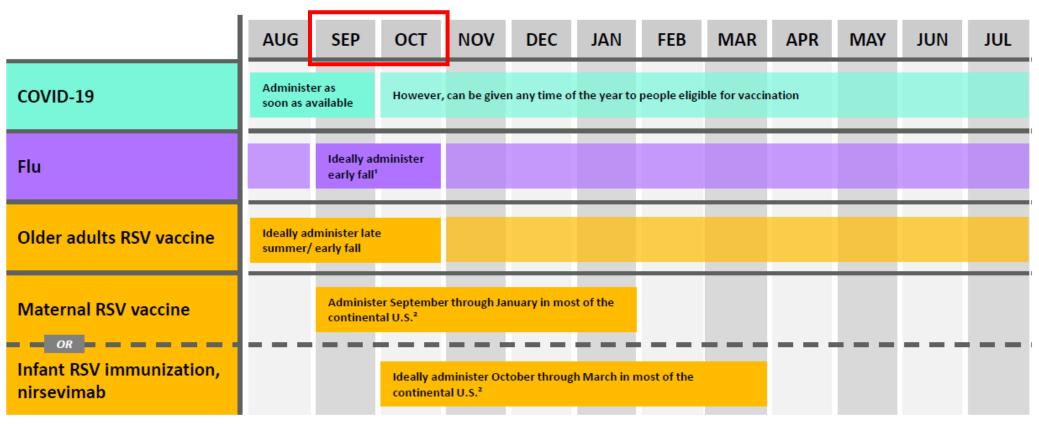
Clinical Update

Priyanka Saxena, PHMO, CDPH



Timing and Administration of COVID-19, Influenza and RSV Immunizations



¹ Children who need 2 doses should receive their first dose as soon as possible (including during July and August). One dose of flu vaccine can be considered for pregnant people in their third trimester during July and August.

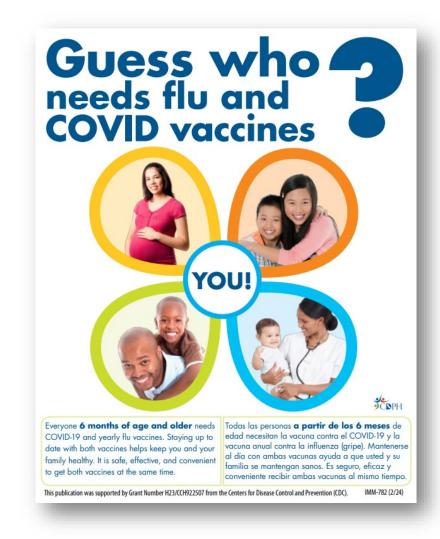
² In jurisdictions with RSV seasonality that differs from most of the continental United States, including Alaska, southern Florida, Guam, Hawaii, Puerto Rico, U.S.-affiliated Pacific Islands, and U.S. Virgin Islands, providers should follow state, local, or territorial guidance. However, nirsevimab may be administered outside of routine seasonal administration (ie., October through March) based on local RSV activity and other special circumstances.

Influenza Vaccine Recommendations

Everyone ≥6 months should get <u>updated COVID-19 & flu</u>
 vaccines this Fall.

- ACIP 2024-2025 Influenza Season Recommendation Updates:
 - Given no detection since March 2020, 2024–25 U.S. influenza vaccines will not include a B/Yamagata component. All U.S. influenza vaccines will be **trivalent** containing A(H1N1), A(H3N2), and B(Victoria) influenza strains.
 - Solid organ transplant recipients 18-64y on immunosuppressive medications may receive either high-dose or adjuvanted flu vaccines as acceptable options (without a preference over other inactivated or recombinant influenza vaccines).

Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices — United States, 2024–25 Influenza Season | MMWR (cdc.gov); Guess Who Needs Flu and COVID Vaccines (IMM-782) | CDPH



Influenza Vaccine Recommendations

- Children 6 months through 8 years who did not receive ≥2 doses of flu vaccine before July 1, 2024: 2
 doses of flu vaccine, ≥4 weeks apart
- Solid organ transplant recipients 18-64 years on immunosuppressants:
 - Any age-appropriate vaccine, now including all enhanced options
- Age 65 years and older:
 - Preferentially recommended to receive any enhanced vaccine
- Enhanced vaccine options include

Туре	Description	Brand Name
Adjuvanted	Contains MF59 adjuvant	FLUAD Adjuvanted
High-dose	Contains 4x hemagglutinin vs standard dose vaccines	Fluzone High-Dose
Recombinant	Contains 3x hemagglutinin vs standard dose vaccines	FluBlok

RSV Vaccine: Older Adults (60+)

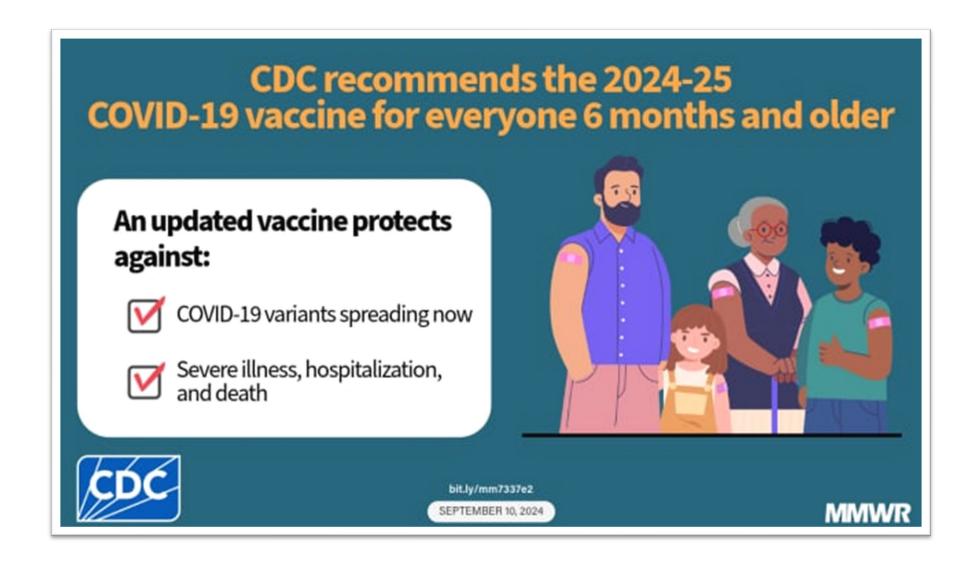


Persons who have already received RSV vaccination are **NOT** recommended to receive another dose.

Thus far, RSV vaccines appear to provide some protection for at least two RSV seasons.

May be given year-round but consider giving in late summer and early fall to maximize benefits of RSV vaccination.

CDC: RSV Vaccination for Adults 60 Years of Age and Over
ACIP Recommendations: RSV Vaccine in Adults Aged ≥60 Years



Use of COVID-19 Vaccines for Persons Aged ≥6 Months: Recommendations of the Advisory

Committee on Immunization Practices — United States, 2024–2025. MMWR

COVID-19 Vaccines: 2024-2025 Updates

- Updated 2024-2025 vaccines authorized/approved
 - mRNA COVID-19 vaccines (Moderna and Pfizer) contain KP.2 strain.
 - Novavax vaccine contains the JN.1 strain.
 - Current main variant is KP.3.1.1, from the JN.1 lineage and closely related to selected strains.
 - Receiving an updated 2024-2025 COVID-19 vaccine this fall provides better protection against the current strains.
- All 2023-2024 COVID-19 vaccines are no longer authorized and should not be administered.
 - If a deauthorized product (e.g., a 2023-2024 COVID-19 vaccine) is administered, report the error to <u>VERP</u>. For more info: <u>VAERS/VERP/MedWatch Jobaid</u>.
 - A 2024-2025 COVID-19 vaccine should be given at least 2 months since the last dose of any COVID-19 vaccine. See <u>CDC guidance for administration errors</u>.

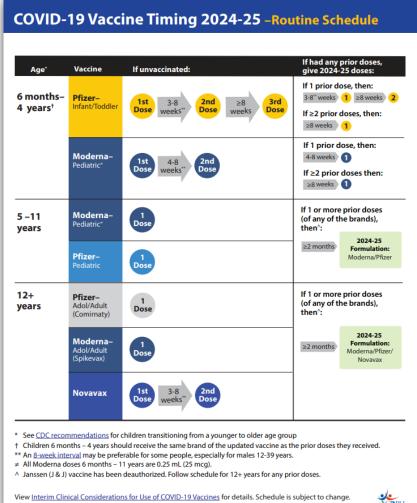
FDA Press Release 8/22/24; CDC Variant Tracker, FDA Press Release 8/30/2024

COVID-19 Vaccines: 2024-2025 Updates

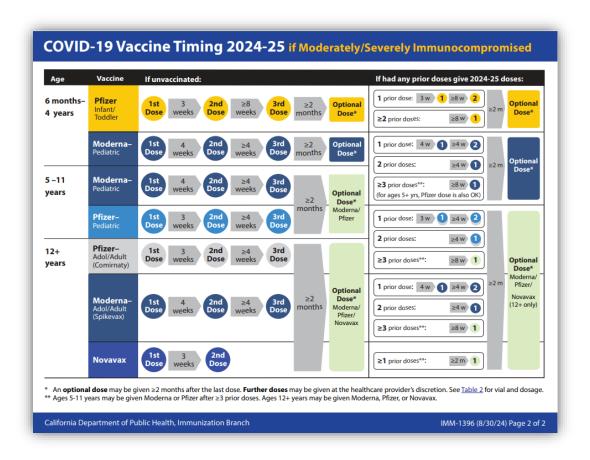
Overall, CDC recommendations are similar to guidance from 2023-2024, with the exception that an additional (second) dose for 65+ is not currently recommended. ACIP will monitor available data and update recommendations as needed.

FDA Emergency Use Authorization	FDA approved/licensed
Pfizer COVID-19 Vaccine (2024-2025 Formula) 6 months-11 years EUA Fact Sheet for Recipients/Caregivers	Comirnaty, 12 years and older VIS (not yet updated by CDC)
Moderna COVID-19 Vaccine (2024-2025 Formula) 6 months-11 years EUA Fact Sheet for Recipients/Caregivers	Spikevax, 12 years and older VIS (not yet updated by CDC)
Novavax COVID-19 Vaccine (2024-2025 Formula) 12 years and older EUA Fact Sheet for Recipients/Caregivers	

COVID-19 Vaccine Timing 2024 – 2025

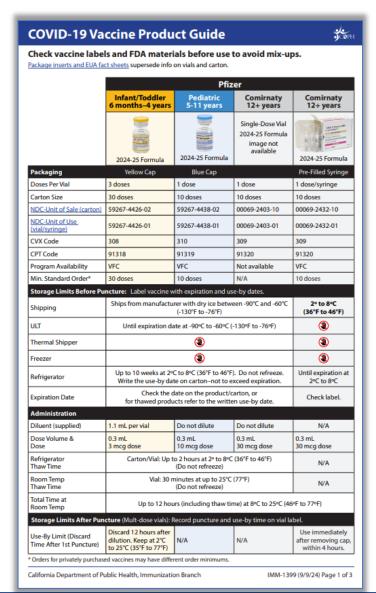


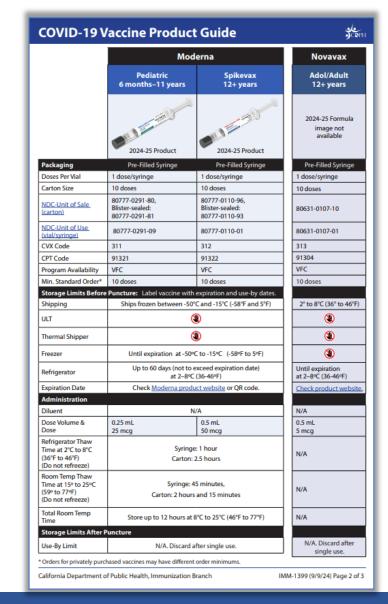


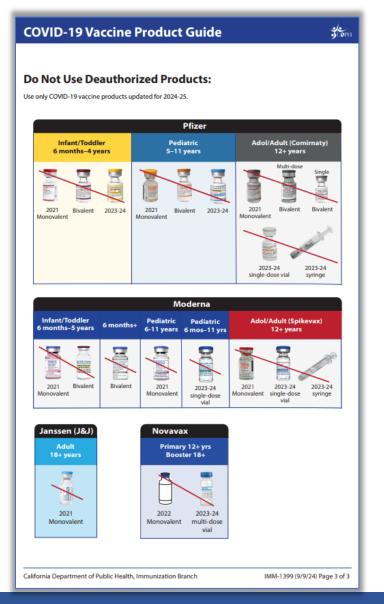


<u>Updated COVID-19 Vaccine Timing Guide</u>

COVID-19 Product Guide 2024 – 2025



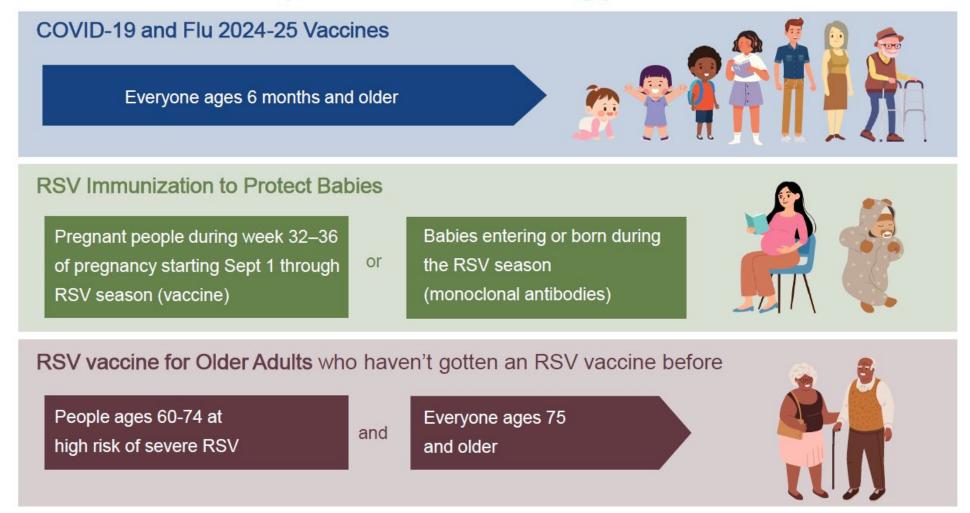




Co-Administration of Flu, COVID-19, & RSV Vaccines

- May offer all recommended respiratory virus vaccines during one visit.
- Patients should be aware they may experience more side effects, like fever and fatigue; however, these side effects are generally mild or moderate and only last a day or two.
- For **patients at high risk** of becoming seriously ill from one of these diseases, the benefits of timely protection from coadministration likely outweigh the possible risks of increased side effects.
- If the provider is confident there will be additional opportunities to vaccinate, and the patient prefers to receive these vaccines during different visits, there is **no minimum wait period between vaccines**.
- The most important thing is that patients receive <u>all</u> their recommended vaccines in a <u>timely</u> way to protect against these major respiratory diseases this fall and winter virus season.

Vaccines: A core prevention strategy



You may get flu, COVID-19, and RSV vaccines at the same visit

Updated resource: Respiratory Virus Season Talking Points

- Found on <u>EZIZ Flu and Respiratory Disease Page</u> Under "Toolkits and Campaigns"
- Tool to help draft communications for vaccinating against flu, COVID-19, and RSV
- Messaging is around "respiratory virus season" in fall and winter, bundling all three

Toolkits and Campaigns

- 2024-2025 Flu and Respiratory Immunization Talking Points UPDATED!
- Fight Flu & COVID-19

2024-25 RESPIRATORY DISEASES IMMUNIZATION TALKING POINTS

FOR DRAFTING SOCIAL MEDIA MESSAGES, PRESS RELEASES, ARTICLES AND OTHER COMMUNICATIONS:

Respiratory infections like flu, COVID-19, and RSV are common during the fall and winter; serious complications can be prevented by getting immunized when eligible.

- Updated <u>flu</u> and <u>COVID-19</u> vaccines are recommended for everyone 6 months and older when available. Respiratory Syncytial Virus (RSV) immunizations are recommended for eligible pregnant people, older adults, infants, and toddlers. These immunizations decrease your chances of getting very sick. Talk to your health care provider today!
- Getting immunized against flu, COVID-19, and RSV means fewer sick days and more time with your loved ones. Get your vaccines today!
- No vaccine is 100%, but even if you catch these viruses while immunized, your symptoms may be less severe, and you are less likely to be hospitalized.
- Getting immunized against these respiratory diseases has been proven safe and effective in preventing serious illness and death in children and adults.
- Flu, COVID-19, and RSV immunizations are the best protection against related hospitalization and death.

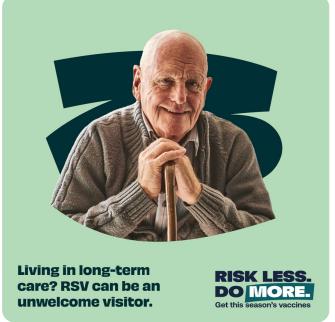
We are stronger when we are all protected against respiratory diseases. Talk to your health care provider about getting immunized against flu, COVID-19, and RSV.

- Reduce the chances of spreading respiratory illnesses to those you love. Ask your health care provider today if you and your loved ones are up to date on immunizations.
- Do your part to protect yourselves and your loved ones from serious illness by getting immunized this respiratory season.
- Getting immunized is one way we can look out for one another and keep each other healthy.
- Immunizations can help lessen the burden on our healthcare system during respiratory virus season. Let's keep each other healthy and out of the hospital!

2024-25 Respiratory Season Talking Points

August 2024





Risk Less. Do More. Campaign

- A U.S. Dept. of Health and Human Services (HHS) campaign to increase awareness of, confidence in, and uptake of flu, COVID-19, and RSV immunizations in at-risk populations including
 - Adults ages 60 and older
 - Adults living in long-term care facilities (LTCF)
- Fact sheets, social media graphics/videos, posters available on HHS website