

2009 H1N1 Influenza Vaccine Dosing Chart

Injectable 2009 H1N1 Influenza Vaccine (Inactivated)

Age	Dosage	No. of Doses*	Route	Site	Needle Gauge	Needle Length
6-35 mo	0.25 mL	2 doses*	IM	Anterolateral thigh	22-25 g	1 inch
3-9 yrs	0.5 mL	2 doses*	IM	Anterolateral thigh or deltoid	22-25 g	1 inch
10 yrs & older	0.5 mL	1 dose	IM	Deltoid or anterolateral thigh	22-25 g	1- 1.5 inch

Nasal 2009 H1N1 Influenza Vaccine (Live Attenuated)

Age	Dosage	No. of Doses*	Route	Site
2-9 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe	2 doses*	Intranasal	Each nostril
10 yrs – 49 yrs	0.2 mL Spray ½ the dose in each nostril as indicated on the syringe	1 dose	Intranasal	Each nostril

***Children, 6 months through 9 years of age, need 2 doses of 2009 H1N1 flu vaccine, 4 weeks apart**

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

Examples: 1 year old should be given two 0.25 mL doses IM, 4 weeks apart or 5 year old should be given two 0.5 mL doses IM, 4 weeks apart.

Persons 10 years of age and older need 1 dose of 2009 H1N1 influenza vaccine.

Simultaneous Administration with Seasonal Influenza Vaccines

- Nasal 2009 H1N1 and nasal seasonal influenza vaccines **can not** be administered simultaneously. If only nasal seasonal and nasal 2009 H1N1 influenza vaccines are available, separate the doses by at least 4 weeks.
- In all other cases, 2009 H1N1 and seasonal influenza vaccines **can** be administered on the same day, or at any time before or after each other **using different sites.**
 - Examples: Nasal 2009 H1N1 & injectable seasonal flu vaccines, injectable 2009 H1N1 & nasal seasonal flu vaccines can be given simultaneously

2009 H1N1 Influenza Vaccines

Manufacturer	Dose/Presentation	Thimerosal	Recommended Age
sanofi pasteur	Pre-filled 0.25 mL syringe	No	6-35 months
	Single dose 0.5 mL syringe	No	3 years and older
	Multi-dose vial	Yes	6 months and older
Novartis Vaccines	Pre-filled 0.5 mL syringe	Trace	4 years and older
	Multi-dose vial	Yes	4 years and older
CSL Biotherapies	Single dose 0.5 mL syringe	No	NEW! 3 years and older ¹
	Multi dose vial	Yes	NEW! 3 years and older ¹
NEW! ID Biomedical	Multi dose vial	Yes	18 years of age and older ²
MedImmune	Single-dose 0.2 mL nasal sprayer	No	Healthy non-pregnant persons aged 2-49 yrs

¹FDA approved the expanded use of CSL 2009 H1N1 influenza vaccine to children ages 6 months and older on 11/10/09. However, CDC recommends if alternative vaccine products are available for use in children ages 6 through 35 months, CSL vaccine should be saved for persons ages 3 years and older. If only the CSL product is available for use in children 6 through 35 months of age, the dose is 0.25mL. Refer to "[Updated Guidance for the Use of CSL's 2009 H1N1 Vaccine.](#)" at www.cdc.gov/flu.

²ID Biomedical 2009 influenza vaccine was approved for use by the FDA on 11/10/2009. For more information visit www.fda.gov

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