

COVID-19 VACCINE SCHEDULES

Booster/additional dose(s) for people who are fully vaccinated^{1,2} with a vaccine series outside of the US, in a clinical trial, or that was mix-and-match

People who are considered fully vaccinated with a non-FDA approved/authorized COVID-19 vaccine primary series should follow the schedules below for booster and/or additional COVID-19 vaccine doses.

Age	Vaccine	Primary Series	Booster #1	Booster #2 ³
12+	Non-FDA authorized/ approved vaccine	Dose 1 → Recommended interval → Dose 2	At least 5 months → Booster (Pfizer or Moderna ⁴ (12-17, Pfizer only))	At least 4 months → Booster (Pfizer or Moderna ⁴ Ages 50+ only ³)
12+ with weak immune system	Non-FDA authorized/ approved vaccine	Dose 1 → Recommended interval → Dose 2 → At least 4 weeks → Dose 3	At least 3 months → Booster (Pfizer or Moderna ⁴ (12-17, Pfizer only))	At least 4 months → Booster (Pfizer or Moderna ^{3,4} (12-17, Pfizer only))

Note: if you were recently infected with COVID-19, you may consider delaying your booster dose(s) for 3 months.

- You are considered fully vaccinated two weeks after receiving:
 - The final dose of a vaccine series that is [listed for emergency use](#) by the World Health Organization (WHO). Currently, this includes AstraZeneca-Oxford (Vaxzevria), Serum Institute of India Pvt. Ltd (Covishield and Covovax), BIBP (Sinopharm), Sinovac (CoronaVac), Bharat Biotech International (Covaxin), and Convidecia. See the current [COVID-19 WHO EUL list](#).
 - The final dose of a “mix-and-match” combination of FDA approved/authorized and/or WHO listed vaccines (only if the first 2 doses were at least 17 days apart).
 - All recommended “active” COVID-19 vaccines (not placebo) in a clinical vaccine trial. Note: the vaccine should be either a WHO-listed vaccine that is not FDA-approved/authorized or a vaccine for which a U.S. data and safety monitoring board or equivalent has independently [confirmed efficacy](#).
- If you do not meet the criteria for fully vaccinated, see CDC vaccines outside the US/clinical trial [Appendices A and B](#).
- A 2nd booster dose is recommended (Pfizer or Moderna vaccines only) if you are age 50 or older OR if you are [moderately or severely immunocompromised](#) (weak immune system). If you are 12-17 years of age, you can only receive the Pfizer vaccine. See [COVID-19 Vaccine Boosters](#).
- The Pfizer and Moderna COVID-19 vaccines are the only vaccines authorized as an additional dose or booster for people who did not receive an FDA authorized/approved COVID-19 primary vaccine series. Children ages 12-17 can receive the Pfizer or Moderna vaccines. Only Pfizer is currently authorized as a booster for children 12-17.

For more information see [Stay Up to Date with Your COVID-19 Vaccines](#).

