



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor

KODY H. KINSLEY • Secretary

MARK BENTON • Deputy Secretary for Health

SUSAN KANSAGRA • Assistant Secretary for Public Health

Division of Public Health

August 4, 2023

MEMORANDUM

TO: North Carolina Immunization Program (NCIP) Participants

FROM: Amanda Fuller Moore, PharmD 
Deputy Epidemiology Section Chief

SUBJECT: Flu Vaccine Product Availability and Ordering Notification for 2023-2024 Season

Revisions have been made as noted IN RED in the table below for vaccines available for order for the 2023-2024 flu season.

The purpose of this memo is to inform NCIP providers of the availability of influenza vaccine products and the ordering process for the 2023-2024 flu season. Please carefully review this memo in full. Remember, flu vaccine provided by the NCIP is only available for children 6 months through 18 years of age who are Vaccines for Children (VFC) eligible. For additional information, please see the current [NCIP vaccine coverage criteria and VFC categories](#).

The [2023-2024 CDC Flu Vaccination Recommendations](#) were updated and adopted on June 29, 2023. There were small changes to the annual recommendations around flu vaccination, including a change in the recommendations for vaccinating people ages ≥ 6 months and older with an egg allergy. The updated recommendations provide for use of any influenza vaccine (egg based or non-egg based) that is otherwise appropriate for the recipient's age and health status. Additional safety measures related to an egg allergy are no longer recommended for flu vaccination. Flu vaccination can be lifesaving in children and adults to reduce the risk of flu and its potentially serious complications. Your strong recommendation as a health care professional is a critical factor in whether your patients get an influenza vaccine.

Administration related best practices include:

- Providers are encouraged to capitalize on opportunities for co-administration of both influenza and COVID-19 vaccines. Giving all eligible vaccines at the same visit is a best practice and increases the probability people will stay up to date on recommended vaccines.
- September and October are the best times for most people to receive a flu vaccine. Flu vaccination in July and August is not recommended for most people, but there are

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH-IMMUNIZATION

BRANCH/LOCATION: 5601 Six Forks Road, Building 2, Raleigh, NC 27609

MAILING ADDRESS: 1917 Mail Service Center, Raleigh, NC 27699-1917

www.ncdhhs.gov • TEL: 919-707-5550 • **FAX:** 919-870-4824

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

several considerations regarding vaccination in July and August for specific groups of people, especially children and pregnant women in their third trimester. [Additional information about these recommendations are available here.](#)

- IIIV4s (Inactivated Influenza Vaccines) and RIV4 (Recombinant Influenza Vaccine) may be administered concurrently or sequentially with other vaccines.
- Injectable vaccines given simultaneously should be administered at separate anatomic sites.
- LAIV4 (FluMist) may be administered simultaneously with other vaccines. If not given simultaneously, then ≥ 4 weeks should pass between administration of LAIV4 and another live vaccine.

Receiving a seasonal flu vaccine each year remains the best way to protect against potentially severe consequences. This year, increasing flu vaccination coverage is critical. While flu vaccines will not prevent COVID-19, they will reduce the burden of flu illnesses, hospitalizations, and deaths on the health care system.

Available vaccines and anticipated timing of flu vaccine shipping:

During the 2023-2024 flu season, the NCIP will supply several brands of flu vaccine in various presentations, all of which will be **quadrivalent**. The quadrivalent flu vaccine is designed to protect against four different flu viruses, two flu A and two flu B viruses. For the 2023-2024 season, U.S. flu vaccines will contain an updated influenza A(H1N1) pdm09 component:

- A/Victoria/4897/2022 (H1N1) pdm09-like virus for egg-based vaccines and
- A/Wisconsin/67/2022 (H1N1) pdm09-like virus for cell-based or recombinant vaccines

Flu vaccine will be shipped separately from all other routine NCIP vaccines. CDC's centralized distribution process involves several steps not included in the delivery of private-ordered flu vaccine, which often results in privately ordered vaccine arriving before state vaccine. **CDC is allowing one-directional vaccine borrowing for flu vaccine this season. This means private vaccine may be used to vaccinate VFC eligible patients and later replaced with VFC vaccine once available.** This one-directional borrowing is unique to seasonal influenza vaccine and can be used as a mitigating strategy if private flu stock is received earlier than your VFC doses. A [Vaccine Borrowing Report](#) must be completed when a privately purchased vaccine is administered to a VFC-eligible child.

Vaccine Ordering:

Providers should ensure orders are sufficient to meet the needs of VFC patients and also assess their ability to store the vaccines safely. Consider a vaccine ordering plan that allows for the use of smaller amounts in combination with different products and presentations early in the season until more vaccine becomes available. Please order enough private stock vaccine for your patients who are not eligible for state-supplied/VFC doses.

Any uninsured pregnant persons, 19 years and older, being served by a Local Health Department (LHD), Rural Health Center (RHC), or Federally Qualified Health Centers (FQHC) in any capacity and persons of any age enrolled in the “Be Smart Family Planning Program” receiving services at LHDs, RHCs, or FQHCs are also eligible to receive VFC flu vaccine. The vaccine brands that may be used for these populations are bold and marked with an * in the table below.

Vaccine ordering best practices include:

- North Carolina Immunization Registry (NCIR) users should place vaccine orders directly through NCIR.
- Providers should order throughout the flu season to replenish supply, as needed.
- Maintaining cold chain is the first step in vaccine inventory management.
- All provider staff that might accept vaccine deliveries should be trained to immediately notify the vaccine coordinator or back-up coordinator when deliveries arrive.
- Vaccines must be immediately checked and stored properly upon arrival.
- All 2022-2023 seasonal flu vaccine(s) expired not later than June 30, 2023. Please remove any expired vaccine from the refrigerator and contact the Immunization Branch for assistance with transfers of expired vaccine.

The following is a list of Flu vaccines available through NCIP in the 2023-2024 flu season:

Vaccine Type	NDC	Manufacturer	Brand	Presentation	Age Group Covered	Preservative Free
Quadrivalent	66019-0310-10	AstraZeneca	FluMist-Quad	.2ml single dose sprayer, 10 pack	VFC children 2 – 18 years of age	Preservative-free
Quadrivalent	58160-0909-52	GSK	Fluarix-Quad	0.5mL single dose syringe, 10 pack	VFC children 6 mos. - 18 years of age	Preservative-free
Quadrivalent	19515-0814-52	GSK	FluLaval-Quad	0.5mL single dose syringe, 10 pack	VFC children 6 mos. - 18 years of age	Preservative-free
Quadrivalent	49281-0423-50	Sanofi	Fluzone-Quad	0.5mL single dose syringe, 10 pack	VFC children 6 mos. - 18 years of age	Preservative-free
Quadrivalent	49281-0639-15	Sanofi	Fluzone-Quad	5mL multi-dose vial, One 10-dose vial	VFC children 6 mos. - 18 years of age	Preservative-containing
Quadrivalent	70461-0323-03	Seqirus, Inc	Flucelvax-Quad	0.5mL single dose syringe, 10 pack	VFC children 6 mos. - 18 years of age	Preservative-free
Quadrivalent	33332-0323-03	Seqirus, Inc	Afluria-Quad	0.5mL single dose syringe, 10 pack	VFC children 36 mos. - 18 years of age	Preservative-free

Adult						
Quadrivalent	58160-0909-52	GSK	*Fluarix-Quad	0.5mL single dose syringe, 10 pack	18 Years+	Preservative-free
Quadrivalent	19515-0814-52	GSK	*FluLava I-Quad	0.5mL single dose syringe, 10 pack	18 Years +	Preservative-free
Quadrivalent	49281-0423-50	Sanofi	*Fluzone -Quad	0.5mL single dose syringe, 10 pack	18 Years +	Preservative-free
Quadrivalent	70461-0323-03	Seqirus, Inc	*Flucelvax-Quad	0.5mL single dose syringe, 10 pack	18 Years +	Preservative-free
Quadrivalent	33332-0323-03	Seqirus, Inc	*Afluria-Quad	0.5mL single dose syringe, 10 pack	18 Years +	Preservative-free

** Revised 10 August 2023