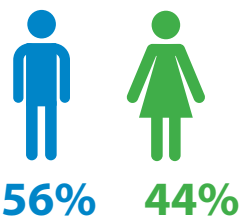


Invasive Pneumococcal Disease in Durham Region 2017-2021

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

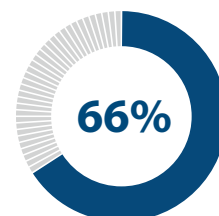


There were slightly more male cases than female cases

On average,

38

cases of invasive pneumococcal diseases were reported in Durham Region each year between 2017 and 2021



of cases were among adults ages 55 and older



The average age at time of illness was 55 years

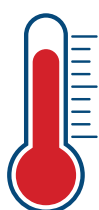


Cases peaked in 2019 (50) but have decreased since. Interpret 2020 and 2021 data with caution due to changes in the availability of health care and health seeking behaviour during the COVID-19 pandemic.

Symptoms

57%

of cases reported



fever

42%

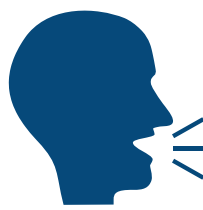
of cases reported



shortness of breath

40%

of cases reported



cough

28%

of cases reported



malaise (general unwell feeling)

21%

of cases reported



vomiting

Risk Factors

67%

of cases reported



a chronic illness/underlying medical condition

47%

of cases reported



being unimmunized or partially immunized

28%

of cases reported



being immunocompromised

10%

of cases reported



alcohol abuse

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, 2017-2021
- To see Durham compared to Ontario and other public health units go to [Infectious Disease Trends in Ontario](#)