

Seasonal Influenza Vaccine Dosing Chart 2009-10

Trivalent Influenza Vaccine (TIV) "Flu Shot"						
Age	Dosage	No. of Doses per Season*	Route	Site	Needle Gauge	Needle Length [■]
6-35 mo	0.25 mL	1 or 2 doses*	IM	Anterolateral thigh	22-25 g	1 inch
3-8 yrs	0.5 mL	1 or 2 doses*	IM	Anterolateral thigh or deltoid	22-25 g	1 inch
9 yrs & older	0.5 mL	1 dose	IM	Deltoid or anterolateral thigh	22-25 g	1- 1.5 inch
Live Attenuated Influenza Vaccine (LAIV)						
Age	Dosage		No. of Doses per Season*	Route	Site	
2-8 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe		1 or 2 doses*	Intranasal	Each nostril	
9 yrs – 49 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe		1 dose	Intranasal	Each nostril	

***Pediatric 2 Dose Rule:** Children, 6 months thru 8 years of age, need 2 doses of flu vaccine, at least 4 weeks apart, if they are:

- receiving any seasonal flu vaccine for the first time OR
- received any seasonal flu vaccine for the first time last flu season and only received 1 dose

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

These doses may be a combination of the seasonal flu shot and nasal vaccines. If possible, give the 2nd dose before December.

Children needing 2 doses of flu vaccine should receive the age appropriate vaccine and dosage each time.

Example: 1 year old receiving flu vaccine for the first time should be given two 0.25 mL doses IM, 4 weeks apart

■Professional judgment is appropriate when selecting needle length.

Influenza Vaccines ¹ 2009-10				
Manufacturer	Vaccine	Dose/Presentation	Thimerosal	Age Indication
sanofi pasteur	Fluzone [®] (TIV)	Single dose prefilled 0.25 mL syringes	No	6-35 months
		Single dose prefilled 0.5 mL syringes or vials	No	3 years and older
		5.0 mL-multi dose vial	Yes	6 months and older
Novartis Vaccines	Fluvirin [™] (TIV)	5.0 mL-multi dose vial	Yes	4 years and older
		Single dose prefilled 0.5 mL syringes	Trace	
GlaxoSmithKline	Fluarix [™] (TIV)	Single dose prefilled 0.5 mL syringes	No	NEW! 3 years and older ²
	FluLaval [™] (TIV)	5.0 mL-multi dose vial	Yes	18 years and older
CSL Biotherapies	Afluria [®] (TIV)	Single dose prefilled 0.5 mL syringes	No	18 years and older
		5.0 mL-multi dose vial	Yes	18 years and older
MedImmune	FluMist [™] (LAIV)	Single-dose 0.2 mL nasal sprayer	No	Healthy non-pregnant persons aged 2-49 yrs

¹Both the flu shot and nasal influenza vaccines contain *A/Brisbane/59/2007 (H1N1)-like, A/Brisbane/10/2007 (H3N2)-like, and B/Brisbane/60/2008-like antigens*

²Fluarix[™] (GSK) age indications was expanded to include persons 3 years of age and older on October 19, 2009. For more info www.fda.gov

For more information: Call your local health dept or visit websites: MI Dept of Community Health www.michigan.gov/flu or CDC www.cdc.gov/flu