DURHAM REGION
HEALTH DEPARTMENT

Influenza Immunization Coverage Rates in Durham Region

Data Summary
September 2026

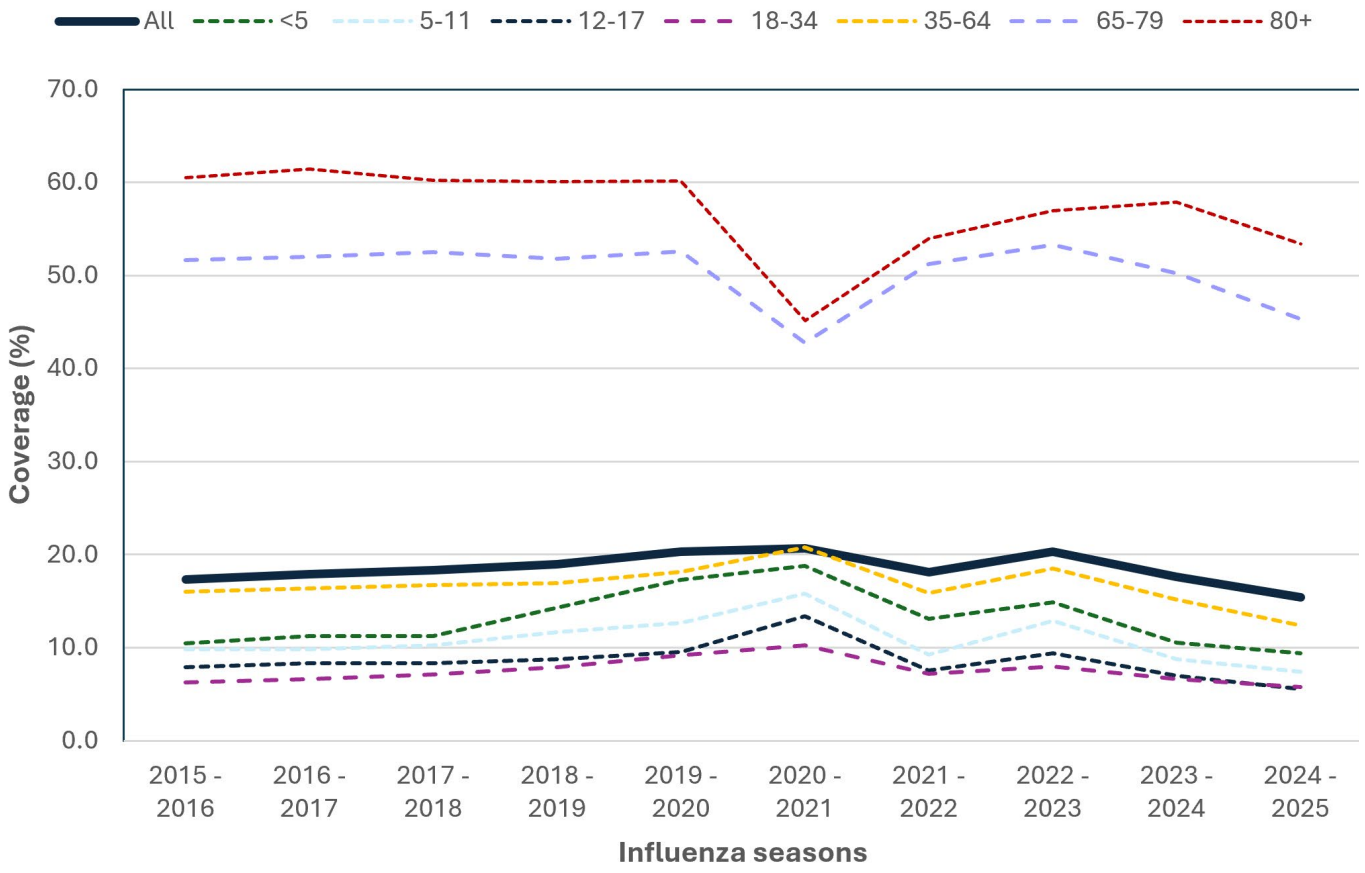


KEY STATISTICS

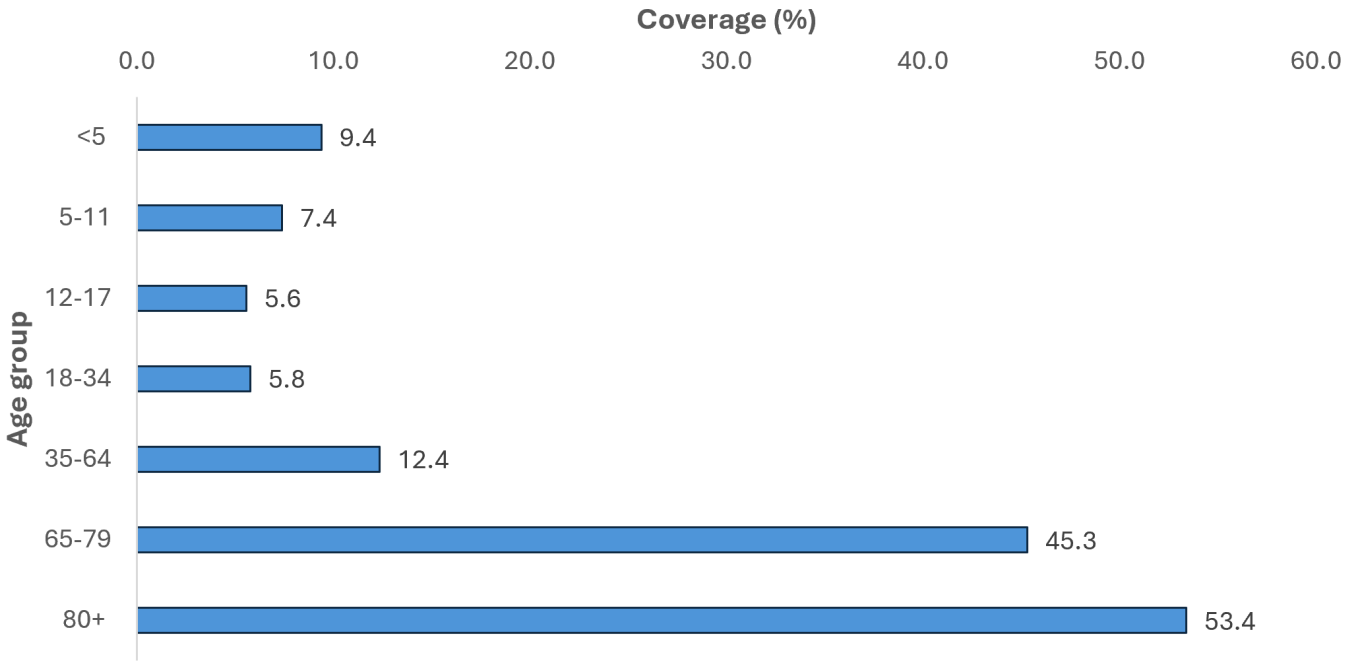
- Overall influenza immunization coverage rates fluctuated over the 10-year period, increasing from **17.3%** in 2015-2016 to a peak of **20.7%** in 2020-2021, before declining to **15.4%** in 2024-2025.
- Coverage rates were consistently lowest among individuals aged 12-34 years, with rates remaining below **15%** throughout the study period.
- From 2015-2016 to 2020-2021, influenza immunization coverage rates generally increased among age groups younger than 65 years, while coverage rates among adults aged 65 years and older remained relatively stable and substantially higher overall.
- Between the 2019-2020 and 2020-2021 influenza seasons, coverage rates generally increased among age groups younger than 65 years, whereas coverage rates declined among adults aged 65-79 years and 80 years and older.
- By 2024-2025, influenza immunization coverage rates were below peak levels across all age groups.
- A substantial age-related gap in influenza immunization coverage rates persisted throughout the period, with adults aged 65 years and older consistently reporting higher coverage rates than individuals younger than 65 years.



Influenza Immunization Coverage (%) by Age Group, Durham Region, 2015-2016 to 2024-2025



Influenza Immunization Coverage (%) by Age Group, Durham Region, 2024-2025.



DATA NOTES

Definitions

- Influenza immunization includes influenza vaccines administered through physician offices or pharmacies and identified using Ontario Health Insurance Plan (OHIP) billing claims or Ontario Drug Benefit (ODB) pharmacy claims.
- Rates represent the percentage of eligible Ontario residents who received at least one influenza immunization during each respiratory season (September 1 to August 31).

Data Sources

- Administrative health data held at ICES, including:
  - Ontario Health Insurance Plan Claims Database (OHIP)
  - Ontario Drug Benefit Claims Database (ODB)
  - Continuing Care Reporting System (CCRS)
  - Registered Persons Database (RPDB)
  - Postal Code Conversion File (PCCF)

Methods

- Influenza immunizations were identified using Ontario Health Insurance Plan (OHIP) physician billing claims and Ontario Drug Benefit (ODB) pharmacy claims.
- The study population included individuals who were alive, residing in Ontario, and eligible for provincially insured health services as of September 1 of each respiratory season.
- Individuals were excluded if they were not eligible for OHIP, were not Ontario residents, resided in long-term care, had insufficient recent health system contact, died before the index date, or could not be assigned to an Ontario Public Health Unit.
- Influenza immunization coverage rates were calculated as the proportion of the eligible population who received at least one influenza immunization during each respiratory season.

Study Period

- Influenza seasons from **2015-2016 to 2024-2025**.