

# Mixed dosing is authorized for COVID-19 vaccine boosters.



Initial Series	Pfizer	Moderna	Johnson & Johnson
When	6 months or longer after completion of primary series	6 months or longer after completion of primary series	2 months or longer after completion of single dose
Who	65+; 18+ at high risk of severe COVID; 18+ who lives or works in high-risk settings	65+; 18+ at high risk of severe COVID; 18+ who lives or works in high-risk settings	Anyone who received a first dose (18+)
Booster Options	Pfizer, 1/2 dose Moderna, or Johnson & Johnson	Pfizer, 1/2 dose Moderna, or Johnson & Johnson	Pfizer, 1/2 dose Moderna, or Johnson & Johnson

## Third dose

- \* People with moderately to severely compromised immune systems are especially vulnerable to COVID-19, and may not build the same level of immunity to 2-dose vaccine series compared to people who are not immunocompromised.
- \* CDC recommends that people with moderately to severely compromised immune systems receive an additional dose of the same mRNA COVID-19 vaccine at least 28 days after a second dose of Pfizer-BioNTech COVID-19 vaccine or Moderna COVID-19 Vaccine.
- \* This additional dose is intended to improve immunocompromised people's response to their initial vaccine series.
- \* At this time, CDC does not have a recommendation for immunocompromised people to receive both a booster shot and an additional dose. The current recommendation is for immunocompromised people to receive an additional dose 28-days after completing an mRNA COVID-19 vaccine series.