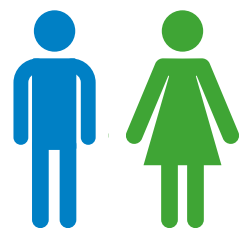


# Invasive Pneumococcal Disease in Durham Region 2020-2024

Invasive pneumococcal disease is caused by bacteria that is spread through close contact with someone carrying the bacteria in their nose and mouth

Quick Facts



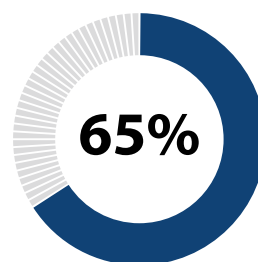
57% 43%

There were slightly more male cases than female cases

On average,

47

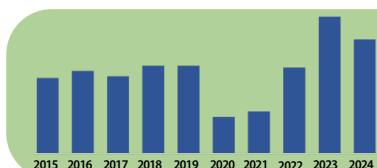
cases of invasive pneumococcal disease were reported in Durham Region each year between 2020 and 2024



of cases were age 55 or older



The average age at time of illness was 55 years



The number of cases reported in 2023 (78) was the highest number reported in a single year. 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

63%

of cases reported



fever

46%

of cases reported



cough

46%

of cases reported



shortness of breath

22%

of cases reported



malaise (general unwell feeling)

20%

of cases reported



vomiting

Risk Factors

69%

of cases reported



a chronic illness/underlying medical condition

40%

of cases reported



being unimmunized or partially immunized

18%

of cases reported



being immunocompromised

7%

of cases reported



alcohol misuse

Prevention



### Pneumococcal vaccine is recommended for:

- Routine immunization of infants and children
- People at high risk due to underlying medical conditions, residents of long-term care facilities, adults at high risk due to lifestyle factors
- Anyone 65 and older

For more details see: Pneumococcal vaccine: [Canadian Immunization Guide](#)

- Data Source: Ontario Ministry of Health, integrated Public Health Information System (iPHIS) database, 2020-2024
- To see Durham compared to Ontario and other public health units go to [Infectious Disease Trends in Ontario](#)