

Influenza Vaccine Dosage, by Age of Patient for the 2008-2009 Season

Trivalent Inactivated Influenza Vaccine (TIV)¹ Dosage, by Age Group

Age Group	Dose	No. of Doses	Route
6-35 months ²	0.25 mL	1 or 2 ³	Intramuscular ⁴
3-8 years	0.50 mL	1 or 2 ³	Intramuscular ⁴
9 years and older ⁸	0.50 mL	1	Intramuscular ⁴

Live Attenuated Influenza Vaccine (LAIV)¹ Dosage

Age Group	Dose	No. of Doses	Route
2-49 years ^{5,8}	0.20 mL ⁶	1 or 2 ⁷	Intranasal ⁶

¹ Both TIV and LAIV prepared for the 2008–09 season will include strains, A/Brisbane/59/2007 (H1N1)-like, A/Brisbane/10/2007 (H3N2)-like, and B/Florida/4/2006-like antigens.

² Effective July 1, 2006, the State of California required that children less than 3 years of age and women who are pregnant, be immunized with vaccines containing restricted amounts of thimerosal, a preservative in some influenza vaccines.

³ Two doses administered at least 1 month apart are recommended for children aged 6 months–8 years who are receiving TIV for the first time and those who only received 1 dose in their first year of vaccination should receive 2 doses in the following year.

⁴ For adults and older children, the recommended site of vaccination is the deltoid muscle. The preferred site for infants and young children is the vastus lateralis muscle located on the anterolateral aspect of the thigh.

⁵ Live attenuated influenza vaccine (LAIV) may be considered for healthy persons aged 2-49 years. This vaccine is not approved for use in pregnant women.

⁶ LAIV is intended for intranasal administration only and should be equally divided between each nostril.

⁷ Two doses administered at least 4 weeks apart are recommended for children aged 2–8 years who are receiving LAIV for the first time, and those who received only 1 dose in their first year of vaccination should receive 2 doses in the following year. The recommended interval between LAIV doses is 4 weeks.

⁸ Women who are breastfeeding can receive either TIV or LAIV unless contraindicated because of other medical conditions.

Vaccine Storage and Handling: TIV and LAIV should be stored at refrigerator temperature (35°F–46°F/2°C–8°C) upon receipt and should remain at that temperature until the expiration date.

Special Note: February 27, 2008 the Advisory Committee on Immunization Practices (ACIP) voted to expand the routine vaccination recommendations for annual influenza immunization of children to include **all children from 6 months through 18 years of age.** (*The previous recommendation was for children aged 6 months through 59 months.*)

Adapted from recommendations published in the MMWR Prevention and Control of Influenza: Recommendations of the ACIP 2008, August 8, 2008 (57).