

2009-2010 VFC Seasonal Influenza Vaccine Guidelines

VFC seasonal flu vaccine may be given to all VFC-eligible children 6 months through 18 years of age.

Influenza vaccine available through Michigan's VFC program for eligible children & adolescents during the 2009-2010 flu season includes the following presentations:

- Preservative containing Fluzone™ (sanofi pasteur) for 6 months and older, packaged as 5 mL multi-dose vials
- Preservative free Fluzone™ (sanofi pasteur) for 36 months and older, packaged as 0.5 mL single dose vials
- Preservative free Fluzone™ (sanofi pasteur) for 6-35 months, packaged as 0.25 mL pre-filled, needleless syringes
- Preservative-free FluMist™ (MedImmune) for healthy, non-pregnant persons 2-18 years of age, packaged in single dose 0.2 mL sprayers

SEASONAL INFLUENZA VACCINE DOSING CHART 2009-2010

Trivalent Inactivated Influenza Vaccine (TIV)						
Age	Dosage ¹	Number of Doses per Season ²	Route	Site	Needle Gauge	Needle Length ³
6-35 mo	0.25 mL	1 or 2 doses ²	IM	Anterolat. thigh	22-25 g	1 inch
3-8 yrs	0.5 mL	1 or 2 doses ²	IM	Anterolat. thigh or deltoid	22-25 g	1 inch
9 yrs & older	0.5 mL	1 dose	IM	Anterolat. thigh or deltoid	22-25 g	1- 1.5 inches
Live, Attenuated Influenza Vaccine (LAIV) ⁵						
Age	Dosage ⁴		Number of Doses per Season ²	Route	Site	
2-8 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe		1 or 2 doses ²	Intranasal	Each nostril	
9 yrs & older	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe		1 dose	Intranasal	Each nostril	

CDC recommends:

¹ Children 6-35 mo: 0.25 mL is a full dose. If the child needs 2 doses this season, give 2 doses of 0.25 mL separated by at least 4 weeks

Children 3 years and older: 0.5 mL is a full dose.

Children ages 3 through 8 yrs may need 2 doses. If so, both doses should be 0.5 mL.

Separate the doses (TIV or LAIV) by at least 4 weeks

² Children 6 months thru 8 years need 2 doses of seasonal flu vaccine if they:

- have never received seasonal flu vaccine before **or**
- received seasonal flu vaccine for the first time last flu season and only received 1 dose

Those who were given seasonal influenza vaccine during any other prior flu season should receive only 1 dose

³ Professional judgment is appropriate when selecting the needle length

⁴ 0.2 mL is the correct dose of LAIV for all ages. If the child needs 2 doses, give **two** 0.2 mL doses, separated by at least 4 weeks

⁵ FluMist™ (LAIV) is an option for healthy non-pregnant children and adolescents 2-18 years of age.

LAIV may NOT be given to: children less than 2 yrs of age, children & teens with a high risk condition, children 2-4 yrs of age with a history of wheezing, pregnant females, household/close contacts of severely immunosuppressed (person needing protective environment). For more information regarding the use of LAIV, please refer to "A Quick Look at Using Seasonal Influenza Vaccines- TIV (flu shot) and LAIV (nasal)." This and other influenza resources are available at michigan.gov/flu or aimtoolkit.org – Influenza Resources.