

Vaccine Implementation Update



Current Status:

65% of adult Ontarians have received at least one dose



6.7M
Doses administered

Over **624,000**
Ontarians fully vaccinated after receiving both doses



97%
LTC residents fully immunized



88%
LTC Staff received at least one dose



110%
RH residents received at least one dose



72%
RH Staff received at least one dose

- Average of **134,800** vaccines administered daily, with capacity to administer up to 150,000 doses per day

| Age Groups | First Dose Percentage |
|------------|-----------------------|
| 80+ | 94% |
| 75-79 | 90% |
| 60-69 | 84% |
| 50-59 | 71% |
| 40-49 | 61% |
| 30-39 | 51% |
| 18-29 | 44% |
| 12-17 | 15% |

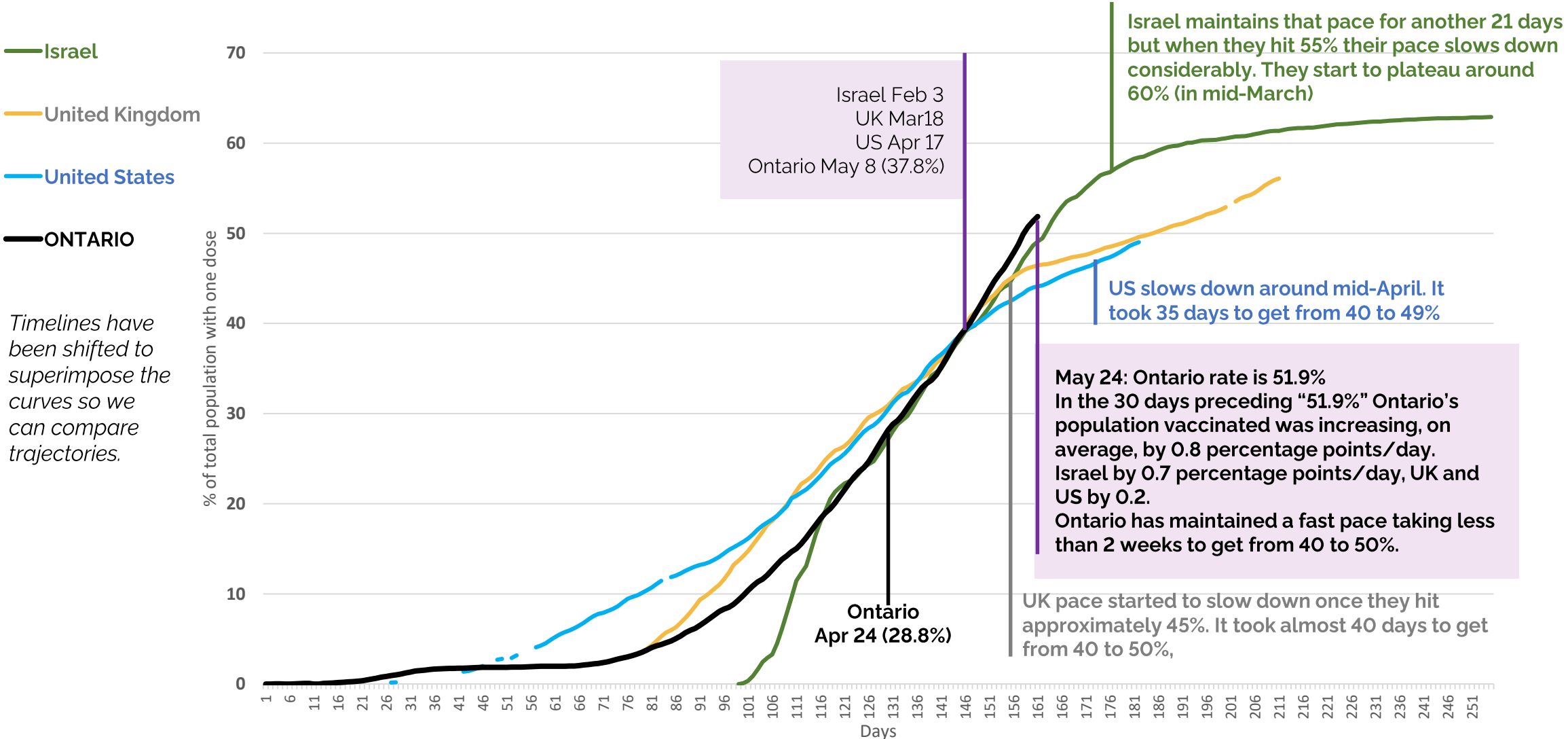
As of May 27, 8 p.m.

Retirement home residents, staff and caregiver counts used to calculate percentages are based on data from the Retirement Home Regulatory Authority (Dec 2020). It represents the estimated population at a specific point in time (mid-December 2020) and not the number of suites. Note that the capacity in the sector fluctuates so it may not be truly representative of the population today. Long-term care home staff counts were provided by MLTC (Dec 2020).

Long-term care home residents are based on the LTCH Cohort (Jan 1 2021), a resident estimate developed by HAIB using administrative data sources.

When the number of people with one or more doses exceeds the estimated denominator the percentage will exceed 100% (e.g. the number of retirement home residents).

Population vaccinated per 100: Comparing Ontario trajectory with Israel, UK, USA



Ontario is currently matching or exceeding the fastest pace of first dose vaccine administration seen in Israel and is exceeding the pace in the US and UK. Ontario has surpassed first dose population coverage in the US and is approaching the levels observed in the UK.

Data source: Our World in Data. <https://ourworldindata.org/covid-vaccinations>. Extracted 05/25/2021 11:00 am. Mathieu, E., Ritchie, H., Ortiz-Ospina, E. et al. A global database of COVID-19 vaccinations. Nat Hum Behav (2021)

Vaccine Supply Update

Over the coming weeks, Ontario expects to receive more vaccine supply from the federal government, supporting the province in Phase Two of its rollout and expanding eligibility to more Ontarians.

Anticipated federal deliveries in June: ~4.7M

- Pfizer-BioNTech
 - May 24: 788,580 doses
 - May 31: 939,510 doses
 - June 7: 939,510 doses
 - June 14: 939,510 doses
 - June 21: 939,510 doses
 - June 28: 938,340 doses
 - July 5: 885,690 doses
 - July 12: 885,690 doses
 - July 19: 885,690 doses
 - July 26: 885,690 doses
- Moderna
 - Week of May 24: 21,610 doses
 - Federal allocations and delivery date pending
- AstraZeneca
 - Week of May 17: 254,500 doses
 - Federal allocations and delivery date pending
- Johnson & Johnson
 - Federal allocations and delivery date pending

COVID-19 Vaccines for Youth

- All 34 PHUs have developed Youth Vaccination Plans for their regions, establishing key partnerships with school boards, youth groups/organizations, and FNIM communities, and strategies to ensure any 12-17 year old who wants a vaccine can receive one, including **at-risk and hard-to-reach populations**.
- PHUs will use a mix of existing mass vaccination clinics, pharmacies, and pop-up school-based and community clinics and utilize creative outreach strategies to promote clinics to youth (e.g., social media, youth influencers).



As of 8:00 a.m. on Sunday, May 23, 2021, youth aged 12 and over across Ontario were eligible to schedule a COVID-19 vaccine appointment through the provincial booking system and call centre, as well as at select pharmacies administering the Pfizer vaccine.



Opening eligibility ahead of schedule allowed those PHUs who had the vaccine supply and appointment availability to start vaccinating youth earlier.



The majority of 12-17 year olds are expected to receive their first dose in June with a second dose in August to ensure as many youth as possible are fully vaccinated prior to the start of the school year in September.

Over 15% of Ontarians aged 12-17 have received at least one dose

COVID-19 Vaccines for Youth – ORI 2.0

ORI 2.0 will build on the success of Operation Remote Immunity to offer the vaccine against COVID-19 to 12 to 17-year-olds in the 31 fly-in First Nations communities and Moosonee in Northern Ontario.

Operation Remote Immunity 2.0



The Ministry of Health, Indigenous Affairs Ontario, Ministry of the Solicitor General and the Northern Public Health Units and First Nation health authorities are collaborating with Ornge to co-develop the plan in partnership with the Nishnawbe Aski Nation (NAN).



Vaccination clinics are scheduled to begin on **May 31st** and all communities are expected to have been offered both the first and second doses by **July 28th**.



Ornge will be leading the operations.



Thunder Bay will be the hub city for the teams and to store the vaccine.



The total number of youth aged 12-17 in these communities eligible to be vaccinated is estimated at approximately **5,000**.

Next Steps

- Continue to work closely with **First Nations partners** including NAN, local Band Councils, community representatives, Sioux Lookout First Nations Health Authority (SLFHNA) and Weeneebayko Area Health Authority (WAHA).
- Coordinate the **aircraft** required by using Ornge's contracted Standing Agreement carriers. Ornge's air ambulance and critical care transport services will not be impacted by ORI 2.0.
- Arrange for **vaccination "Task Teams"** to support the operation from organizations such as NAN, Independent First Nations Alliance (IFNA), WAHA, SLFNHA, First Nation Inuit Health Branch, medical schools, pediatric hospital staff, paramedics, and local Public Health Units. Team members will be vaccinated against COVID-19 and will have undergone Indigenous cultural sensitivity training.

Moving Forward with Second Dose Planning

- Ontario has now completed first doses for 65% of the adult population.
- A stable supply of vaccines allowed the province to expand booking eligibility for first doses to receive a first dose to Ontarians 18+ and youth aged 12-17 ahead of schedule.
- The province continues to target those eligible to receive a first dose, including high-risk/hard to reach populations. It remains critically important that people who have not yet received a first dose get one.
- Prioritizing first doses and extending the interval between doses have allowed Ontario to maximize the number of people receiving a strong level of protection from the first dose in the shortest possible time, and the province is now able to accelerate second doses, beginning with those 80 years of age and older.
- This second dose strategy will support Ontario's Roadmap to Reopen which includes reaching a key threshold of 20 per cent of adults with a second dose to enter Step Two, and provide additional protection based on age and risk.
- The new dose interval could be as short as 28 days, where local appointments and supply are available. If there is sufficient vaccine supply, it is anticipated that the majority Ontario residents who choose to receive the vaccine will be able to be fully vaccinated by the **end of summer**.
- Timing of second dose appointments may vary based on local considerations, vaccine supply and the date of first dose appointment.

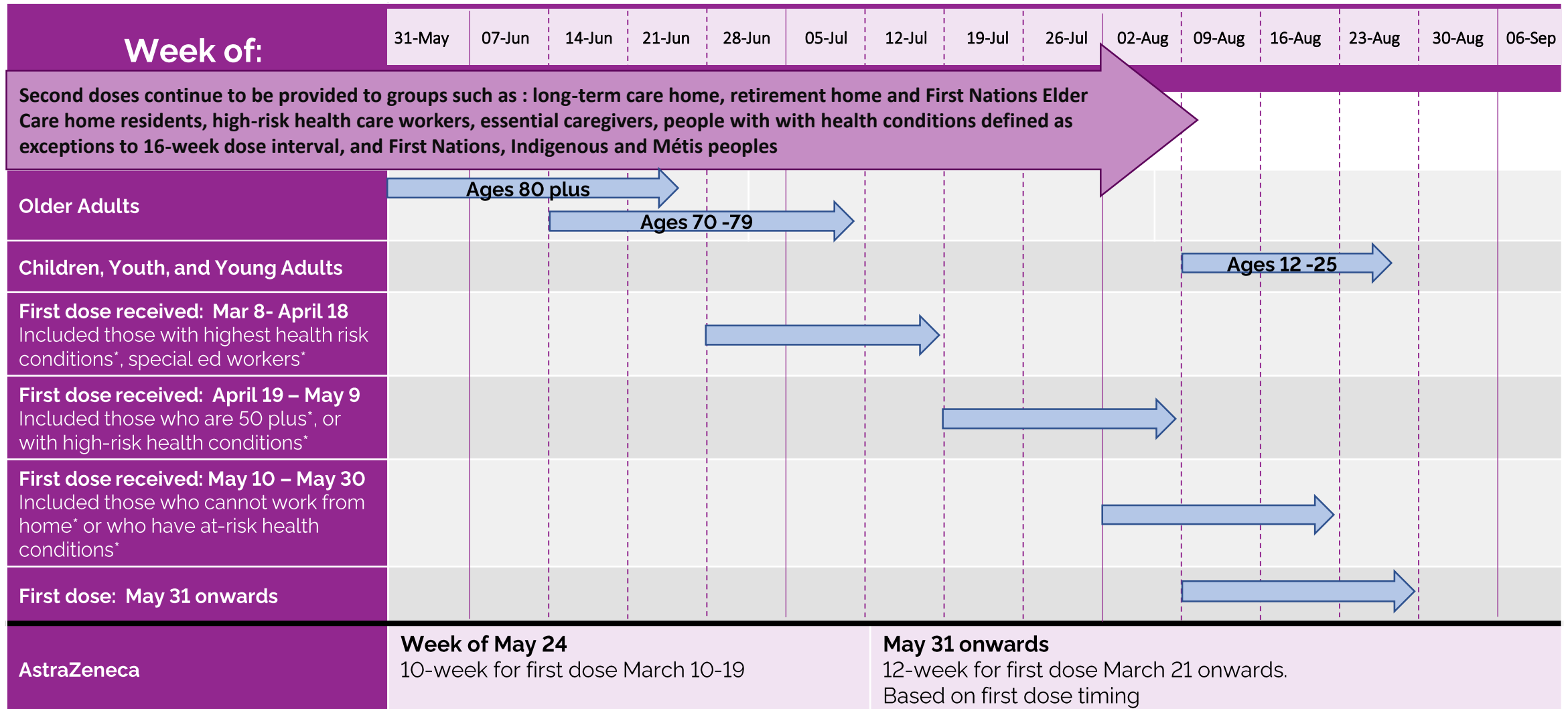
Second Dose Acceleration Guiding Principles

Guiding Principles

| | |
|---|---|
| Population Prioritization & Timing | <ul style="list-style-type: none"> • Second dose acceleration for Pfizer and Moderna will commence with 80+ and 70+ age bands, and proceed with a “first-in, first-out” method where Ontarians are able to accelerate their second dose appointment based on the date of first dose administration. • This approach ensures that highest-risk groups are offered second doses first. The new dose interval could be as short as 28 days, where local appointments and supply are available. • Second doses are already being provided to long-term care, retirement home, and First Nations Elder Care residents, high-risk health care workers, people with certain health conditions, and First Nations, Inuit, and Métis populations. • Acceleration of AstraZeneca second doses will proceed on a 12 week-interval using the “first-in, first-out” method where doses allow; a 10-week interval will be allowed with informed consent for the doses that expire May 31st |
| Vaccine Types | <ul style="list-style-type: none"> • Individuals who received Pfizer or Moderna will ideally receive the same vaccine for their second dose (unless extraneous circumstances arise). • Individuals who received AstraZeneca as first dose could potentially receive mRNA vaccine as second dose if required at the dose interval. Ontario is awaiting guidance from the National Advisory Committee on Immunization on administration of two types of vaccine. |
| Service Delivery Channels | <ul style="list-style-type: none"> • Ontarians will be encouraged to return to the channel / site where they received their first dose for second dose administration, except where it is not possible / less convenient to return to the site of first dose administration. Ontarians may book in another channel of their choice. |
| Appointment Booking / Customer Service | <ul style="list-style-type: none"> • Ontarians will be responsible for booking or rebooking their accelerated second dose appointment when eligibility allows; if this replaces an existing second dose appointment within the provincial booking system, the booking system will automatically cancel the later appointment. • Booking of second appointments will be enabled in the provincial booking system. |
| Available vaccine supply | <ul style="list-style-type: none"> • Expected timing of second dose acceleration assumes only the confirmed vaccine supply from the federal government. Additional supply may permit additional acceleration. |

Overview of Second Dose Booking Eligibility

(Plan is based on confirmed vaccine supply and does not include June Moderna shipments; with additional vaccine supply timelines may be advanced to allow more accelerated second doses)



*Possible example only, an individual will only be able to accelerate their second dose if the first dose was received in the specified timeframe.

Note: Dates provided are for when the group is eligible to book a second dose. The new dose interval could be as short as 28 days, where local appointments and supply are available. . Timing of second dose appointments may vary based on local considerations, vaccine supply and the date of an individual's first dose appointment. Throughout the second dose rollout, the Ministry will continue to take into consideration historical as well as current COVID hotspot regions across Ontario.

AstraZeneca Second Dose Administration

- On May 21 the province announced that for a limited time, individuals who received their first dose of AstraZeneca during the period of March 10, 2021 to March 19, 2021 may opt for an earlier dose interval of 10 weeks, with informed consent.
- This began in the regions where the AstraZeneca vaccine was initially launched in pharmacies and primary care settings in March 2021.
- Participating pharmacies in Kingston, Windsor and Toronto and primary care settings in Hamilton, Peterborough, Guelph, Muskoka, Peel and Toronto have received supplies of AstraZeneca and have begun to administer it.
- Since May 11th over 10,000 eligible individuals have received their second doses of AstraZeneca through pharmacies and their primary care providers.
- In accordance with the Ministry of Health COVID 19 Vaccine Storage and Handling Guidance, distributors for the pharmacy sector undertake quality assurance reviews of all AstraZeneca vaccine before they are redistributed. This is standard procedure and no dose will be distributed that is not meet the requirements.
- AstraZeneca second doses will proceed on a 12-week interval using the “first-in, first-out” method where supply allows.

Booking Your Second Dose

- There are a number of different vaccination clinic options that may be available in your region. Not all of the clinic types will be available in every region and will depend on local planning done by each public health unit.
- Ontarians will be encouraged to return to the channel / site where they received their first dose for second dose administration, except where it is not possible / less convenient to return to the site of first dose administration. Ontarians may book in another channel of their choice.
- Some individuals may already have a second dose appointment booked (e.g.: if booked through the provincial booking system, at some pharmacy settings, etc.).

When you are eligible for an accelerated second dose:

- In some cases, you will be able to book your accelerated second dose appointment to receive it at the same clinic you received your first dose.
- You may also choose to book your accelerated second dose appointment to receive it at a different clinic/venue (e.g., mass vaccination clinic, pharmacy).
- Consult the provincial website, your local public health unit website and/or participating pharmacy website to understand which options you have available to you to book your accelerated second dose appointment.

Booking Your Second Dose (cont'd)

| Where can I get vaccinated? | How can I book? |
|-----------------------------|---|
| Mass immunization clinic | <ol style="list-style-type: none"> 1. For public health units using the provincial booking system: visit Ontario.ca/bookvaccine to book online or call the Provincial Vaccine Booking Line number at 1-833-943-3900. 2. For public health units using their own booking system: visit your public health unit website for booking details. |
| Pop-up/mobile clinic | <ul style="list-style-type: none"> • You may already have a second dose appointment booked at that pop-up location. If not, you will be informed about your options for second doses. Those who attended these clinics will also have the option of booking second doses at mass clinics, or at a pharmacy, or attending another mobile clinic. |
| Hospital clinic | <ul style="list-style-type: none"> • Visit your public health unit website for booking details, if available in your region. |
| Pharmacy and primary care | <p>Eligible individuals are encouraged to contact the pharmacy or primary care provider where they received their first dose. Primary care settings and pharmacies may also be reaching out to eligible Ontarians to accelerate appointments for second doses.</p> |

Appendices

Appendix: Overview of first dose planning

As of April 6, 2021

| | Phase 2 | | |
|-----------------------|---|-----|--|
| | April | May | June |
| Older Adults | <p>Over 75</p> <p>Over 70</p> <p>Over 65</p> <p>Over 60</p> | | |
| Health Conditions | <p>Individuals with Health Conditions</p> <p>Highest Risk & Caregivers</p> <p>High Risk & Certain Caregivers</p> <p>At-Risk Health Conditions</p> | | |
| Congregate Settings | <p>High Risk Congregate Settings</p> | | |
| Hot Spots | <p>COVID-19 Hot Spots Communities</p> <p>Highest Risk Communities</p> <p>Remaining Hot Spots Communities</p> | | |
| Cannot-Work-From-Home | | | <p>Essential Workers who cannot work from home</p> <p>Group 1</p> <p>Group 2</p> |