

SURVEILLANCE REPORT

COVID-19 Vaccination Coverage in Ontario by Neighbourhood Diversity and Material Deprivation: December 14, 2020 to February 21, 2022

Purpose

This report explores neighbourhood-level trends in health equity among Ontario residents aged five years and older who have received at least one dose of a COVID-19 vaccine and who do not live in a long-term care facility or retirement home. It combines individual vaccine coverage data with neighbourhood-level measures of diversity and material deprivation as measured by the [Ontario Marginalization Index \(ON-Marg\)](#).¹

Neighbourhood diversity is measured using the 'ethnic concentration' dimension of ON-Marg, which assesses the proportion of non-white and non-Indigenous residents and/or the proportion of newcomers that arrived in Canada within the past five years. The material deprivation dimension of ON-Marg is closely connected to poverty, and uses Canadian census data on income, quality of housing, educational attainment and family structure characteristics to identify neighbourhoods where people likely experience reduced access to basic material needs.

The report's findings improve our understanding of how COVID-19 vaccination levels vary across neighborhood-level socio-demographic characteristics in Ontario. COVID-19 has previously been shown to disproportionately affect racially diverse and low socio-economic status neighbourhoods in Ontario.^{2,3} Therefore, information on vaccine coverage for these groups is important and can inform the planning and equitable prioritization of public health and health system resources and interventions. Further details on COVID-19 vaccine uptake in Ontario are provided on Public Health Ontario's COVID-19 vaccine [web page](#).⁴

Data in this report were extracted from the Ministry of Health's (MOH) COVaxON application as of **February 22, 2022** at approximately 7:00 a.m. The report includes COVID-19 vaccinations reported up to **February 21, 2022**.

Background

In Ontario, surveillance data has shown higher incidence of COVID-19 cases and deaths in neighbourhoods with higher proportions of immigrants, racialized populations, and populations with low socio-economic status, related to structural factors such as high-density housing and increased likelihood of employment in an essential business that cannot be done from home.^{2,3} Residents of these neighborhoods may additionally experience marginalization related to racism, discrimination or reduced access to resources. Thus, it is critical to understand vaccine coverage for these groups to address inequities in the burden of COVID-19 and effectively prioritize vaccination efforts.

The COVID-19 vaccination program began in Ontario on December 14, 2020 with a **three-phased distribution plan**.⁵ Currently, all individuals in the province five years of age and older are eligible for two doses of a Health Canada authorized COVID-19 vaccine, and population eligibility for a third dose continues to expand.^{6,7}

Highlights

Neighbourhood diversity:

- Coverage estimates for COVID-19 vaccine series completion were higher among residents of neighbourhoods with higher levels of neighbourhood diversity. However, coverage for series completion and one booster showed an opposite trend, with the most diverse neighbourhoods having the lowest coverage levels (Figure 1). In addition, the difference in coverage between the most and least diverse quintiles appears to be increasing over time (Figure 3).
- Among children aged 5 to 11, coverage estimates for series initiation and series completion were lower in the most diverse quintile. Uptake of the booster was also lower in the most diverse neighbourhoods, particularly in people aged 60 and older (Figure 7).

Neighbourhood material deprivation:

- Residents of neighbourhoods with higher levels of material deprivation had lower series completion and series completion and one booster coverage levels than residents of low material deprivation neighborhoods (Figure 2).
- This trend of lower coverage levels in the most deprived neighbourhoods, appears to be increasing over time (Figure 4) and is present in all age groups, except those aged 18 to 29 (Figure 8).

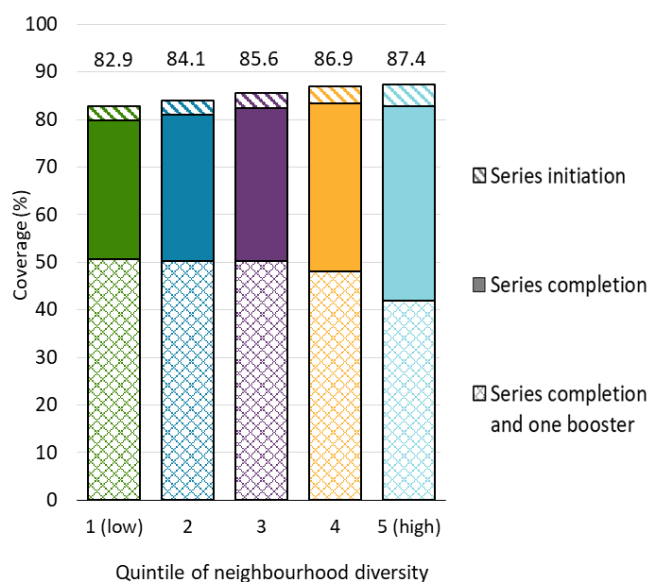
Definition of Terms

- **Vaccine series** refers to the number of vaccine doses within a schedule that has been approved by Health Canada as a primary series. COVID-19 vaccine products currently available in Ontario have a two dose (i.e. Moderna Spikevax, Pfizer-BioNTech Comirnaty, AstraZeneca Vaxzevria or COVISHIELD COVID19 vaccines) or one-dose (i.e. Janssen) schedule.
- **Initiated primary series** refers to individuals that have received only the first dose of a two-dose Health Canada (HC) authorized vaccine, individuals that have received only one or two doses of a non-HC authorized vaccine, and individuals that have received one dose of a HC-authorized vaccine followed by a dose of a non-HC authorized vaccine.
- **Completed primary series** refers to individuals that have received one dose of a one-dose HC-authorized vaccine product (i.e. dose one of one), both doses of a two-dose HC-authorized vaccine series (i.e. dose two of two) including mixed series with HC-authorized vaccine products, one dose of a non-HC authorized vaccine followed by a dose of a HC-authorized vaccine, or three doses of any vaccine product whether it is HC-authorized or not.
- **Completed primary series and one booster dose** refers to individuals that have completed their primary series (as per the definition above) with a HC-authorized vaccine product and received an additional dose of a HC-authorized vaccine. Note: Individuals that have received non-HC-authorized vaccine products are not included in this category.
- **Coverage estimate (at least one dose)** refers to the proportion of the population that has received at least one dose of any COVID-19 vaccine, whether it is HC-authorized or not.
- **Coverage estimate (complete primary series)** refers to the proportion of the population that has completed their primary series, as per the definition above.
- **Coverage estimate (complete primary series and one booster dose)** refers to the proportion of the population that has completed their primary series (as per the above definition) with a HC-authorized vaccine product and received an additional dose of a HC-authorized vaccine.

Results

Vaccination coverage by neighbourhood diversity and material deprivation

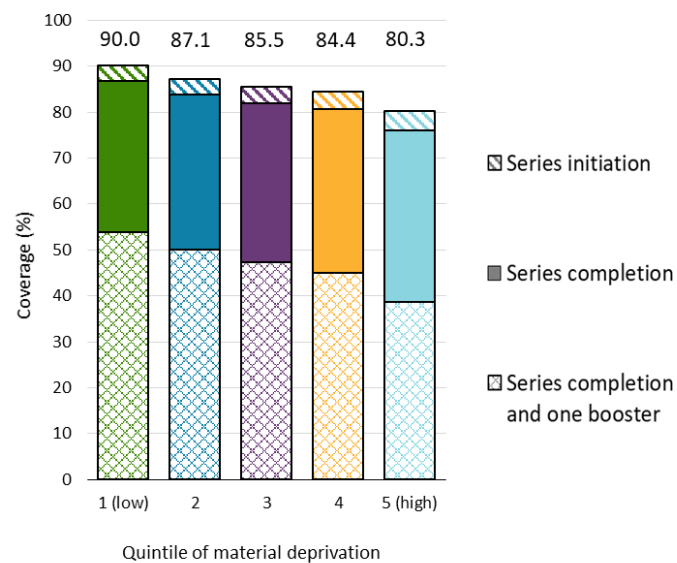
Figure 1. Vaccination coverage for individuals 5 years and older by quintile of neighbourhood diversity: Ontario, December 14, 2020 to February 21, 2022



Note:

1. Data labels indicate proportion of population that has received at least one dose

Figure 2. Vaccination coverage for individuals aged 5 years and older by quintile of neighbourhood material deprivation: Ontario, December 14, 2020 to February 21, 2022



Note:

1. Data labels indicate proportion of population that has received at least one dose.

Figure 3. Cumulative vaccination coverage for individuals 5 years and older by week of vaccination and quintile of neighbourhood diversity: Ontario, December 14, 2020 to February 21, 2022

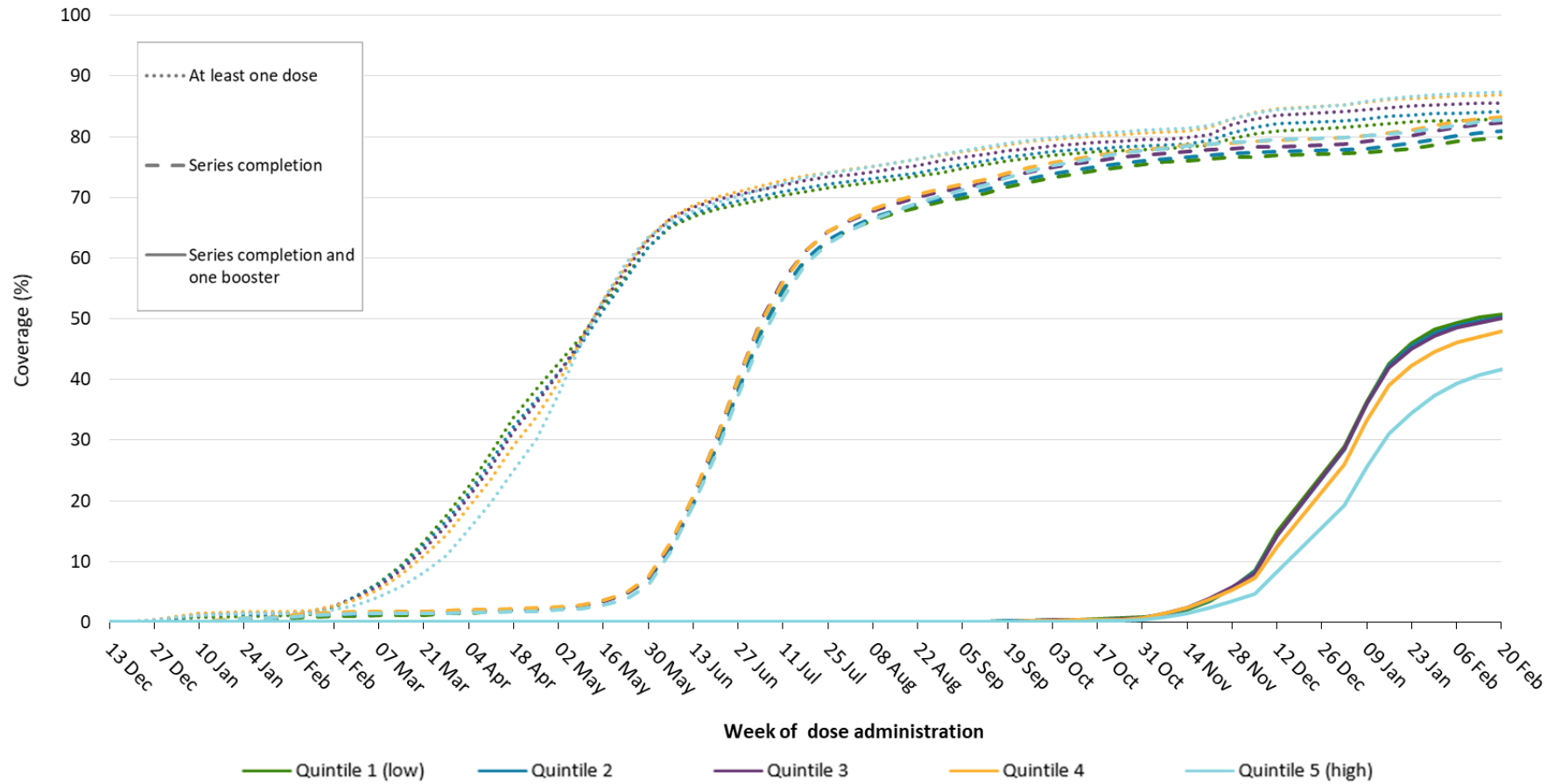


Figure 4. Cumulative vaccination coverage for individuals aged 5 years and older by week of vaccination and quintile of neighbourhood material deprivation: Ontario, December 14, 2020 to February 21, 2022

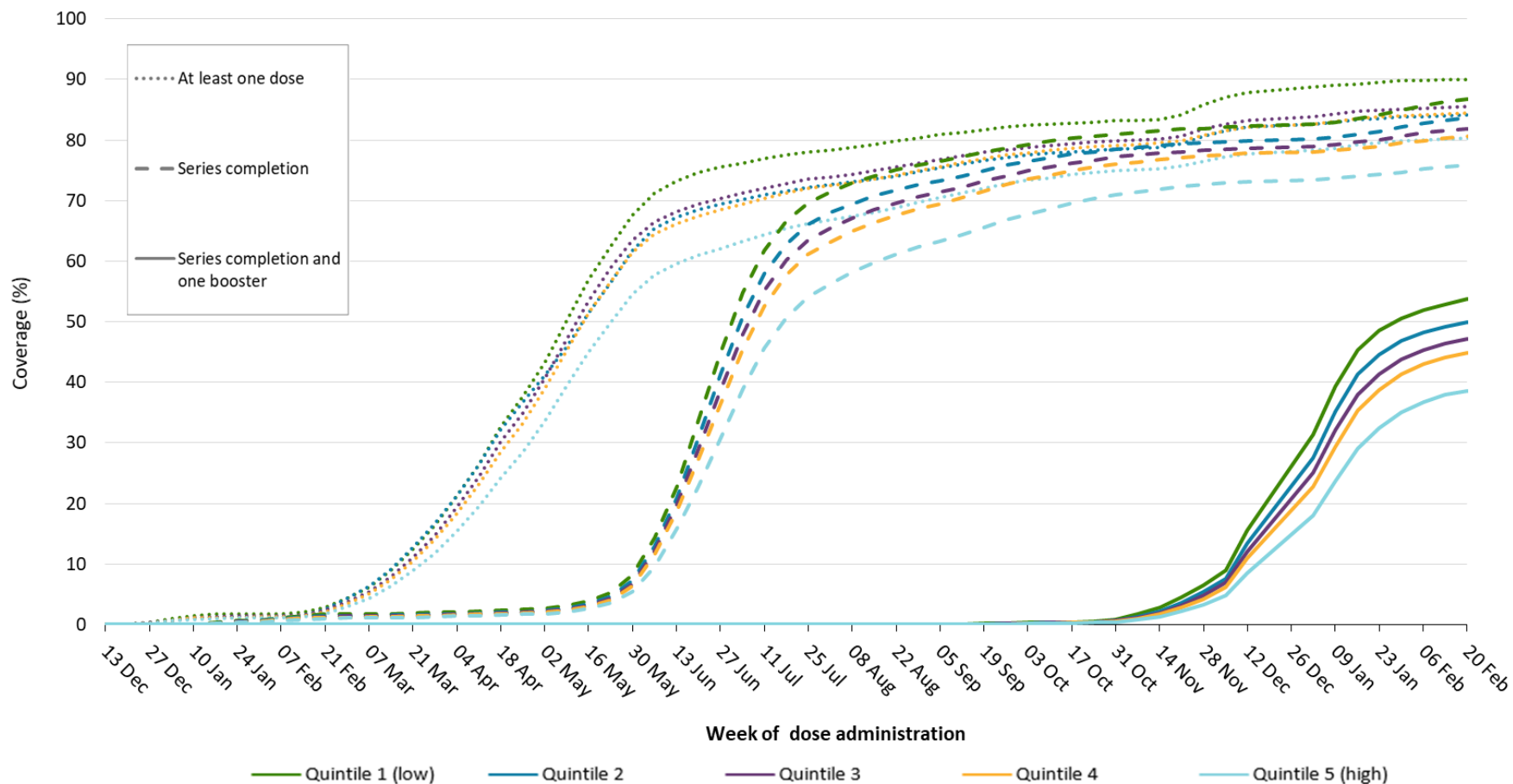


Figure 5. Vaccination coverage for individuals 5 years and older by quintile of neighbourhood diversity and gender: Ontario, December 14, 2020 to February 21, 2022

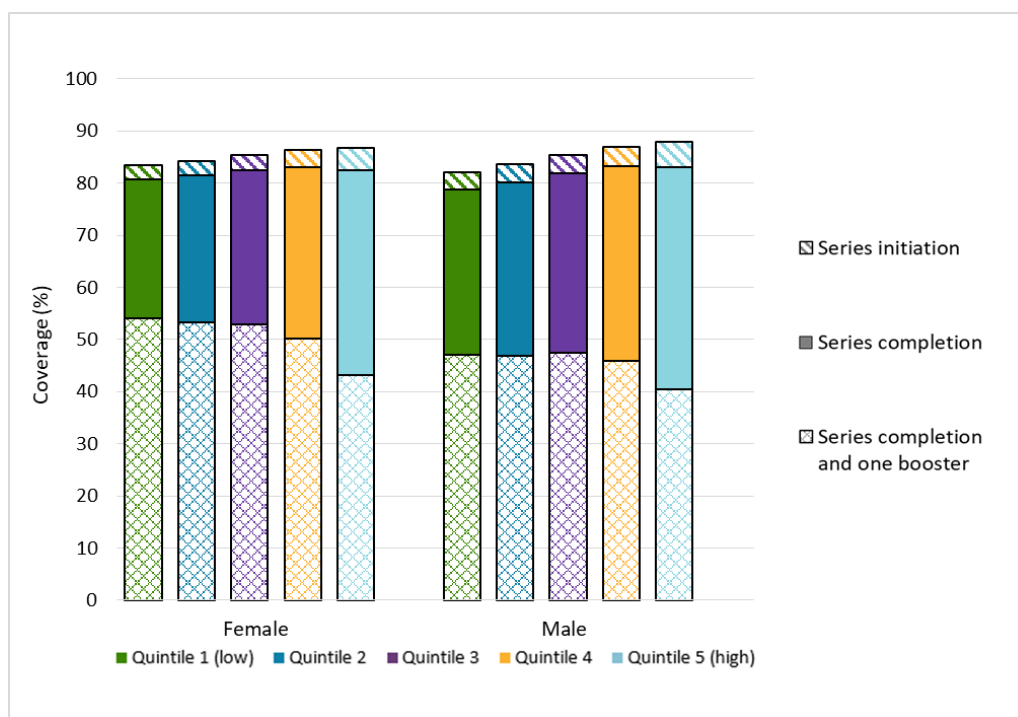


Figure 6. Vaccination coverage for individuals aged 5 years and older by quintile of neighbourhood material deprivation and gender: Ontario, December 14, 2020 to February 21, 2022

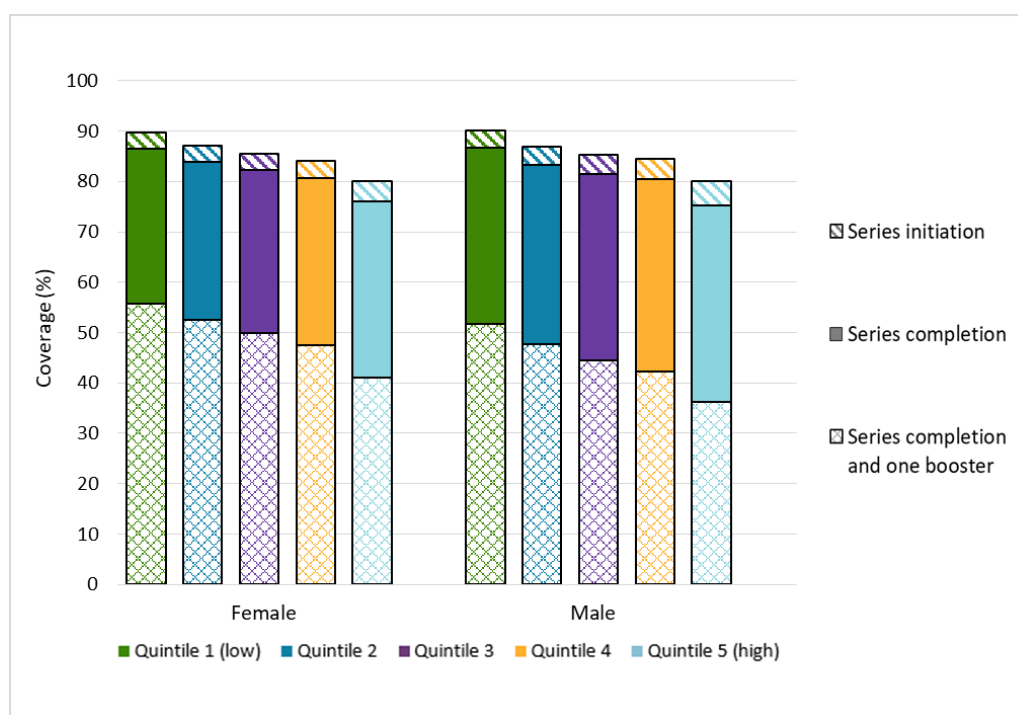
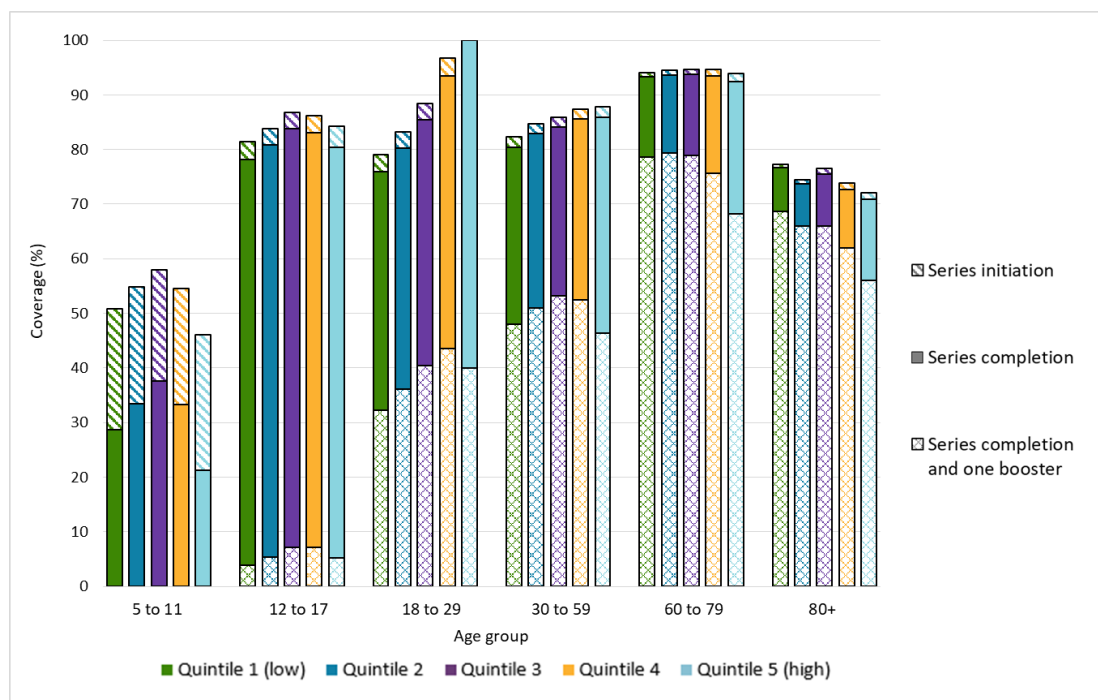


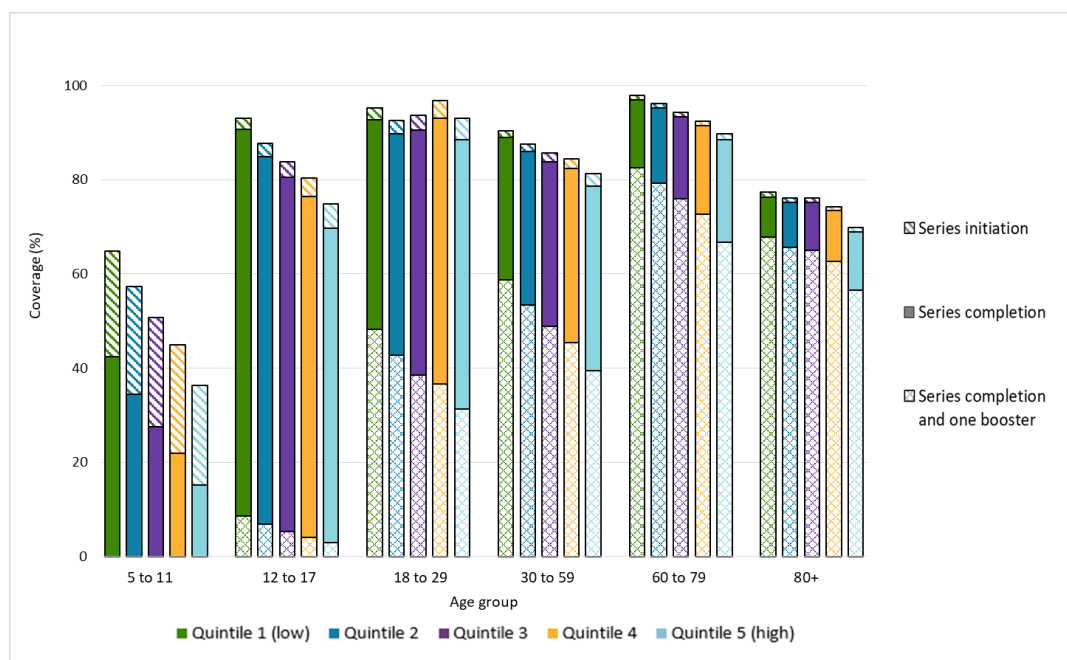
Figure 7. Vaccination coverage for individuals 5 years and older by quintile of neighbourhood diversity and age group: Ontario, December 14, 2020 to February 21, 2022



Notes:

1. Age is calculated using the date of data extraction.
2. Coverage estimates shown as 100% may represent estimates of 100% or more. Coverage estimates may be over 100% due to limitations in the vaccination data (numerator) or Ontario population estimates (denominator).

Figure 8. Vaccination coverage for individuals aged 5 years and older by quintile of neighbourhood material deprivation and age group: Ontario, December 14, 2020 to February 21, 2022



Technical Notes

Data Sources

- COVID-19 vaccination data were based on information successfully extracted from the Ontario Ministry of Health's COVaxON application as of **February 22, 2022 at approximately 7 a.m.**
- The denominators used to derive coverage estimates for ON-Marg quintiles were extracted from the Ontario Health Insurance Plan (OHIP) Registered Person Database (RPDB) Cohort Fiscal Year 2019/20 (extracted October 2020). The OHIP RPDB includes all individuals with a valid Ontario health insurance number. Denominator data were provided by Health Analytics and Insights Branch, Capacity Planning and Analytics Division, Ministry of Health.
- Statistics Canada Postal Code Conversion File Plus (PCCF +) version 7D.
- The health equity (neighbourhood-level diversity and material deprivation) analyses use data from the 2016 Ontario Marginalization Index:¹
- Matheson FI; van Ingen T. 2016 Ontario marginalization index [Internet]. Toronto, ON: St. Michael's Hospital; 2018 [cited 2022 Mar 04]. Joint publication with Public Health Ontario. Available from: <https://www.publichealthontario.ca/-/media/data-files/index-on-marg.xls?la=en>

Data Caveats

- COVaxON is a dynamic reporting system, which allow ongoing updates to data previously entered. As a result, data extracted from COVaxON represent a snapshot at the time of extraction and may differ from previous or subsequent reports.
- The data represent vaccinations reported and recorded in COVaxON. As a result, all counts may be subject to varying degrees of underreporting due to a variety of factors.
- Coverage estimates refer to individuals who are currently vaccinated. Therefore counts exclude individuals that have been reported as deceased. However, deceased individuals are not excluded from the number of doses administered since this number represents a count of doses rather than individuals. This means that the number of doses administered and the number of vaccinated individuals will not align.
- This report uses the Statistics Canada dissemination area (DA) as a measure of neighbourhood. As the smallest level of geography for which census data is made publicly available, individuals are assigned to a level of ON-Marg using DA to minimize potential misclassification of socio-demographic characteristics using area-level data. As a result, the findings from this report may not align with studies which use other levels of geography (e.g. neighbourhoods based on postal code), including those evaluating coverage in provincially designated "hot spots".
- People who reside in long-term settings are not represented in Canadian census data from which ON-Marg is calculated. Therefore, individuals with reason for vaccination as residents of long-term care or retirement home settings were excluded from this report, representing 151,110 (1.3%) vaccinated individuals. Additionally 468,061 (3.9%) of vaccinated individuals had invalid or missing postal codes, or live in neighbourhoods where an ON-Marg quintile could not be derived, and were also excluded from this report.

- ON-Marg is an area-based index which assigns a measure based on neighbourhood characteristics, not individual characteristics. Not all individuals in a given area will reflect the broader demographic trends of the area they live in. This means, for example, that not every individual who lives in an area of high neighbourhood material deprivation experiences material deprivation themselves. Heterogeneity of demographic characteristics can vary substantially, especially across large rural geographies.
- Due to data suppression for some census indicators on First Nation reserves in Ontario, residents of reserves could not be included in ON-Marg and therefore people who have been vaccinated against COVID-19 and are living in these communities could not be assigned to a quintile of marginalization. While Indigenous individuals living off reserves are included in this analysis, Indigeneity data is not currently collected or captured in dimensions of ON-Marg.

Methods

VACCINATION DATA

- Methods for processing COVaxON vaccine uptake data are described in the Technical Notes of the COVID-19 Vaccine Uptake in Ontario.⁸

ON-MARG

- Neighbourhood diversity is defined using the ethnic concentration dimension of ON-Marg, which measures populations that may experience marginalization related to racism and discrimination. It is based on the proportion of non-white and non-Indigenous residents and/or the proportion of immigrants that arrived in Canada within the past five years.
- Neighbourhood material deprivation is defined using the material deprivation dimension of ON-Marg, which is closely connected to poverty. It refers to the inability of individuals and communities to access and attain basic material needs. The indicators included in this dimension measure income, quality of housing, educational attainment and family structure characteristics.
- “Neighbourhoods” are considered to be Statistics Canada dissemination areas (DA). Vaccinated individuals were probabilistically matched to a DA using Statistics Canada PCCF+ version 7B. The quintiles for the ethnic concentration and the material deprivation dimensions are ordered from quintiles 1 to 5, with quintile 1 having the lowest level of marginalization (i.e., least diverse or least material deprivation) and quintile 5 having the highest level of marginalization (i.e., most diverse or most material deprivation).
- As a neighbourhood-level measure of marginalization, diversity and material deprivation describe the general characteristics of a given area and are used as a proxy for individual-level data when these data are unavailable. Therefore, trends highlighted in this report apply only to the neighbourhoods from which they arise and cannot be used to characterize individual members of a given area. In order to gain a better understanding of the complex relationship between COVID-19 vaccination and ethno-cultural characteristics at the individual level, further data collection and analysis are needed.
- The demographic characteristics of the populations of the quintile of neighbourhood material deprivation are described in the appendices of the COVID-19 in Ontario – A Focus on Material Deprivation report.³ The demographic characteristics of the populations of the quintile of neighbourhood diversity are described in the appendices of the COVID-19 in Ontario – A Focus on Diversity report.²

References

1. Matheson FI, van Ingen T. 2016 Ontario marginalization index [Internet]. Toronto, ON: St. Michael's Hospital; 2018 [cited 2022 Mar 04]. Joint publication with Public Health Ontario. Available from: <https://www.publichealthontario.ca/-/media/data-files/index-on-marg.xls?la=en>
2. Ontario Agency for Health Protection and Promotion (Public Health Ontario). COVID-19 in Ontario – a focus on diversity [Internet]. Toronto, ON: Queen's Printer for Ontario; 2020 [cited 2022 Mar 04]. Available from: <https://www.publichealthontario.ca/-/media/documents/ncov/epi/2020/06/covid-19-epi-diversity.pdf?la=en>
3. Ontario Agency for Health Protection and Promotion (Public Health Ontario). COVID-19 in Ontario – a focus on material deprivation [Internet]. Toronto, ON: Queen's Printer for Ontario; 2020 [cited 2022 Mar 04]. Available from: <https://www.publichealthontario.ca/-/media/documents/ncov/epi/2020/06/covid-19-epi-material-deprivation.pdf?la=en>
4. Ontario Agency for Health Protection and Promotion (Public Health Ontario). COVID-19 vaccines [Internet]. Toronto, ON: Queen's Printer for Ontario; 2022 [cited 2022 Mar 04]. Available from: <https://www.publichealthontario.ca/en/diseases-and-conditions/infectious-diseases/respiratory-diseases/novel-coronavirus/vaccines>
5. Government of Ontario. COVID-19 vaccines for Ontario [Internet]. Toronto, ON: Queen's Printer for Ontario; 2021 [cited 2022 Mar 04]. Available from: <https://covid-19.ontario.ca/covid-19-vaccines-ontario>
6. Government of Ontario. Ontario's updated COVID-19 vaccination eligibility [Internet]. Toronto, ON: Queen's Printer for Ontario; 2021 [cited 2022 Mar 04]. Available from: <https://news.ontario.ca/en/backgrounder/1000751/ontarios-updated-covid-19-vaccination-eligibility>
7. Ontario. Ministry of Health. COVID-19 guidance for individuals vaccinated outside of Ontario/Canada [Internet]. V. 3.0. Toronto, ON: Queen's Printer Ontario; 2021 [modified 2022 Feb 01; cited 2022 Mar 04]. Available from: https://www.health.gov.on.ca/en/pro/programs/publichealth/coronavirus/docs/vaccine/COVID-19_guidance_for_individuals_vaccinated_outside_of_ontario.pdf
8. Ontario Agency for Health Protection and Promotion (Public Health Ontario). COVID-19 vaccine uptake and program impact in Ontario: December 14, 2020 to February 21, 2022 [Internet]. Toronto, ON: Queen's Printer for Ontario; 2021 [cited 2022 Mar 04]. Available from: <https://www.publichealthontario.ca/-/media/documents/ncov/epi/covid-19-vaccine-uptake-ontario-epi-summary.pdf?la=en>

Appendix – Data tables

Table A1. Cumulative vaccination coverage for individuals 5 years and older with at least one dose or series completion status by week of vaccination and quintile of neighbourhood diversity: Ontario, December 14, 2020 to February 21, 2022

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|--------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| Dec 13, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 20, 2020 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 27, 2020 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 03, 2021 | 0.5 | 0.7 | 0.9 | 1.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 10, 2021 | 0.8 | 1.1 | 1.4 | 1.5 | 1.2 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 |
| Jan 17, 2021 | 0.9 | 1.3 | 1.5 | 1.6 | 1.3 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 |
| Jan 24, 2021 | 1.0 | 1.3 | 1.6 | 1.7 | 1.4 | 0.2 | 0.3 | 0.5 | 0.6 | 0.6 |
| Jan 31, 2021 | 1.0 | 1.3 | 1.6 | 1.7 | 1.4 | 0.3 | 0.4 | 0.6 | 0.7 | 0.6 |
| Feb 07, 2021 | 1.1 | 1.4 | 1.6 | 1.7 | 1.4 | 0.6 | 0.8 | 1.0 | 1.1 | 0.9 |
| Feb 14, 2021 | 1.3 | 1.6 | 1.8 | 1.9 | 1.5 | 0.8 | 1.1 | 1.4 | 1.5 | 1.2 |
| Feb 21, 2021 | 2.3 | 2.5 | 2.6 | 2.6 | 2.0 | 1.0 | 1.3 | 1.5 | 1.6 | 1.3 |
| Feb 28, 2021 | 4.3 | 4.3 | 4.0 | 3.7 | 2.9 | 1.0 | 1.3 | 1.6 | 1.7 | 1.4 |
| Mar 07, 2021 | 6.5 | 6.3 | 5.9 | 5.4 | 4.2 | 1.1 | 1.4 | 1.6 | 1.7 | 1.4 |
| Mar 14, 2021 | 9.5 | 9.1 | 8.6 | 7.9 | 5.9 | 1.1 | 1.4 | 1.6 | 1.7 | 1.4 |

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|--------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| Mar 21, 2021 | 13.3 | 12.8 | 12.1 | 11.0 | 8.2 | 1.2 | 1.5 | 1.7 | 1.8 | 1.4 |
| Mar 28, 2021 | 17.5 | 16.6 | 15.9 | 14.4 | 11.0 | 1.4 | 1.6 | 1.8 | 1.9 | 1.5 |
| Apr 04, 2021 | 22.3 | 21.3 | 20.7 | 18.9 | 15.3 | 1.5 | 1.7 | 1.9 | 2.0 | 1.6 |
| Apr 11, 2021 | 27.9 | 26.4 | 25.6 | 23.6 | 19.7 | 1.7 | 1.8 | 2.0 | 2.1 | 1.6 |
| Apr 18, 2021 | 33.7 | 32.2 | 31.4 | 29.1 | 24.9 | 1.9 | 2.0 | 2.1 | 2.2 | 1.7 |
| Apr 25, 2021 | 38.4 | 36.8 | 36.1 | 33.9 | 30.1 | 2.0 | 2.1 | 2.2 | 2.3 | 1.8 |
| May 02, 2021 | 42.7 | 41.2 | 41.0 | 39.7 | 37.6 | 2.2 | 2.2 | 2.4 | 2.5 | 2.0 |
| May 09, 2021 | 47.0 | 45.8 | 46.6 | 46.4 | 45.9 | 2.6 | 2.6 | 2.7 | 2.8 | 2.2 |
| May 16, 2021 | 52.2 | 51.4 | 52.8 | 53.1 | 53.2 | 3.6 | 3.4 | 3.5 | 3.6 | 2.8 |
| May 23, 2021 | 57.0 | 56.6 | 58.1 | 58.6 | 59.2 | 4.7 | 4.6 | 4.7 | 4.8 | 3.8 |
| May 30, 2021 | 61.8 | 61.8 | 63.0 | 63.3 | 63.4 | 7.0 | 6.9 | 7.2 | 7.4 | 6.1 |
| Jun 06, 2021 | 65.1 | 65.4 | 66.5 | 66.6 | 66.1 | 12.1 | 12.0 | 12.8 | 13.1 | 11.5 |
| Jun 13, 2021 | 66.8 | 67.3 | 68.4 | 68.6 | 67.8 | 19.5 | 19.3 | 20.5 | 20.7 | 19.2 |
| Jun 20, 2021 | 68.0 | 68.5 | 69.6 | 70.0 | 69.1 | 28.8 | 28.7 | 30.1 | 30.0 | 27.7 |
| Jun 27, 2021 | 68.8 | 69.4 | 70.5 | 71.0 | 70.2 | 38.3 | 38.3 | 40.3 | 40.2 | 37.5 |
| Jul 04, 2021 | 69.6 | 70.2 | 71.3 | 71.9 | 71.3 | 47.6 | 47.8 | 49.6 | 49.3 | 46.5 |
| Jul 11, 2021 | 70.4 | 70.9 | 72.1 | 72.8 | 72.3 | 54.7 | 54.9 | 56.4 | 56.1 | 53.5 |
| Jul 18, 2021 | 71.0 | 71.6 | 72.8 | 73.5 | 73.2 | 59.6 | 59.8 | 61.2 | 61.1 | 59.0 |

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|---------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| July 25, 2021 | 71.6 | 72.2 | 73.4 | 74.1 | 74.0 | 62.8 | 63.0 | 64.3 | 64.3 | 62.4 |
| Aug 01, 2021 | 72.0 | 72.6 | 73.8 | 74.6 | 74.5 | 64.6 | 65.0 | 66.2 | 66.4 | 64.5 |
| Aug 08, 2021 | 72.5 | 73.1 | 74.2 | 75.1 | 75.1 | 66.2 | 66.6 | 67.8 | 68.1 | 66.3 |
| Aug 15, 2021 | 73.0 | 73.6 | 74.8 | 75.7 | 75.7 | 67.4 | 67.9 | 69.0 | 69.4 | 67.8 |
| Aug 22, 2021 | 73.5 | 74.1 | 75.3 | 76.3 | 76.3 | 68.3 | 68.9 | 70.0 | 70.5 | 69.1 |
| Aug 29, 2021 | 74.1 | 74.8 | 76.0 | 77.0 | 77.1 | 69.2 | 69.7 | 70.9 | 71.4 | 70.2 |
| Sep 05, 2021 | 74.8 | 75.4 | 76.6 | 77.6 | 77.7 | 69.9 | 70.5 | 71.6 | 72.2 | 71.2 |
| Sep 12, 2021 | 75.4 | 76.0 | 77.1 | 78.1 | 78.3 | 70.7 | 71.3 | 72.4 | 73.0 | 72.1 |
| Sep 19, 2021 | 76.0 | 76.6 | 77.7 | 78.7 | 78.9 | 71.7 | 72.3 | 73.4 | 74.0 | 73.3 |
| Sep 26, 2021 | 76.5 | 77.1 | 78.1 | 79.2 | 79.4 | 72.5 | 73.1 | 74.2 | 74.9 | 74.3 |
| Oct 03, 2021 | 76.9 | 77.5 | 78.5 | 79.6 | 79.9 | 73.2 | 73.9 | 74.9 | 75.7 | 75.2 |
| Oct 10, 2021 | 77.2 | 77.8 | 78.8 | 79.9 | 80.2 | 73.9 | 74.5 | 75.5 | 76.3 | 75.9 |
| Oct 17, 2021 | 77.5 | 78.1 | 79.1 | 80.2 | 80.6 | 74.5 | 75.1 | 76.1 | 76.9 | 76.6 |
| Oct 24, 2021 | 77.7 | 78.3 | 79.3 | 80.4 | 80.8 | 75.0 | 75.6 | 76.6 | 77.4 | 77.2 |
| Oct 31, 2021 | 77.9 | 78.5 | 79.5 | 80.6 | 81.1 | 75.4 | 76.0 | 77.0 | 77.9 | 77.7 |
| Nov 07, 2021 | 78.1 | 78.7 | 79.6 | 80.8 | 81.3 | 75.8 | 76.4 | 77.3 | 78.2 | 78.1 |
| Nov 14, 2021 | 78.3 | 78.8 | 79.8 | 81.0 | 81.4 | 76.1 | 76.7 | 77.6 | 78.6 | 78.5 |
| Nov 21, 2021 | 78.7 | 79.4 | 80.4 | 81.6 | 81.9 | 76.4 | 77.0 | 77.9 | 78.8 | 78.8 |

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|--------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| Nov 28, 2021 | 79.7 | 80.6 | 82.0 | 83.0 | 82.9 | 76.6 | 77.2 | 78.1 | 79.0 | 79.1 |
| Dec 05, 2021 | 80.5 | 81.5 | 83.0 | 84.0 | 83.8 | 76.7 | 77.4 | 78.3 | 79.2 | 79.3 |
| Dec 12, 2021 | 81.0 | 82.1 | 83.6 | 84.6 | 84.4 | 76.9 | 77.5 | 78.4 | 79.4 | 79.5 |
| Dec 19, 2021 | 81.4 | 82.5 | 84.0 | 85.0 | 84.9 | 77.0 | 77.7 | 78.6 | 79.6 | 79.7 |
| Dec 26, 2021 | 81.6 | 82.7 | 84.2 | 85.3 | 85.3 | 77.2 | 77.8 | 78.8 | 79.8 | 79.9 |
| Jan 02, 2022 | 81.6 | 82.7 | 84.2 | 85.3 | 85.3 | 77.2 | 77.8 | 78.8 | 79.8 | 79.9 |
| Jan 09, 2022 | 81.9 | 83.0 | 84.5 | 85.7 | 85.8 | 77.4 | 78.1 | 79.2 | 80.2 | 80.1 |
| Jan 16, 2022 | 82.2 | 83.4 | 84.8 | 86.1 | 86.3 | 77.7 | 78.5 | 79.7 | 80.7 | 80.5 |
| Jan 23, 2022 | 82.4 | 83.6 | 85.1 | 86.3 | 86.6 | 78.1 | 78.9 | 80.1 | 81.1 | 80.8 |
| Jan 30, 2022 | 82.6 | 83.8 | 85.3 | 86.5 | 86.9 | 78.6 | 79.6 | 80.9 | 81.8 | 81.4 |
| Feb 06, 2022 | 82.7 | 83.9 | 85.4 | 86.7 | 87.1 | 79.2 | 80.2 | 81.5 | 82.4 | 81.9 |
| Feb 13, 2022 | 82.8 | 84.0 | 85.5 | 86.8 | 87.3 | 79.5 | 80.6 | 82.0 | 82.9 | 82.4 |
| Feb 20, 2022 | 82.9 | 84.1 | 85.6 | 86.9 | 87.4 | 79.8 | 80.9 | 82.3 | 83.3 | 82.8 |

Note: At least one dose includes individuals who have initiated the series, completed the series or completed the series and received one booster. Series completed includes individuals who have completed the series and completed the series and received one booster. Series completion and one booster includes individuals who have received a booster dose.

Table A2. Cumulative vaccination coverage for individuals 5 years and older with series completion and one booster status by week of vaccination and quintile of neighbourhood diversity: Ontario, December 14, 2020 to February 21, 2022

| Week of | Series completion one and booster – Quintile 1 (low) | Series completion one and booster – Quintile 2 | Series completion one and booster – Quintile 3 | Series completion one and booster – Quintile 4 | Series completion one and booster – Quintile 5 (high) |
|--------------|--|--|--|--|---|
| Dec 13, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 20, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 27, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 03, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 10, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 17, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 24, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 31, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 07, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 14, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 21, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 28, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 07, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 14, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 21, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 28, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 04, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 11, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 18, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 25, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 02, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 09, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 16, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 23, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 30, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 06, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 13, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 20, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 27, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Week of | Series completion one and booster – Quintile 1 (low) | Series completion one and booster – Quintile 2 | Series completion one and booster – Quintile 3 | Series completion one and booster – Quintile 4 | Series completion one and booster – Quintile 5 (high) |
|---------------|--|--|--|--|---|
| Jul 04, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul 11, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul 18, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| July 25, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 01, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 08, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 15, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 22, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 29, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep 05, 2021 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| Sep 12, 2021 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Sep 19, 2021 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| Sep 26, 2021 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 |
| Oct 03, 2021 | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 |
| Oct 10, 2021 | 0.4 | 0.3 | 0.3 | 0.3 | 0.1 |
| Oct 17, 2021 | 0.5 | 0.4 | 0.4 | 0.3 | 0.2 |
| Oct 24, 2021 | 0.6 | 0.5 | 0.5 | 0.4 | 0.2 |
| Oct 31, 2021 | 0.8 | 0.7 | 0.7 | 0.7 | 0.4 |
| Nov 07, 2021 | 1.2 | 1.3 | 1.4 | 1.4 | 0.8 |
| Nov 14, 2021 | 2.0 | 2.2 | 2.4 | 2.4 | 1.5 |
| Nov 21, 2021 | 3.5 | 3.6 | 3.9 | 3.7 | 2.4 |
| Nov 28, 2021 | 5.6 | 5.6 | 5.7 | 5.3 | 3.4 |
| Dec 05, 2021 | 8.5 | 8.3 | 8.1 | 7.2 | 4.7 |
| Dec 12, 2021 | 15.0 | 14.4 | 14.3 | 12.5 | 8.4 |
| Dec 19, 2021 | 23.5 | 22.7 | 22.6 | 20.0 | 13.9 |
| Dec 26, 2021 | 28.8 | 28.3 | 28.4 | 25.8 | 19.1 |
| Jan 02, 2022 | 28.9 | 28.4 | 28.6 | 26.0 | 19.2 |
| Jan 09, 2022 | 36.3 | 35.9 | 36.0 | 33.2 | 25.5 |
| Jan 16, 2022 | 42.6 | 42.2 | 42.0 | 39.0 | 31.0 |
| Jan 23, 2022 | 46.0 | 45.5 | 45.1 | 42.2 | 34.4 |
| Jan 30, 2022 | 48.2 | 47.6 | 47.2 | 44.5 | 37.3 |
| Feb 06, 2022 | 49.4 | 48.8 | 48.5 | 46.1 | 39.3 |

| Week of | Series completion one and booster – Quintile 1 (low) | Series completion one and booster – Quintile 2 | Series completion one and booster – Quintile 3 | Series completion one and booster – Quintile 4 | Series completion one and booster – Quintile 5 (high) |
|--------------|--|--|--|--|---|
| Feb 13, 2022 | 50.2 | 49.6 | 49.4 | 47.1 | 40.7 |
| Feb 20, 2022 | 50.7 | 50.2 | 50.1 | 48.0 | 41.7 |

Note: Series completion and one booster includes individuals who have received a booster dose.

Table A3. Vaccination coverage for individuals 5 years and older with at least one dose or series completion status by quintile of neighbourhood diversity and gender: Ontario, December 14, 2020 to February 21, 2022

| Vaccination status | Female | Male |
|--|--------|------|
| At least 1 dose – Quintile 1 (low) | 83.4 | 82.0 |
| At least 1 dose – Quintile 2 | 84.2 | 83.6 |
| At least 1 dose – Quintile 3 | 85.4 | 85.3 |
| At least 1 dose – Quintile 4 | 86.4 | 87.0 |
| At least 1 dose – Quintile 5 (high) | 86.6 | 87.9 |
| Series completed – Quintile 1 (low) | 80.7 | 78.7 |
| Series completed – Quintile 2 | 81.4 | 80.2 |
| Series completed – Quintile 3 | 82.4 | 81.8 |
| Series completed – Quintile 4 | 83.1 | 83.2 |
| Series completed – Quintile 5 (high) | 82.4 | 83.1 |
| Series completed and one booster– Quintile 1 (low) | 54.1 | 47.1 |
| Series completed and one booster – Quintile 2 | 53.3 | 46.9 |
| Series completed and one booster – Quintile 3 | 52.8 | 47.4 |
| Series completed and one booster – Quintile 4 | 50.1 | 45.9 |
| Series completed and one booster – Quintile 5 (high) | 43.2 | 40.4 |

Note: At least one dose includes individuals who have initiated the series, completed the series or completed the series and received one booster. Series completed includes individuals who have completed the series and completed the series and received one booster. Series completion and one booster includes individuals who have received a booster dose.

Table A4. Vaccination coverage for individuals 5 years and older with at least one dose or series completion status by quintile of neighbourhood diversity and age group: Ontario, December 14, 2020 to February 21, 2022

| Age group | 5 to 11 years old | 12 to 17 years old | 18 to 29 years old | 30 to 59 years old | 60 to 79 years old | 80 years and older |
|--|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| At least 1 dose – Quintile 1 (low) | 50.8 | 81.5 | 79 | 82.4 | 94.1 | 77.3 |
| At least 1 dose – Quintile 2 | 54.8 | 83.8 | 83.2 | 84.7 | 94.5 | 74.4 |
| At least 1 dose – Quintile 3 | 57.9 | 86.7 | 88.4 | 85.9 | 94.6 | 76.6 |
| At least 1 dose – Quintile 4 | 54.5 | 86.3 | 96.8 | 87.4 | 94.7 | 73.9 |
| At least 1 dose – Quintile 5 (high) | 46.1 | 84.3 | 100.0* | 87.9 | 93.9 | 72.1 |
| Series completed – Quintile 1 (low) | 28.6 | 78.2 | 75.9 | 80.5 | 93.3 | 76.7 |
| Series completed – Quintile 2 | 33.5 | 80.9 | 80.3 | 82.9 | 93.7 | 73.7 |
| Series completed – Quintile 3 | 37.6 | 83.8 | 85.5 | 84.2 | 93.7 | 75.4 |
| Series completed – Quintile 4 | 33.3 | 83.1 | 93.5 | 85.6 | 93.5 | 72.7 |
| Series completed – Quintile 5 (high) | 21.3 | 80.3 | 100.0* | 85.9 | 92.5 | 70.8 |
| Series completed and one booster– Quintile 1 (low) | 0.0 | 3.9 | 32.2 | 48.0 | 78.7 | 68.7 |
| Series completed and one booster – Quintile 2 | 0.0 | 5.3 | 36.1 | 50.9 | 79.4 | 66.0 |
| Series completed and one booster – Quintile 3 | 0.0 | 7.2 | 40.4 | 53.3 | 78.8 | 65.9 |
| Series completed and one booster – Quintile 4 | 0.0 | 7.2 | 43.5 | 52.5 | 75.6 | 61.9 |
| Series completed and one booster – Quintile 5 (high) | 0.0 | 5.2 | 41.6 | 46.3 | 68.2 | 56.0 |

*Coverage estimates shown as 100% may represent estimates of 100% or more. Coverage estimates may be over 100% due to limitations in the vaccination data (numerator) or Ontario population estimates (denominator).

Note: At least one dose includes individuals who have initiated the series, completed the series or completed the series and received one booster. Series completed includes individuals who have completed the series and completed the series and received one booster. Series completion and one booster includes individuals who have received a booster dose.

Table A5. Cumulative vaccination coverage for individuals 5 years and older with at least one dose or series completion status by week of vaccination and quintile of neighbourhood material deprivation: Ontario, December 14, 2020 to February 21, 2022

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|--------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| Dec 13, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 20, 2020 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 27, 2020 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 03, 2021 | 1.0 | 0.8 | 0.7 | 0.7 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 10, 2021 | 1.5 | 1.3 | 1.2 | 1.1 | 0.9 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Jan 17, 2021 | 1.7 | 1.5 | 1.3 | 1.2 | 1.0 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 |
| Jan 24, 2021 | 1.7 | 1.5 | 1.4 | 1.2 | 1.1 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 |
| Jan 31, 2021 | 1.8 | 1.5 | 1.4 | 1.3 | 1.1 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 |
| Feb 07, 2021 | 1.8 | 1.6 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.8 | 0.8 | 0.7 |
| Feb 14, 2021 | 2.0 | 1.8 | 1.6 | 1.5 | 1.3 | 1.5 | 1.3 | 1.2 | 1.1 | 0.9 |
| Feb 21, 2021 | 2.8 | 2.5 | 2.3 | 2.1 | 1.8 | 1.7 | 1.5 | 1.3 | 1.2 | 1.0 |
| Feb 28, 2021 | 4.3 | 4.0 | 3.7 | 3.4 | 3.0 | 1.7 | 1.5 | 1.4 | 1.2 | 1.1 |
| Mar 07, 2021 | 6.2 | 5.8 | 5.5 | 5.1 | 4.4 | 1.8 | 1.5 | 1.4 | 1.3 | 1.1 |
| Mar 14, 2021 | 8.9 | 8.3 | 7.9 | 7.5 | 6.4 | 1.8 | 1.6 | 1.4 | 1.3 | 1.2 |
| Mar 21, 2021 | 12.5 | 11.5 | 11.1 | 10.5 | 8.9 | 1.9 | 1.6 | 1.5 | 1.4 | 1.2 |
| Mar 28, 2021 | 16.3 | 15.2 | 14.7 | 14.0 | 11.7 | 2.0 | 1.7 | 1.6 | 1.5 | 1.3 |

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|---------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| Apr 04, 2021 | 21.3 | 20.1 | 19.4 | 18.4 | 15.4 | 2.1 | 1.8 | 1.7 | 1.6 | 1.4 |
| Apr 11, 2021 | 26.4 | 25.2 | 24.5 | 23.3 | 19.5 | 2.2 | 1.9 | 1.8 | 1.7 | 1.5 |
| Apr 18, 2021 | 32.6 | 31.1 | 30.1 | 28.5 | 24.1 | 2.4 | 2.0 | 1.9 | 1.8 | 1.6 |
| Apr 25, 2021 | 37.7 | 36.2 | 34.9 | 33.2 | 28.4 | 2.5 | 2.1 | 2.0 | 1.9 | 1.7 |
| May 02, 2021 | 43.4 | 42.0 | 40.8 | 39.0 | 33.6 | 2.7 | 2.3 | 2.2 | 2.0 | 1.8 |
| May 09, 2021 | 50.1 | 48.5 | 47.1 | 45.2 | 39.3 | 3.1 | 2.6 | 2.5 | 2.3 | 2.1 |
| May 16, 2021 | 57.0 | 55.1 | 53.4 | 51.4 | 45.0 | 3.9 | 3.4 | 3.2 | 3.0 | 2.7 |
| May 23, 2021 | 62.6 | 60.6 | 59.0 | 56.7 | 49.9 | 5.3 | 4.6 | 4.3 | 4.0 | 3.6 |
| May 30, 2021 | 67.6 | 65.3 | 63.5 | 61.4 | 54.5 | 8.2 | 7.2 | 6.7 | 6.3 | 5.4 |
| Jun 06, 2021 | 71.2 | 68.4 | 66.5 | 64.5 | 57.7 | 14.3 | 13.0 | 12.2 | 11.5 | 9.6 |
| Jun 13, 2021 | 73.2 | 70.2 | 68.2 | 66.2 | 59.6 | 22.8 | 20.9 | 19.8 | 18.8 | 15.9 |
| Jun 20, 2021 | 74.6 | 71.4 | 69.4 | 67.5 | 61.0 | 33.7 | 30.8 | 28.9 | 27.2 | 22.8 |
| Jun 27, 2021 | 75.5 | 72.2 | 70.4 | 68.5 | 62.1 | 44.9 | 41.3 | 38.7 | 36.5 | 30.7 |
| Jul 04, 2021 | 76.2 | 73.0 | 71.3 | 69.5 | 63.3 | 54.8 | 50.9 | 48.0 | 45.5 | 38.9 |
| Jul 11, 2021 | 76.9 | 73.8 | 72.1 | 70.4 | 64.4 | 61.7 | 57.9 | 55.1 | 52.5 | 45.7 |
| Jul 18, 2021 | 77.5 | 74.4 | 72.8 | 71.3 | 65.4 | 66.6 | 62.9 | 60.2 | 57.7 | 50.7 |
| July 25, 2021 | 78.0 | 75.0 | 73.5 | 72.0 | 66.2 | 69.6 | 66.1 | 63.5 | 61.1 | 54.1 |
| Aug 01, 2021 | 78.4 | 75.5 | 73.9 | 72.5 | 66.8 | 71.5 | 68.0 | 65.5 | 63.1 | 56.3 |

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|--------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| Aug 08, 2021 | 78.8 | 75.9 | 74.4 | 73.0 | 67.4 | 73.0 | 69.5 | 67.2 | 65.0 | 58.2 |
| Aug 15, 2021 | 79.3 | 76.5 | 75.0 | 73.6 | 68.1 | 74.1 | 70.8 | 68.5 | 66.4 | 59.8 |
| Aug 22, 2021 | 79.8 | 77.0 | 75.5 | 74.2 | 68.8 | 75.1 | 71.8 | 69.6 | 67.6 | 61.1 |
| Aug 29, 2021 | 80.4 | 77.6 | 76.2 | 75.0 | 69.7 | 75.8 | 72.6 | 70.6 | 68.6 | 62.3 |
| Sep 05, 2021 | 80.9 | 78.2 | 76.8 | 75.6 | 70.5 | 76.5 | 73.3 | 71.4 | 69.5 | 63.3 |
| Sep 12, 2021 | 81.3 | 78.7 | 77.4 | 76.3 | 71.3 | 77.2 | 74.1 | 72.2 | 70.5 | 64.3 |
| Sep 19, 2021 | 81.7 | 79.2 | 78.0 | 77.0 | 72.1 | 78.0 | 75.0 | 73.3 | 71.6 | 65.6 |
| Sep 26, 2021 | 82.1 | 79.6 | 78.4 | 77.5 | 72.8 | 78.7 | 75.8 | 74.1 | 72.6 | 66.8 |
| Oct 03, 2021 | 82.4 | 80.0 | 78.8 | 77.9 | 73.4 | 79.3 | 76.5 | 74.9 | 73.5 | 67.8 |
| Oct 10, 2021 | 82.6 | 80.2 | 79.1 | 78.3 | 73.8 | 79.9 | 77.1 | 75.6 | 74.2 | 68.7 |
| Oct 17, 2021 | 82.8 | 80.5 | 79.4 | 78.6 | 74.3 | 80.3 | 77.7 | 76.2 | 74.9 | 69.6 |
| Oct 24, 2021 | 83.0 | 80.7 | 79.7 | 78.9 | 74.6 | 80.7 | 78.1 | 76.7 | 75.5 | 70.3 |
| Oct 31, 2021 | 83.2 | 80.9 | 79.9 | 79.1 | 74.9 | 81.0 | 78.5 | 77.2 | 76.0 | 70.9 |
| Nov 07, 2021 | 83.3 | 81.0 | 80.0 | 79.3 | 75.1 | 81.3 | 78.8 | 77.5 | 76.4 | 71.4 |
| Nov 14, 2021 | 83.4 | 81.2 | 80.2 | 79.5 | 75.3 | 81.6 | 79.1 | 77.9 | 76.8 | 71.9 |
| Nov 21, 2021 | 84.2 | 81.7 | 80.7 | 79.9 | 75.7 | 81.8 | 79.4 | 78.1 | 77.1 | 72.3 |
| Nov 28, 2021 | 85.9 | 83.2 | 81.8 | 80.8 | 76.5 | 81.9 | 79.5 | 78.4 | 77.4 | 72.6 |
| Dec 05, 2021 | 87.1 | 84.2 | 82.6 | 81.5 | 77.2 | 82.1 | 79.7 | 78.5 | 77.6 | 72.9 |

| Week of | At least 1 dose – Quintile 1 (low) | At least 1 dose – Quintile 2 | At least 1 dose – Quintile 3 | At least 1 dose – Quintile 4 | At least 1 dose – Quintile 5 (high) | Series completion – Quintile 1 (low) | Series completion – Quintile 2 | Series completion – Quintile 3 | Series completion – Quintile 4 | Series completion – Quintile 5 (high) |
|--------------|------------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------------|
| Dec 12, 2021 | 87.9 | 84.9 | 83.2 | 82.1 | 77.7 | 82.3 | 79.9 | 78.7 | 77.8 | 73.1 |
| Dec 19, 2021 | 88.4 | 85.3 | 83.6 | 82.4 | 78.1 | 82.4 | 80.0 | 78.9 | 77.9 | 73.3 |
| Dec 26, 2021 | 88.7 | 85.6 | 83.9 | 82.7 | 78.3 | 82.6 | 80.2 | 79.0 | 78.1 | 73.4 |
| Jan 02, 2022 | 88.7 | 85.6 | 83.9 | 82.7 | 78.3 | 82.6 | 80.2 | 79.0 | 78.1 | 73.4 |
| Jan 09, 2022 | 89.0 | 86.0 | 84.3 | 83.1 | 78.7 | 83.0 | 80.5 | 79.3 | 78.3 | 73.7 |
| Jan 16, 2022 | 89.3 | 86.3 | 84.7 | 83.5 | 79.2 | 83.6 | 81.0 | 79.7 | 78.6 | 74.0 |
| Jan 23, 2022 | 89.6 | 86.6 | 84.9 | 83.8 | 79.5 | 84.1 | 81.4 | 80.0 | 78.9 | 74.3 |
| Jan 30, 2022 | 89.8 | 86.8 | 85.1 | 84.0 | 79.8 | 85.0 | 82.2 | 80.6 | 79.5 | 74.7 |
| Feb 06, 2022 | 89.9 | 86.9 | 85.3 | 84.1 | 80.0 | 85.7 | 82.8 | 81.2 | 79.9 | 75.2 |
| Feb 13, 2022 | 90.0 | 87.0 | 85.4 | 84.3 | 80.2 | 86.3 | 83.3 | 81.6 | 80.3 | 75.6 |
| Feb 20, 2022 | 90.0 | 87.1 | 85.5 | 84.4 | 80.3 | 86.7 | 83.7 | 81.9 | 80.6 | 75.9 |

Note: At least one dose includes individuals who have initiated the series, completed the series or completed the series and received one booster. Series completed includes individuals who have completed the series and completed the series and received one booster. Series completion and one booster includes individuals who have received a booster dose.

Table A6. Cumulative vaccination coverage for individuals 5 years and older with series completion and one booster status by week of vaccination and quintile of neighbourhood diversity: Ontario, December 14, 2020 to February 21, 2022

| Week of | Series completion and booster – Quintile 1 (low) | Series completion and booster – Quintile 2 | Series completion and booster – Quintile 3 | Series completion and booster – Quintile 4 | Series completion and booster – Quintile 5 (high) |
|--------------|--|--|--|--|---|
| Dec 13, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 20, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dec 27, 2020 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 03, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 10, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 17, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 24, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jan 31, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 07, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 14, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 21, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Feb 28, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 07, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 14, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 21, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mar 28, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 04, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 11, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 18, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Apr 25, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 02, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 09, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 16, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 23, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| May 30, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 06, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 13, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 20, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jun 27, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Week of | Series completion and booster – Quintile 1 (low) | Series completion and booster – Quintile 2 | Series completion and booster – Quintile 3 | Series completion and booster – Quintile 4 | Series completion and booster – Quintile 5 (high) |
|---------------|--|--|--|--|---|
| Jul 04, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul 11, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Jul 18, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| July 25, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 01, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 08, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 15, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 22, 2021 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Aug 29, 2021 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Sep 05, 2021 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| Sep 12, 2021 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Sep 19, 2021 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| Sep 26, 2021 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 |
| Oct 03, 2021 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 |
| Oct 10, 2021 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 |
| Oct 17, 2021 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 |
| Oct 24, 2021 | 0.5 | 0.4 | 0.4 | 0.4 | 0.3 |
| Oct 31, 2021 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 |
| Nov 07, 2021 | 1.7 | 1.3 | 1.1 | 1.0 | 0.8 |
| Nov 14, 2021 | 2.8 | 2.2 | 1.9 | 1.7 | 1.3 |
| Nov 21, 2021 | 4.5 | 3.6 | 3.1 | 2.8 | 2.2 |
| Nov 28, 2021 | 6.5 | 5.4 | 4.8 | 4.2 | 3.3 |
| Dec 05, 2021 | 9.0 | 7.6 | 6.9 | 6.2 | 4.8 |
| Dec 12, 2021 | 15.6 | 13.4 | 12.1 | 10.9 | 8.5 |
| Dec 19, 2021 | 24.7 | 21.5 | 19.4 | 17.4 | 13.6 |
| Dec 26, 2021 | 31.2 | 27.5 | 24.9 | 22.5 | 17.9 |
| Jan 02, 2022 | 31.3 | 27.6 | 25.1 | 22.7 | 18 |
| Jan 09, 2022 | 39.3 | 35.2 | 32.1 | 29.3 | 23.7 |
| Jan 16, 2022 | 45.4 | 41.3 | 38.0 | 35.3 | 29.1 |
| Jan 23, 2022 | 48.5 | 44.5 | 41.4 | 38.7 | 32.4 |
| Jan 30, 2022 | 50.6 | 46.8 | 43.8 | 41.3 | 35.0 |
| Feb 06, 2022 | 52.0 | 48.3 | 45.4 | 43 | 36.7 |

| Week of | Series completion and booster – Quintile 1 (low) | Series completion and booster – Quintile 2 | Series completion and booster – Quintile 3 | Series completion and booster – Quintile 4 | Series completion and booster – Quintile 5 (high) |
|--------------|--|--|--|--|---|
| Feb 13, 2022 | 52.8 | 49.2 | 46.4 | 44.1 | 37.9 |
| Feb 20, 2022 | 53.7 | 50.0 | 47.2 | 44.9 | 38.6 |

Note: Series completion and one booster includes individuals who have received a booster dose.

Table A7. Vaccination coverage for individuals 5 years and older with at least one dose or series completion status by quintile of neighbourhood material deprivation and gender: Ontario, December 14, 2020 to February 21, 2022

| Vaccination status | Female | Male |
|---|--------|------|
| At least 1 dose – Quintile 1 (low) | 89.7 | 90.1 |
| At least 1 dose – Quintile 2 | 87.0 | 86.9 |
| At least 1 dose – Quintile 3 | 85.4 | 85.2 |
| At least 1 dose – Quintile 4 | 84.0 | 84.4 |
| At least 1 dose – Quintile 5 (high) | 80.1 | 80.1 |
| Series completion – Quintile 1 (low) | 86.5 | 86.7 |
| Series completion – Quintile 2 | 83.8 | 83.3 |
| Series completion – Quintile 3 | 82.2 | 81.5 |
| Series completion – Quintile 4 | 80.6 | 80.4 |
| Series completion – Quintile 5 (high) | 76.1 | 75.3 |
| Series completion and one booster – Quintile 1 (low) | 55.7 | 51.7 |
| Series completion and one booster – Quintile 2 | 52.4 | 47.6 |
| Series completion and one booster – Quintile 3 | 49.8 | 44.6 |
| Series completion and one booster – Quintile 4 | 47.5 | 42.3 |
| Series completion and one booster – Quintile 5 (high) | 41.0 | 36.1 |

Note: At least one dose includes individuals who have initiated the series, completed the series or completed the series and received one booster. Series completed includes individuals who have completed the series and completed the series and received one booster. Series completion and one booster includes individuals who have received a booster dose.

Table A8. Vaccination coverage for individuals 5 years and older with at least one dose or series completion status by quintile of neighbourhood material deprivation and age group: Ontario, December 14, 2020 to February 21, 2022

| Vaccination status | 05 to 11 years old | 12 to 17 years old | 18 to 29 years old | 30 to 59 years old | 60 to 79 years old | 80 years and older |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| At least 1 dose – Quintile 1 (low) | 64.8 | 93.1 | 95.3 | 90.3 | 97.8 | 77.4 |
| At least 1 dose – Quintile 2 | 57.3 | 87.6 | 92.5 | 87.6 | 96.1 | 76.1 |
| At least 1 dose – Quintile 3 | 50.7 | 83.7 | 93.7 | 85.6 | 94.3 | 76.1 |
| At least 1 dose – Quintile 4 | 44.9 | 80.4 | 96.8 | 84.4 | 92.5 | 74.2 |
| At least 1 dose – Quintile 5 (high) | 36.3 | 74.8 | 93.1 | 81.3 | 89.8 | 69.9 |
| Series completion – Quintile 1 (low) | 42.5 | 90.7 | 92.7 | 88.9 | 96.9 | 76.2 |
| Series completion – Quintile 2 | 34.5 | 84.9 | 89.8 | 86.0 | 95.2 | 75.2 |
| Series completion – Quintile 3 | 27.6 | 80.5 | 90.5 | 83.9 | 93.4 | 75.2 |
| Series completion – Quintile 4 | 21.8 | 76.4 | 93.1 | 82.3 | 91.4 | 73.4 |
| Series completion – Quintile 5 (high) | 15.2 | 69.7 | 88.5 | 78.6 | 88.4 | 68.9 |
| Series completion and one booster – Quintile 1 (low) | 0.0 | 8.6 | 48.3 | 58.8 | 82.6 | 67.8 |
| Series completion and one booster – Quintile 2 | 0.0 | 6.9 | 42.8 | 53.5 | 79.3 | 65.7 |
| Series completion and one booster – Quintile 3 | 0.0 | 5.2 | 38.6 | 48.9 | 75.9 | 64.9 |
| Series completion and one booster – Quintile 4 | 0.0 | 4.0 | 36.6 | 45.4 | 72.7 | 62.6 |
| Series completion and one booster – Quintile 5 (high) | 0.0 | 2.9 | 31.4 | 39.4 | 66.7 | 56.5 |

Note: At least one dose includes individuals who have initiated the series, completed the series or completed the series and received one booster. Series completed includes individuals who have completed the series and completed the series and received one booster. Series completion and one booster includes individuals who have received a booster dose.

Citation

Ontario Agency for Health Protection and Promotion (Public Health Ontario). COVID-19 vaccination coverage in Ontario by neighbourhood diversity and material deprivation: December 14, 2020 to February 21, 2022. Toronto, ON: Queen's Printer for Ontario; 2022.

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