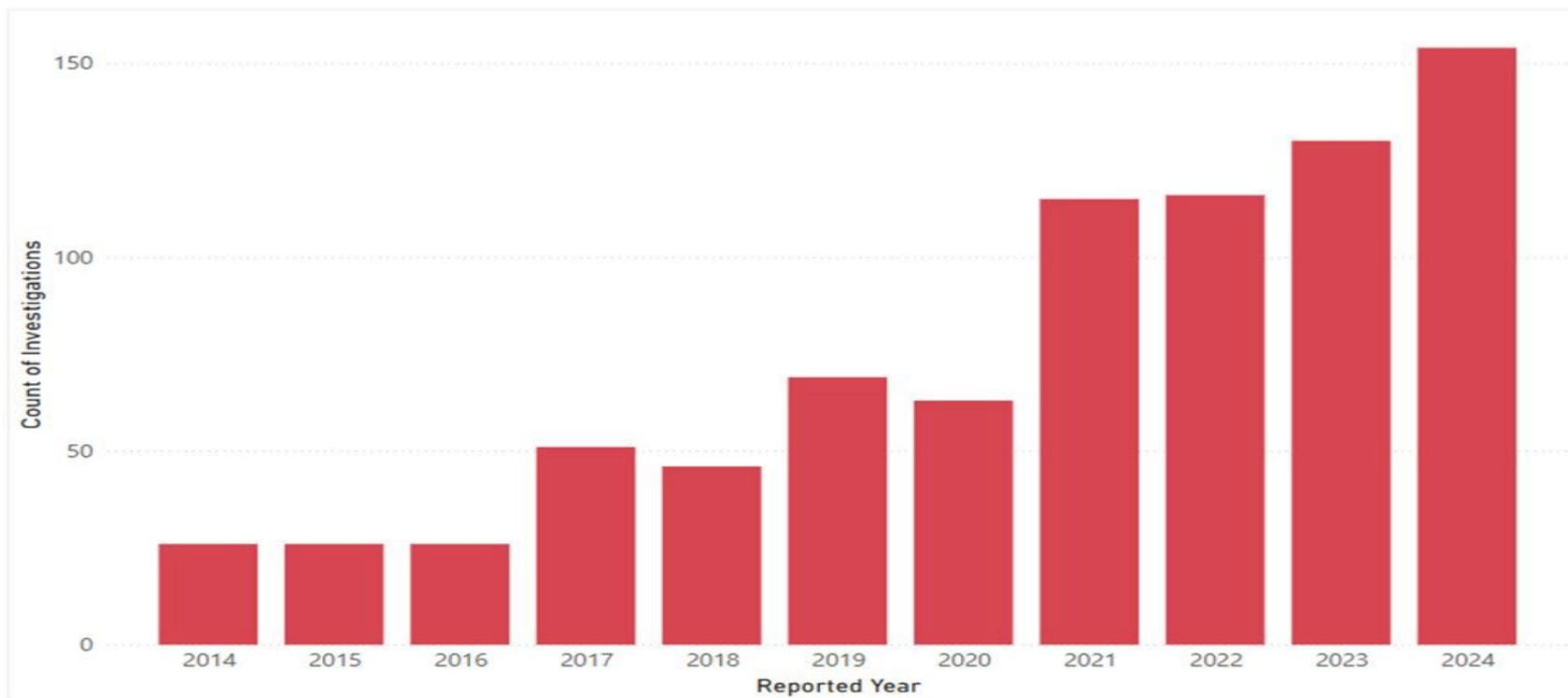
Ontario has begun to see more cases

Durham Region had one case last year



# Trends

## Investigations for Lyme Disease





## Future Directions



2023 - 3 new tickborne diseases (anaplasmosis, babesiosis, and Powassan virus) were added as diseases of public health significance

2025 - *Candida auris* is a new disease of public health significance



# Thank you!