

2010-2011 Influenza Vaccine Dosing Guidance For Children 6 Months through 8 Years

Who Needs 2 Doses of Seasonal Flu Vaccine?

Children ages 6 months through 8 years who:

- Have never received any 2009 H1N1 vaccine or
- Have never received any seasonal flu vaccine or
- Received seasonal flu vaccine for the first time last flu season and only got 1 dose or
- Have no documentation of any flu vaccination (on record or in MCIR)

Use the following table for:

**Children who have never received flu vaccine or
Children vaccinated for the first time during the 2009-10 influenza season**

Number of influenza vaccine doses received in 2009-2010 season		Number of doses needed for the 2010- 2011 season
H1N1 Doses	Seasonal Doses	
0	0, 1 or 2	2 doses at least 4 weeks apart
1	0	2 doses at least 4 weeks apart
1	1	2 doses at least 4 weeks apart
1	2	1 dose
2	2	1 dose
2	0	2 doses at least 4 weeks apart
2	1	2 doses at least 4 weeks apart

NOTE: Persons 9 years of age and older need 1 dose of flu vaccine regardless of their influenza vaccination history

Examples (using the general rules and the chart above)

• Which children ages 6 months through 8 years get 2 doses of seasonal flu vaccine?

- Child who has never had any doses of 2009 H1N1 or seasonal flu vaccine
- Child who received 2 doses of seasonal flu vaccine but got no doses 2009 H1N1 vaccine
- Child who does not have documentation of getting seasonal flu or 2009 H1N1 vaccines

• Which children ages 6 months through 8 years get 1 dose of seasonal flu vaccine?

- Child with at least 1 seasonal flu vaccine before 2009-10 season and at least 1 dose of 2009 H1N1 vaccine
- Child with 2 doses of seasonal flu vaccine in 2009-10 season and at least 1 dose of 2009 H1N1 vaccine

Refer to: "Seasonal Influenza Vaccines 2010-11" www.michigan.gov/flu Additional flu materials can be found at www.michigan.gov/flu

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

Updates to this form will be posted at www.michigan.gov/flu or www.michigan.gov/immunize

Prevention and Control of Seasonal Influenza with Vaccine: Recommendations of the ACIP, MMWR VOL 59, August 6, 2010: www.cdc.gov/flu

Seasonal Influenza Vaccines 2010-11

Trivalent Influenza Vaccine (TIV) "Flu Shot"					
Age	Dosage ¹	Route	Site ²	Needle Length ²	Needle Gauge
6-35 months	0.25 mL	IM injection	Anterolateral thigh	1 inch	22-25 g
3-8 years	0.5 mL	IM injection	Anterolateral thigh or deltoid	1 inch	22-25 g
9 yrs & older	0.5 mL	IM injection	Anterolateral thigh or deltoid	1- 1.5 inches	22-25 g
Live Attenuated Influenza Vaccine (LAIV) "Nasal"					
Age	Dosage ¹			Route	Site
2- 49 years	0.2 mL Spray ½ dose into each nostril as indicated by the divider clip on the sprayer			Intranasal	Each nostril

¹Children needing 2 doses of flu vaccine should receive an age appropriate vaccine and dosage each time. For example: a 1 year old receiving flu vaccine for the first time should be given two 0.25 mL doses of TIV IM, 4 weeks apart

²Needle size and site of injection must be made for each person on the basis of the size of the muscle and the thickness of adipose tissue at the injection site.

Use the Correct Product and Presentation Based on the Patient's Age and Status

Manufacturer	Product	Vaccine ¹	Presentation	Thimerosal	Age Group	CPT Code ²
sanofi pasteur	Fluzone®	TIV	Prefilled 0.25 mL syringe	No	6 through 35 months	90655
			Prefilled 0.5 mL syringe or vial	No	3 years & older	90656
			5.0 mL multi-dose vial	Yes	6 months through 35 months 3 years and older	90657 90658
	Fluzone HighDose®	TIV HighDose ¹	Prefilled 0.5 mL syringe	No	65 years and older	90662
Novartis Vaccines	Fluvirin™	TIV	Prefilled 0.5 mL syringe	Trace	4 years and older	90656
			5.0 mL multi-dose vial	Yes	4 years and older	90658
	Agriflu	TIV	Prefilled 0.5 mL syringe	No	18 years and older	90656
GlaxoSmithKline	Fluarix™	TIV	Prefilled 0.5 mL syringe	No	3 years and older	90656
	FluLaval™	TIV	5.0 mL multi-dose vial	Yes	18 years and older	90658
CSL Biotherapies	Afluria® ³	TIV	Prefilled 0.5 mL syringe	No	9 years and older ³	90656
MedImmune	FluMist™	LAIV	Prefilled 0.2 mL nasal sprayer	No	Healthy non-pregnant persons aged 2 through 49 years	90660

¹TIV (0.5mL) & nasal influenza vaccines contain 15 mcg of A/California/7/2009 (H1N1)-like, A/Perth/16/2009 (H3N2)-like, and B/Brisbane/60/2008-like antigens. The A/California/7/2009 (H1N1)-like strain is the same strain that was included in the pandemic influenza A (H1N1) 2009 monovalent vaccines. TIV High-Dose: 0.5 mL dose contains 60 mcg each of these three antigens

²Current Procedural Terminology (CPT) is a registered trademark of the American Medical Association (AMA)

³ACIP recommends that Afluria not be used in children younger than 9 years of age. If no other age-appropriate TIV is available, Afluria may be considered for a child age 5 through 8 at high risk for influenza complications, after risks and benefits have been discussed with the parent or guardian. Afluria should not be used in children younger than age 5 years.

For more information: Contact your local health dept or visit: MI Dept Community Health www.michigan.gov/flu or CDC www.cdc.gov/flu Updates to this form will be posted at www.michigan.gov/flu