Health care professionals can easily confuse different influenza vaccines within the storage unit. Labeling the area or container where vaccines are stored can help staff quickly locate and choose the correct vaccine—perhaps preventing a vaccine administration error. Depending on how vaccines are organized within storage units, labels can be placed on vaccine storage containers or bins, or directly attached to shelving where the vaccines are placed. Other helpful strategies to identify the correct vaccine include color-coding the labels (e.g., one color for pediatric and another for adult vaccines) and providing additional information such as age indications and other information unique to the vaccine. The Centers for Disease Control and Prevention (CDC) also recommends that vaccines be stored in the original packaging to help maintain the recommended temperature range, and to help prevent administration errors [see CDC vaccine storage and handling toolkit found at https://www.cdc.gov/vaccines/hcp/admin/storage/toolkit/index.html].

The following labels are examples that may be used to help organize 2023-24 seasonal influenza vaccines. These labels are based on manufacturer packaging information which is summarized in the recommendations of the Advisory Committee on Immunization Practices (ACIP) for the prevention and control of influenza during the 2023–2024 influenza season [found at https://www.cdc.gov/mmwr/volumes/72/rr/rr7202a1.htm]. Healthcare professionals should refer to the ACIP recommendations to ensure existing influenza vaccine labels and new labels contain correct product-specific information.

National Center for Immunization and Respiratory Diseases Immunization Services Division



Afluria Quadrivalent (IIV4)

(Quadrivalent Inactivated Influenza Vaccine) 0.5 mL Manufacturer-Filled Syringe

Ages: 3 years or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Afluria Quadrivalent (IIV4) (Quadrivalent Inactivated Influenza Vaccine) 5 mL Multi-dose Vial

Ages: 6 months or older

- **Dosage:** 0.25 mL for age 6 months through 35 months 0.5 mL for age 3 years or older
- Route: Intramuscular (IM) injection

Protect From Light

Beyond Use Date: Discard within <u>28 days</u> after the vial has been opened or punctured.

Number of needle punctures should not exceed 20 per multidose vial.

Fluarix Quadrivalent (IIV4) (Quadrivalent Inactivated Influenza Vaccine) 0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Protect From Light

FluLaval Quadrivalent (IIV4)

(Quadrivalent Inactivated Influenza Vaccine) 0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Fluzone Quadrivalent (IIV4) (*Quadrivalent Inactivated Influenza Vaccine*) 0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Fluzone Quadrivalent (IIV4)

(Quadrivalent Inactivated Influenza Vaccine) 0.5 mL Single-Dose Vial

- **Ages:** 6 months or older
- **Dosage:** 0.25 mL *or* 0.5 mL for age 6 through 35 months

0.5 mL for age 3 years or older

Route: Intramuscular (IM) injection

Withdraw one dose only and discard unused portion.

Fluzone Quadrivalent (IIV4)

(Quadrivalent Inactivated Influenza Vaccine) 5 mL Multi-dose Vial

Ages: 6 months or older

Dosage: 0.25 mL or 0.5 mL for age 6 through 35 months

0.5 mL for age 3 years or older

Route: Intramuscular (IM) injection

No more than 10 doses should be withdrawn from each Multi-dose vial

Fluzone High-Dose Quadrivalent (HD-IIV4) (*High-Dose Quadrivalent Inactivated Influenza Vaccine*) 0.7 mL Manufacturer-Filled Syringe

Ages: 65 years or older

Dosage: 0.7 mL

Route: Intramuscular (IM) injection

Fluad Quadrivalent (aIIV4)

(Adjuvanted Quadrivalent Inactivated Influenza Vaccine)

0.5 mL Manufacturer-Filled Syringe

Ages: 65 years or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Protect From Light

Flucelvax Quadrivalent (ccIIV4)

(Quadrivalent Cell Culture Inactivated Influenza Vaccine)

0.5 mL Manufacturer-Filled Syringe

Ages: 6 months or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Flucelvax Quadrivalent (ccIIV4)

(Quadrivalent Cell Culture Inactivated Influenza Vaccine)

5 mL Multi-dose Vial

Ages: 6 months and older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

Protect From Light

Flublok Quadrivalent (RIV4)

(Quadrivalent Recombinant Influenza Vaccine) 0.5 mL Manufacturer-Filled Syringe

Ages: 18 years or older

Dosage: 0.5 mL

Route: Intramuscular (IM) injection

FluMist Quadrivalent (LAIV4)

(Quadrivalent Live Attenuated Influenza Vaccine) 0.2 mL Manufacturer-Filled Single-Use Intranasal Sprayer

Ages: 2 years through 49 years

Dosage: 0.2 mL (0.1 mL per nostril)

Route: Intranasal