

Vaccine Clinical Update

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Updated Boosters

- People ages 12 years* and older are recommended to receive **1 age-appropriate mRNA bivalent COVID-19 vaccine booster dose** after completion of any FDA-approved or FDA-authorized monovalent primary series or previously received monovalent booster dose(s).
 - Can be administered at least 2 months after either completion of the primary series or last monovalent booster dose.
 - **This new booster recommendation replaces all prior booster recommendations for this age group.**
 - Monovalent mRNA vaccines are no longer authorized as a booster dose for people ages 12 years* and older.
 - Only monovalent vaccines are approved or authorized for primary series doses.
- J&J vaccine remains available as first booster for [certain people](#)

*Pediatric updated boosters now FDA authorized and pending CDC recommendations.

Pediatric Updated Boosters Now Authorized

- 10/12/22: FDA issued Emergency Use Authorization (EUA) for updated (bivalent) booster for pediatric populations:
 - [Pfizer FDA fact sheet for HCP](#): 5-11 years - 0.2ml dose
 - [Moderna FDA fact sheet for HCP](#): 6-11 years - 0.25 ml dose; 12+ years - 0.5 ml dose
- Pending CDC and Western States Scientific Safety Review Workgroup recommendations.

Information is subject to change pending further recommendations and clinical guidance.

ACIP Meeting Next Week

- CDC Advisory Committee on Immunization Practices (ACIP) is scheduled to meet next week October 19-20, 2022.
- COVID-19 Vaccine Agenda topics:
 - COVID-19 in pregnant people
 - COVID-19 in infants ages <6 months and effectiveness of maternal COVID-19 vaccination in pregnant people and infants
 - COVID-19 vaccine safety in pregnant people
 - COVID-19 vaccines in children
 - Vaccines for Children

COVID-19 and Flu Vaccine Coadministration

- Routine administration of all age-appropriate doses of vaccines simultaneously is recommended for persons for whom no specific contraindications exist
- COVID-19 vaccines may be administered regardless of timing of influenza vaccines, including simultaneous administration of COVID-19 and influenza vaccines on the same day
 - Administer each vaccine in a different injection site (at least 1 inch apart)
 - Administer vaccines that may be more likely to cause a local reaction (e.g., tetanus-toxoid-containing and PCV13, adjuvanted or high-dose influenza) in different limbs, if possible.

15 Minute Post-vaccination Observation...Now Optional

- 15 min post-vaccination observation period previously recommended by CDC
- Vaccination providers ***should consider*** an observation period:
 - Consider 15 min observation: Adolescents (risk of syncope)
 - Consider 30 min observation:
 - Allergy-related contraindication to a different type of COVID-19 vaccine
 - Non-severe, immediate (onset within 4 hours) allergic reaction after a previous dose of COVID-19 vaccine.
 - Anaphylaxis after non-COVID-19 vaccines or injectable therapies

Assembly Bill 1797:

New Requirement to Submit Immunization Data to a California Registry

- **AB 1797** signed by Governor
- Goes into effect January 1, 2023
- Updates the current immunization registry statute to require
 - **all CA healthcare providers who administer vaccines to enter immunization information into a CA immunization registry (CAIR or RIDE).**
 - entry of race and ethnicity information for each patient in the immunization registry to support assessment of health disparities in immunization coverage.
- More details will be provided in the coming weeks

Effectiveness of a Second COVID-19 Vaccine Booster Dose Against Infection, Hospitalization, or Death Among Nursing Home Residents — 19 States, March 29–July 25, 2022

- Included 9,527 residents from 196 nursing homes in 19 states
 - 34.1% residents received 2nd booster dose during study period
- Compared with 1st booster dose, vaccine effectiveness at 60 days of 2nd booster dose was:
 - 89.6% (95% CI = 45.0–100.0) against death
 - 73.9% (95% CI = 36.1–92.2) against composite outcome of COVID-19–associated hospitalization or death

TABLE 2. Estimated vaccine effectiveness* of a second COVID-19 vaccine booster dose relative to a first booster dose only, for four COVID-19–related outcomes in nursing home residents — 196 nursing homes, 19 states,† March, 29–July 25, 2022

Outcome	Cumulative incidence [§]		Risk difference (per 1,000 residents)	Vaccine effectiveness % (95% CI)**
	Controls [¶] (n = 1,902)	Second booster dose recipients (n = 1,902)		
SARS-CoV-2 infection ^{††}	101	75	-26	25.8 (1.2 to 44.3)
Hospitalization ^{§§}	9	3	-5	60.1 (-18.8 to 91.5)
Death ^{¶¶}	8	1	-7	89.6 (45.0 to 100.0)
Severe outcomes ^{***}	16	4	-12	73.9 (36.1 to 92.2)

* Through 60 days of follow-up.

† Alabama, Arizona, Colorado, Connecticut, Delaware, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New Mexico, North Carolina, Pennsylvania, Rhode Island, Tennessee, Vermont, Virginia, and West Virginia.

§ Events per 1,000 nursing home residents.

¶ Nursing home residents who received three previous vaccinations and were otherwise eligible to receive a second booster dose but did not receive a vaccination on a given index date during March 29–June 15, 2022.

** Bootstrapped percentile CIs.

†† Positive SARS-CoV-2 test result from antigen or reverse transcription–polymerase chain reaction testing.

§§ Transfer to acute care hospital within 21 days of a positive SARS-CoV-2 test result.


¶¶ Death within 30 days of a positive SARS-CoV-2 test result.

*** Death or hospitalization.

CDPH Booster Posters



IN THESE TIMES, EVERYONE COULD USE A BOOST



BOOST YOUR PHYSICAL HEALTH **BOOST YOUR SOCIAL HEALTH** **BOOST YOUR PROTECTION AGAINST COVID-19 NOW**

COVID-19 vaccines *work very well* at preventing severe illness, hospitalization, and death. Booster shots are extra doses that help maximize your protection against COVID-19.

Everyone aged 12 years and older needs an updated COVID-19 booster dose at least 2 months after completing their primary series or receiving any prior booster dose.

COVID-19 vaccines and boosters are *safe, effective, and free*.


DON'T WAIT, VACCINATE!

Three ways to find free vaccines near you

- ✓ Visit [vaccines.gov](https://www.vaccines.gov) to find a walk-up site.
- ✓ Book an appointment on [My Turn](https://myturn.ca.gov) (myturn.ca.gov) or call (833) 422-4255.
- ✓ Check with your doctor, nurse or local pharmacy.

BOOST YOUR HEALTH.
GET YOUR COVID-19 VACCINE BOOSTER TODAY.

California Department of Public Health | Immunization Branch
IMM-1416 (9/22)



**IF YOU WORK IN A HEALTH CARE SETTING...
BOOST YOUR HEALTH WITH COVID-19 BOOSTER DOSES!**



PROTECT YOURSELF
You've worked so hard to help your patients. You owe it to yourself to protect your health by getting a booster. An updated COVID-19 booster dose is recommended for everyone aged 12 years and older at least 2 months after completing their primary series or receiving any prior booster dose.

PROTECT YOUR FAMILY AND COWORKERS
With boosters, your chances of getting very sick from COVID-19 are much lower and you may be less likely to spread COVID-19 to those around you. Boosters restore protection against COVID-19.

PROTECT YOUR PATIENTS
COVID-19 can be dangerous and deadly, especially for your vulnerable patients.

Get your COVID-19 booster dose at:

GETTING BOOSTERS IS ANOTHER EASY THING YOU CAN DO TO PROTECT THEM.

COVID-19 vaccines are safe with hundreds of millions safely immunized. Maximize your protection against COVID-19 with boosters.

BOOST YOUR HEALTH.
GET YOUR COVID-19 VACCINE BOOSTER TODAY.

California Department of Public Health | Immunization Branch
IMM-1428 (9/22)



Resources

1. [Long-Term Care Facilities Resources Page](#)
2. [Older Adult Booster Poster \(CDPH\)](#)
3. [Healthcare Worker Booster Poster \(CDPH\)](#)
4. [Bivalent COVID-19 Booster Dose FAQs for Long-Term Care Settings \(CDPH\)](#)
5. [LTCF COVID-19 Vaccine Toolkit \(CDPH\)](#)