






The table below summarizes dosage information based on age, dose and medical indications for Pfizer-BioNTech COVID-19 Vaccine formulations. Use this table in conjunction with the [FDA Fact Sheet for Healthcare Professionals](#) and CDC clinical materials.

- Use the correct formulation for the age of the recipient. Formulations are NOT interchangeable. Check the vial label to ensure you are preparing and administering the correct formulation based on the age of the recipient.
 - 5 through 11 years of age: Orange cap and orange bordered label
 - 12 years of age and older: Purple cap and purple bordered label
- Vaccine must be mixed BEFORE administering. Use 0.9% preservative-free normal saline diluent supplied in the ancillary supplies kit. Diluent is not packaged with the vaccine.
- All Pfizer-BioNTech vaccines are administered by intramuscular (IM) injection. The injection site depends on recipient's age:
 - 5 through 11 years of age: Deltoid muscle (preferred)
 - 12 years of age and older: Deltoid muscle
 - Vastus lateralis muscle in the anterolateral thigh may be used.


PRIMARY SERIES DOSES

Primary Series (People 5 years of age and older)				
If administering	Recipient's age	Use	Mix vaccine using	Administer
Primary series: Dose 1 or 2 (Separate by at least 21 days)	5 through 11 years of age	5 through 11 years of age formulation (orange cap) 	1.3 mL of diluent*	0.2 mL
	12 years of age and older	12 years of age and older formulation (purple cap) 	1.8 mL of diluent*	0.3 mL

Additional Primary Dose for Moderately and Severely Immunocompromised Persons

If administering	Recipient's age	Use	Mix Vaccine Using	Administer
Any dose in the series (include the primary 2-dose series and an additional dose given at least 28 days after the primary series)	5 through 11 years of age	An additional dose for moderately and severely immunocompromised children in this age group has NOT been authorized by FDA or recommended by CDC.		
	12 years of age and older	12 years of age and older formulation (purple cap) 	1.8 mL of diluent*	0.3 mL

BOOSTER DOSES

Booster Doses				
If administering	Recipient's age	Use	Mix vaccine using	Administer
Booster dose (at least 6 calendar months after completing the primary series [†])	5 through 15 years of age	A booster dose in this age group has NOT been authorized by FDA or recommended by CDC.		
	16 years of age and older [‡]	12 years of age and older formulation (purple cap) 	1.8 mL of diluent*	0.3 mL

* 0.9% normal saline (preservative-free)

[†] Including the additional primary series dose for moderately and severely immunocompromised persons. If Janssen (Johnson & Johnson) COVID-19 Vaccine was administered as the primary dose, the booster dose should be administered 2 months after receipt of Janssen vaccine.

[‡] A booster dose of COVID-19 vaccine should be administered to all persons 18 years of age or older and may be administered to 16 and 17 year olds based on their individual benefits and risks. Additional information can be found at: www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html#considerations-covid19-vax-booster