

# Immunization Service Provider Call

## February 2023

Please place your name, and  
provider in the chat.



# Agenda



- State Data / COVID Administration Guidance
- COVID-19 Vaccine Ordering Update
- Vaccine Storage and Handling
- Vaccine Ordering & Distribution
- OSIS Updates
- Guest Speaker
- Dr. J. Trevor Knol, PharmD, Medical Science Liaison-Vaccines, GSK
  - RSV Burden of Disease in Older Adults
- Looking Forward

# **COVID-19 Vaccine State Data & Administration Guidance**

**Rishu Garg, Adult  
Vaccine Coordinator**



# STATEWIDE COVID-19 VACCINE ADMINISTRATION (AS OF 1/14/2023)

**2,281,365** people have received **at least 1 dose\*** of the COVID-19 vaccine





**1,937,554** people are **fully vaccinated\*\*** with the COVID-19 vaccine

**935,283** people have received a **3rd dose^** or **booster dose^^** of the COVID-19 vaccine



**328,148** people have received a **4th dose** or **2nd booster dose** of the COVID-19 vaccine

**351,026** people have received the **bivalent booster dose** of the COVID-19 vaccine



Across Oklahoma, a total of **5,456,395 COVID-19 vaccine doses** have been **administered** since 12/14/2020

\*Refers to eligible individuals (ages 5 years+) receiving Pfizer and Moderna COVID-19 vaccines and/or receiving single shot of J&J/Janssen Vaccine; \*\*Refers to eligible individuals (ages 5 years+) fully vaccinated after receiving either Pfizer and/or Moderna COVID-19 vaccines (both doses) and/or receiving single shot of J&J/Janssen Vaccine; ^3rd dose (Pfizer or Moderna) for individuals moderately to severely immunocompromised to be received at least 28 days after a second dose; ^^Booster dose for individuals 65+ or certain other adults at high risk of severe COVID-19 to be received at least six months after completion of the primary mRNA vaccine series or two months after receiving single dose of J&J/Janssen vaccine.



Note: Total vaccines administered does not include doses administered by federal entities (Bureau of Prisons, Veterans Health, Indian Health Service, or Department of Defense). Not for public distribution, data intended for internal planning purposes.

Data Source: COVID-19 Vaccination Reporting Specification (CVRS) Dataset - Oklahoma State Immunization Information System (OSIIS); Data reflect information entered as of 11:59PM 1/14/2023

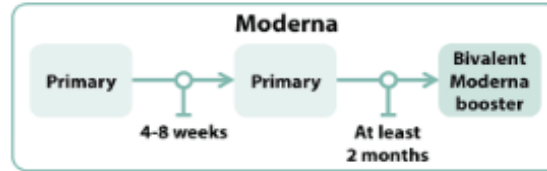
# Covid-19 Vaccination Schedule

## (Non-Immunocompromised)

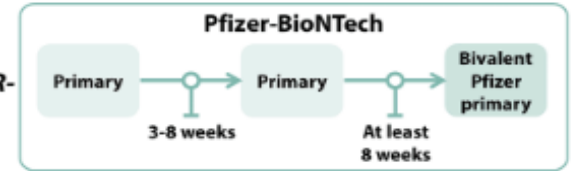
[Clinical Guidance for COVID-19 Vaccination | CDC](https://www.cdc.gov/vaccines/imz/downloads/pdf/cv1916.pdf)

### COVID-19 Vaccination Schedule Infographic for People who are NOT Moderately or Severely Immunocompromised

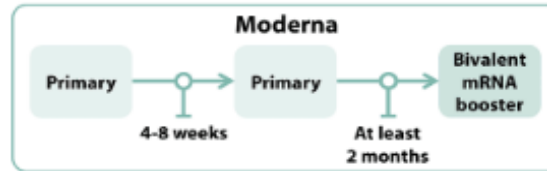
#### People ages 6 months through 4 years



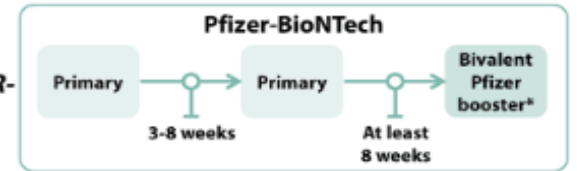
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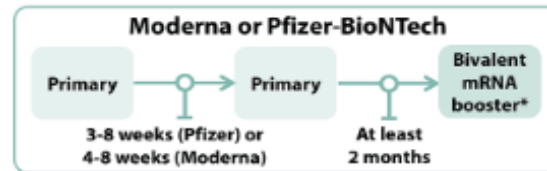
#### People age 5 years



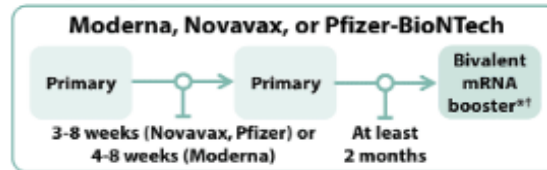
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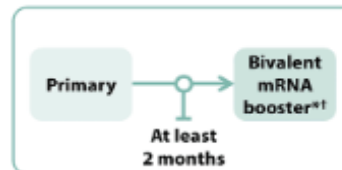
#### People ages 6 through 11 years



#### People ages 12 years and older



#### People ages 18 years and older who previously received Janssen primary series dose‡



\*For people who previously received a monovalent booster dose(s), the bivalent booster dose is administered at least 2 months after the last monovalent booster dose.

† A monovalent Novavax booster dose may be used in limited situations in people ages 18 years and older who completed a primary series using any COVID-19 vaccine, have not received any previous booster dose(s), and are unable or unwilling to receive an mRNA vaccine. The monovalent Novavax booster dose is administered **at least 6 months** after completion of a primary series.

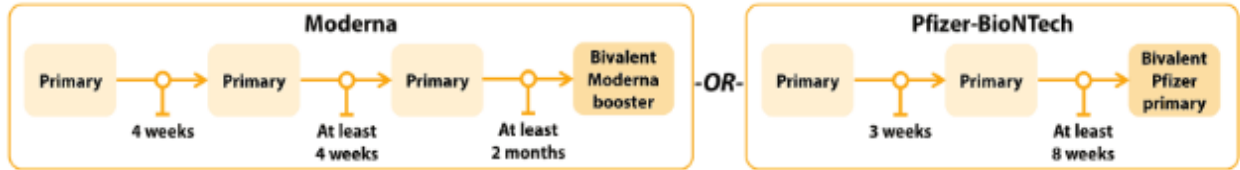
‡ Janssen COVID-19 Vaccine should only be used in certain limited situations. See: <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us-appendix.html#appendix-a>

# Covid-19 Vaccination Schedule

(Immunocompromised)

## COVID-19 Vaccination Schedule Infographic for People who ARE Moderately or Severely Immunocompromised

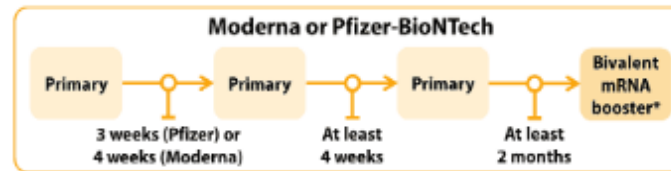
### People ages 6 months through 4 years



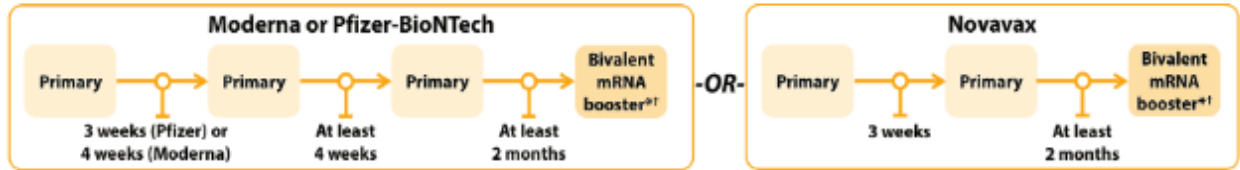
### People age 5 years



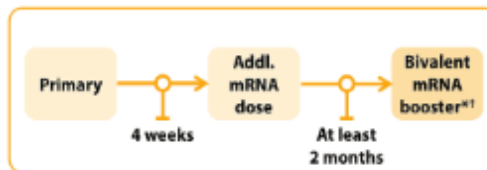
### People ages 6 through 11 years



### People ages 12 years and older



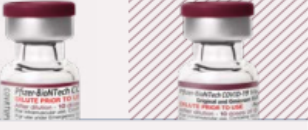




### People ages 18 years and older who previously received Janssen primary series dose\*



[Clinical Guidance for COVID-19 Vaccination | CDC](#)

# Pfizer-BioNTech COVID-19 Vaccine, Primary and Bivalent Presentations

	PRIMARY SERIES ONLY	BOOSTER DOSE ONLY	PRIMARY SERIES	PRIMARY SERIES ONLY	BOOSTER DOSE ONLY
	PFIZER-BIONTECH COVID-19 VACCINE OR COMIRNATY (COVID-19 VACCINE, mRNA), DO NOT DILUTE <sup>1</sup>	PFIZER-BIONTECH COVID-19 VACCINE, BIVALENT, DO NOT DILUTE <sup>1</sup>	PFIZER-BIONTECH COVID-19 VACCINE AND PFIZER-BIONTECH COVID-19 VACCINE, BIVALENT, DILUTE BEFORE USE <sup>2</sup>	PFIZER-BIONTECH COVID-19 VACCINE, DILUTE BEFORE USE <sup>3</sup>	PFIZER-BIONTECH COVID-19 VACCINE, BIVALENT, DILUTE BEFORE USE <sup>3</sup>
Age Group	12 years and older*	12 years and older (See additional information in teal box to the right of table)	6 months through 4 years (See additional information in boxed maroon text to the right of table)	5 through 11 years ("Age 5y to <12y" on vial label)	5 through 11 years ("Age 5y to <12y" on vial label) (See additional information in teal box to the right of table)
Vial Cap Color	Gray 	Gray 	Maroon 	Orange 	Orange 
Dose	30 mcg	30 mcg	3 mcg	10 mcg	10 mcg
Dose Volume	0.3 mL	0.3 mL	0.2 mL	0.2 mL	0.2 mL
Amount of Diluent Needed per Vial	NO DILUTION	NO DILUTION	2.2 mL	1.3 mL	1.3 mL
Doses per Vial	Multiple dose vial: 6 doses per vial	Multiple dose vial: 6 doses per vial	Single dose vial: 1 dose per vial	10 doses per vial (after dilution)	10 doses per vial (after dilution)
	<b>Storage Conditions</b>		<b>Storage Conditions</b>		
Ultra-Low-Temperature (ULT) Freezer [-90 °C to -60 °C (-130 °F to -76 °F)]	18 months <sup>1</sup>		18 months <sup>1</sup>		
Freezer [-25 °C to -15 °C (-13 °F to 5 °F)]	<b>DO NOT STORE</b>		<b>DO NOT STORE</b>		
Refrigerator [2 °C to 8 °C (35 °F to 46 °F)]	10 weeks		10 weeks		
Room Temperature [8 °C to 25 °C (46 °F to 77 °F)]	12 hours prior to first puncture (including any thaw time)		12 hours prior to dilution (including any thaw time)		
After First Puncture [2 °C to 25 °C (35 °F to 77 °F)]	Discard after 12 hours		Discard after 12 hours <sup>2</sup>		

The complete formulation guide can be downloaded here: <https://webfiles.pfizer.com/formulation-guide>

The new interactive formulation guide can be downloaded here: [Interactive Pfizer COVID-19 Formulation Guide](#)

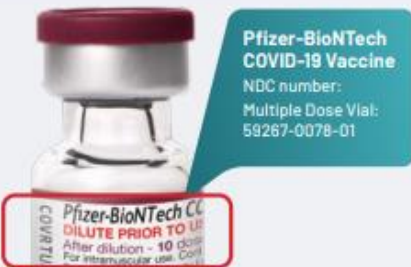

For more extensive information and guidance, including each formulation's EUA Fact Sheet: <https://www.cvdvaccine-us.com/>





# Distinguishing Between Maroon Cap Vials: Pfizer-BioNTech COVID-19 Vaccine and Pfizer-BioNTech COVID-19 Vaccine, Bivalent (Original and Omicron BA.4/BA.5)<sup>7</sup>

Verify the vials (including labels) prior to preparation and administration to help avoid dosing errors

	PRIMARY SERIES	
	DOSES 1 AND 2	DOSE 3
<b>Name</b>	<b>Pfizer-BioNTech COVID-19 Vaccine</b> <b>DILUTE BEFORE USE</b>	<b>Pfizer-BioNTech COVID-19 Vaccine, Bivalent (Original and Omicron BA.4/BA.5)</b> <b>DILUTE BEFORE USE</b>
<b>Variant Composition</b>	<b>Monovalent: 3 mcg modRNA-Original</b> [*Monovalent* refers to vaccine that encodes the spike protein of only the Original SARS-CoV-2]	<b>Bivalent: 1.5 mcg modRNA-Original and 1.5 mcg modRNA-Omicron BA.4/BA.5</b>
<b>Authorized Use (AU)</b>	<b>Primary Series AU:</b> As Dose 1 and Dose 2 in a 3-dose primary series in individuals 6 months through 4 years of age*	<b>AU:</b> As Dose 3 in a 3-dose primary series in individuals 6 months through 4 years of age*
<b>Cap Color &amp; Label</b> <i>Maroon caps and labels with maroon borders</i>	 <p>Pfizer-BioNTech COVID-19 Vaccine NDC number: Multiple Dose Vial: 59267-0078-01</p>	 <p>Pfizer-BioNTech COVID-19 Vaccine, Bivalent (Original and Omicron BA.4/BA.5) NDC number: Multiple Dose Vial: 59267-0609-1</p>

Low dead-volume syringes and/or needles can be used to extract 10 doses from a single vial. If standard syringes and needles are used, there may not be sufficient volume to extract 10 doses from a single vial.











\*For vaccination of individuals advancing into the next age group (4 years of age turning 5 years of age) between any primary series dose, refer to the respective age-based Fact Sheet for Healthcare Providers for instructions for administration.

**Pfizer-BioNTech COVID-19 Vaccine, Bivalent maroon cap vials have the same storage, handling, preparation, dose volume, and administration instructions as Pfizer-BioNTech COVID-19 Vaccine maroon cap vials.**





## Moderna COVID-19 Vaccine Presentations

	Moderna COVID-19 Vaccine, Bivalent Booster Dose* (6 months through 5 years of age)	Moderna COVID-19 Vaccine, Bivalent Booster Dose (6 years of age and older)	Moderna COVID-19 Vaccine Primary Series (6 months through 5 years of age)	Moderna COVID-19 Vaccine Primary Series† (6 through 11 years of age)	Moderna COVID-19 Vaccine Primary Series (12 years of age and older)
Dose Per Vial	Bivalent Booster Dose for 6 months through 5 years of age: 2 doses	Bivalent Booster Dose for 12 years of age and older: 5 doses Bivalent Booster Dose for 6 through 11 years of age: 10 doses	Primary Series Doses: 10 doses	Primary Series Doses: 5 doses	Primary Series Doses only: maximum of 11 doses (range: 10-11 doses)
Dose Volume	Bivalent Booster Doses 6 months through 5 years of age: Each 0.2 mL	Bivalent Booster Doses 12 years of age and older: Each 0.5 mL 6 through 11 years of age: Each 0.25 mL	Primary Series Dose: Each 0.25 mL	Primary Series Dose: Each 0.5 mL	Primary Series Dose: Each 0.5 mL
Vial Label	Yellow box  NDC 80777-283-02	Gray border  NDC 80777-282-05	Magenta border  NDC 80777-279-05	Purple border  NDC 80777-275-05	Blue border  NDC 80777-273-10
Carton	Yellow box  NDC 80777-283-99	Gray border  NDC 80777-282-99	Magenta border  NDC 80777-279-99	Purple border  NDC 80777-275-99	Blue border  NDC 80777-273-99

\*Moderna COVID-19 Vaccine, Bivalent is authorized as a booster dose in individuals 6 months through 5 years of age at least 2 months after completing the Moderna COVID-19 Vaccine primary series. Moderna COVID-19 Vaccine, Bivalent is authorized as a booster dose in individuals 6 years of age and older at least 2 months after any authorized or approved vaccine.

† The Moderna COVID-19 Vaccine vial labeled “BOOSTER DOSES ONLY” is authorized to provide Primary Series Doses (0.5 mL each) for individuals 6 through 11 years of age.

For more information, please see the FDA-Authorized Fact Sheets: [Moderna COVID-19 FDA Fact Sheets](#)



# Updated Interim Clinical Considerations for Use of COVID-19 Vaccines

as of December 9<sup>th</sup>, 2022

- New recommendation for children ages 6 months–4 years who complete a Moderna primary series to receive 1 bivalent Moderna booster dose at least 2 months after completion of the primary series.
- Children aged 5 years who complete a Moderna primary series may receive *either* the previously authorized bivalent Pfizer-BioNTech booster dose or the newly authorized bivalent Moderna booster dose at least 2 months after completion of the Moderna primary series.
- The previously authorized 3-dose Pfizer-BioNTech primary series for children ages 6 months–4 years has been revised as follows:
  - A monovalent Pfizer-BioNTech vaccine is administered for the first and second doses, followed by 1 bivalent Pfizer-BioNTech vaccine as the third primary series dose, at least 8 weeks after the second monovalent primary series dose.
  - A booster dose is not authorized for children in this age group who receive a Pfizer-BioNTech 3-dose primary series, including children who previously received a 3-dose monovalent Pfizer-BioNTech primary series.

For more detailed information, access the document linked below:

[CDC Summary Document for Interim Clinical Considerations for the Use of COVID-19 Vaccines Currently Authorized or Approved in the United States](#)



# Mixing Covid-19 Vaccine Products

## Primary Series

- The CDC *does not recommend mixing products for your primary series doses*; mixed primary series composed of any combinations of Moderna, Novavax, and Pfizer vaccines is **not authorized**.
- All COVID-19 vaccine primary series doses should be from the same manufacturer.
- If you received Pfizer-BioNTech, Moderna, or Novavax for the first dose of your primary series, you should get the same product for all following primary series doses.

## Mixing Boosters

The following information applies to individuals who want to get different products for their booster vaccine:

### Children aged 6 months-4years

- Children aged 6 months–4 years should get the same product for all their primary series and booster, if eligible.
- However, children who only completed 2 doses of Pfizer-BioNTech COVID-19 vaccines should get the Pfizer-BioNTech updated (bivalent) vaccine as the 3rd dose in their primary series.
- Children aged 6 months–4 years who **completed the 2-dose Moderna** primary series should get an updated (bivalent) Moderna booster.

### People aged 5 years and older

- Children aged 5 who completed the Pfizer-BioNTech primary series should only get the updated (bivalent) Pfizer-BioNTech booster.
- Children aged 5 who completed the Moderna primary series can get a different product for their updated (bivalent) booster than they got for their primary series.
- People ages 6 years and older can get a different product for their updated (bivalent) booster than they got for their primary series or last booster.



Visit the CDC Site for More Detailed Information: [CDC Guidelines for Mixing Covid-19 Products](#)

# Co-Administration

- Administer vaccinations that may be more likely to cause a local reaction in different limbs, if possible.
- When deciding whether to co-administer other vaccine(s) with COVID-19 vaccine, consider:
  - Whether the patient is behind or at risk of becoming behind on recommended vaccines.
  - The patient's risk of vaccine-preventable disease.
  - The reactogenicity profile of the vaccines.
  - The likelihood of avoiding a missed opportunity to vaccinate.
- Persons, particularly adolescent or young adult males, might consider waiting 4 weeks after orthopoxvirus (monkeypox) vaccination (either JYNNEOS or ACAM2000) before receiving a Moderna, Novavax, or Pfizer-BioNtech COVID-19 vaccine.

[CDC: Timing, spacing, age transitions, and coadministration of COVID-19 vaccines](#)



# COVID- 19 Vaccine Ordering Updates

**Margaret Archer, MPH, and  
Muhammad Khalil, BSM  
Covid-19 Vaccine Ordering Team**



# COVID-19 Vaccines available in OSIS

- OSIS offers 13 Covid-19 vaccines across all age groups.
- If you wish to order less than the minimum required dose amount, please specify the number of doses you would like to order under the clinic comments before submitting the order.
- Providers do have the option to opt-out of receiving ancillary kits with *some* COVID-19 Vaccine Orders.
  - Please note that Pfizer Pediatric vaccines orders **cannot** OPT-OUT from receiving ancillary kits.
  - If the “opt-out” option is greyed out on the OSIS order page for any other vaccines but you would like to opt-out from receiving them, please indicate this request in the clinic comments.

As a reminder, please remember to regularly check the OSIS homepage for news updates related to COVID-19 Vaccines.

# COVID-19 Vaccines available in OSIS (cont.)

CVX	Name on OSIS ordering page	NDC	Manufacturer	Minimum doses for direct-ship	Age Group	Ancillary Opt-Out	Primary or Booster
207	Moderna COVID-19 (10 x 10 dose 5.0 mL MDV)	80777-0273-99	MODERNA	100	12+	YES	PRIMARY ONLY
212	Janssen COVID-19 (20 x 5 dose 5.0 mL MDV)	59676-0580-15	JANSSEN	100	18+	YES	PRIMARY ONLY
217	Pfizer Comirnaty COVID-19 (MDV6; 10 pack)	00069-2025-10	PFIZER, INC.	180	12+	YES	PRIMARY ONLY
218	COVID-19 Pfizer 5-11Yrs (10X10 (0.2mL/dose) MDV)	59267-1055-04	PFIZER, INC.	100	5Y-11Y	NO, DUE TO DILUENT	PRIMARY & BOOSTER
219	PFR COVID Tris-suc 6m-4y (10 x 10(0.2mL/dose) MDV)	59267-0078-04	PFIZER, INC.	100	6M-4Y	NO, DUE TO DILUENT	PRIMARY ONLY
221	MOD COVID-19 6 to 12/Adu Booster(10x 2.5mL Vials)	80777-0275-99	MODERNA	100	6Y-12Y	YES	PRIMARY ONLY
228	Moderna COVID-19 Ped 6mo - 5yr (10 x 2.5mL Vials)	80777-0279-99	MODERNA	100	6M-5Y	YES	PRIMARY ONLY
229	COV-19 (Moderna); Bivalent; MDV5	80777-0282-99	MODERNA	100	18+	YES*	BOOSTER ONLY
230	MOD COVID-19 Bivalent Bstr 6m-5y (10 x 0.40mL MDV)	80777-0283-99	MODERNA	100	6Y-12Y	YES*	BOOSTER ONLY
300	PFR COVID-19 Bivalent Bstr 12+yrs (10x2.0mL MDV)	59267-0304-02	PFIZER, INC.	180	12+	YES*	BOOSTER ONLY
300	PFR COVID-19 Bivalent Bstr 12+yrs (10x2.0mL SDV)	59267-1404-02	PFIZER, INC.	50	12+	YES*	BOOSTER ONLY
301	Pfizer COVID-19 Booster 5-11 yrs (10 x 2.0mL MDV)	59267-0565-02	PFIZER, INC.	100	5Y-11Y	NO, DUE TO DILUENT	BOOSTER ONLY
302	Pfizer COVID-19 BIV Booster 6m-4y (10 x 2.6mL MDV)	59267-0609-02	PFIZER, INC.	100	6M-4Y	NO, DUE TO DILUENT	BOOSTER ONLY

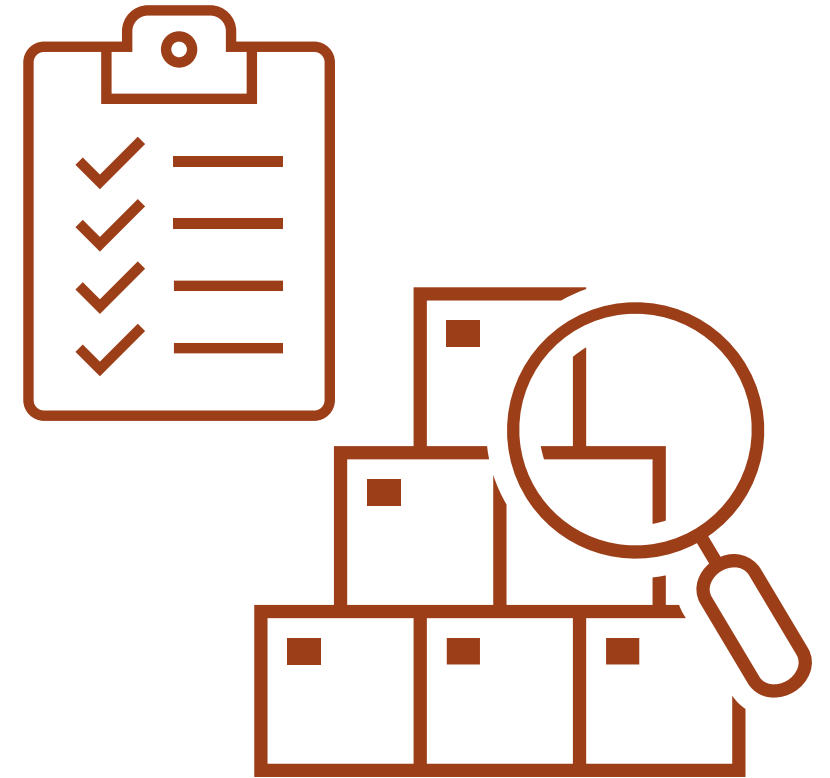
\*If you wish to opt-out from receiving ancillary kits with the order, please specify it under the clinic comments before submitting the order.

# Vaccine Storage and Handling

**Sonja Claborn LPN,  
Immunization Field Consultant**

# Best Practice for Inventory Management

- To reduce waste, providers should be aware of vaccines in their inventory that are nearing expiration dates and prioritize their administration.
- Providers should enroll in the CDC Code Management Service to access the most up-to-date Expiration Information for all Vaccines.
  - [Vaccine Lot Number and Expiration Date Webpage](#)
  - Click the "Register" button in the upper right-hand corner to complete the registration form to request access.
- Moderna, Novavax, Pfizer, J&J Vaccine Expiration Lookup & Reference Information:
  - [Moderna Vial Expiration Data Look Up Tool](#)
  - [J&J Expiration Date Look Up Tool](#)
  - [Pfizer-BioNTech Covid-19 Lot Expiry Tool](#)
  - [Novavax Expiry Date Checker Tool](#)



# Inventory Update Required Vaccine Finder, OSIS

## Failure to maintain an updated inventory may impact vaccine orders.

- Per the CDC, starting May 1<sup>st</sup> providers are required to update inventory in Vaccine Finder on a **weekly** basis.
- Inventory will be listed by vaccine name and age designation, *not* cap color.
- Training Videos and Guides:
  - <https://www.vaccines.gov/covid-provider-resources/>
- Step By Step Instructions:
  - [https://www.vaccines.gov/resources/QSG.for.Add.Vaccine.Flow\\_Clean\\_06\\_04\\_21\\_FINAL.pdf](https://www.vaccines.gov/resources/QSG.for.Add.Vaccine.Flow_Clean_06_04_21_FINAL.pdf)
  - For assistance in updating Vaccine Finder or OSIS please call Immunization Services at (405) 426-8580.



## Find COVID-19 Vaccines

Powered by **VaccineFinder**

5-digit Zip Code

Zip Code

Show COVID-19 Vaccines and Boosters

Pfizer-BioNTech (age 5-11)

Pfizer-BioNTech (age 12+)

Moderna (age 18+)

Johnson & Johnson/Janssen (age 18+)

▶ [View key details about which vaccine you should get](#)

Show Only Locations That












Have appointments available

Search for COVID-19 Vaccines

[I'm looking for flu vaccines](#) →











## Pfizer Storage and Handling

Vial cap color	 Monovalent Maroon Cap	 Bivalent Maroon Cap	 Monovalent Orange Cap	 Bivalent Orange Cap	 Monovalent Gray Cap	 Bivalent Gray Cap
<b>Ages</b>	<b>6 months through 4 years</b>		<b>5 through 11 years</b>		<b>12 years and older</b>	
<b>Supplied in:</b>	MDV*: 10 doses per vial <b>Requires diluent</b>	MDV*: 10 doses per vial <b>Requires diluent</b>	MDV*: 10 doses per vial <b>Requires diluent</b>	MDV*: 10 doses per vial <b>Requires diluent</b>	MDV*: 6 doses per vial  <b>No diluent</b>	MDV*: 6 doses per vial SDV*: 1 dose  <b>No diluent</b>
<b>Storage Temperature: Before Puncture</b>  <b>Do NOT store vaccine in a standard freezer</b>	<p><b>Between:</b> -90°C and -60°C (-130°F and -76°F) until the expiration date<sup>†</sup> 2°C and 8°C (36°F and 46°F) for up to 10 weeks</p> <p><b>NOTE:</b> The beyond-use date (10 weeks) replaces the manufacturer's expiration date but NEVER extends it. Always use the earliest date. Do NOT use vaccine if the expiration date or beyond-use date has passed.</p>					
<b>Thawing Frozen Vaccine</b>  <b>Do NOT refreeze thawed vaccine</b>	<p><b>Between:</b> 2°C and 8°C (36°F and 46°F) OR Up to 25°C (77°F)</p> <p>Amount of time needed to thaw vaccine varies based on temperature and number of vials.</p>					
<b>Storage Temperature: After 1st Puncture</b>  <b>Do NOT use after 12 hours</b>	<p><b>Between:</b> 2°C and 25°C (36°F and 77°F) for up to 12 hours.</p> <p>Discard vial and any unused vaccine after 12 hours.</p>					



## Moderna COVID-19 Vaccine Storage and Handling

Vial cap color	 Monovalent Blue capped vials with magenta-bordered label	 Bivalent Pink capped vials with yellow-bordered label	 Monovalent Blue capped vial with purple-bordered label	 Monovalent Red capped vial with blue-bordered label	 Bivalent Dark blue capped vial with gray-bordered label
Supplied in multidose vial	10 doses per vial	2 doses per vial These vials should not be confused with single dose vials. Once 2 doses have been removed, discard the vial.	5 doses per vial	10 primary doses	6 through 11 years of age: 10 doses per vial 12 years of age and older: 5 doses per vial
Storage Temperature: Before Puncture  Do NOT store vaccine in an ultra cold freezer.	<b>Between:</b> -50°C and -15°C (-58°F and 5°F) until the expiration date 2°C and 8°C (36°F and 46°F) for up to 30 days 8°C and 25°C (46° and 77°F) for a total of 24 hours. Discard vial and unused vaccine after 24 hours. <b>NOTE:</b> The beyond-use date (30 days) replaces the manufacturer's expiration date but NEVER extends it. Always use the earliest date. Do NOT use vaccine if the expiration date or beyond-use date has passed.				
Thawing Frozen Vaccine  Do NOT refreeze thawed vaccine.	<b>Between:</b> 2°C and 8°C (36°F and 46°F) OR 15°C and 25°C (46°F and 77°F) Amount of time needed to thaw vaccine varies based on temperature and number of vials.				
Storage Temperature: After 1st Puncture  Do NOT use after beyond-use date times.	<b>Between:</b> 2°C and 25°C (36°F and 77°F) for up to: <ul style="list-style-type: none"> <li>■ 8 hours - bivalent vaccine for ages 6 months through 5 years (pink capped with yellow bordered label)</li> <li>■ 12 hours - all other Moderna COVID-19 vaccine products</li> </ul> Discard vial and any unused vaccine after these time frames.				



# Vaccine Ordering and Distribution

**Teja Paruchuri, MPH**

# Reconciliation

## Reconciliation – **weekly**

- Providers are required to reconcile their inventory once during the ordering time frame: **Tuesday through Monday.**
- **If a clinic does not reconcile COVID inventory for 7 days, they will not be able to create a vaccine order.**
- An informational video on COVID 19 vaccine reconciliation and ordering can be accessed at <https://vimeo.com/528424790>
- [Inventory Reconciliation](#)

Inventory Location

KAY CHD-COVID
(ALL)
INV: KAY CHD-PONCA CITY
KAY CHD-COVID



# Ordering Process

- Providers can create orders in OSIIS during the ordering timeframe which is **Tuesday through Monday**.
- Vaccines can be ordered based on the need. If less than the minimum quantity is needed, providers will need to place an order for the minimum quantity and add a comment in the Clinic Comments indicating the number of doses needed.
- Providers now have the option to opt-out from receiving vaccine ancillary kits with their vaccine order. This doesn't apply for Pediatric Pfizer and Pediatric Pfizer Bivalent booster.
  - If you wish to opt-out, please specify this information in the Clinic Comments.
- Please do not refuse any vaccine shipments.

Clinic Comments

ONLY NEED 30 DOSES OF MODERNA

CVX	Name	NDC	Manufacturer Code	Manufacturer	Cost per Package	Doses per Package	Intent	Ancillary Kit	Qty of Packages
CVX	NAME	NDC	MANUFA	MANUFA					
207	Moderna COVID-19 (10 x 10 dose 5.0 mL MDV)	80777-0273-99	MOD	MODERNA	\$1.00	100	ADULT	YES	1





# Ordering Process

- **The cut-off to create orders in OSIS – Monday, 5pm.**
- To make any changes or cancellations to orders after the deadline, providers must reach out ASAP.
  - To request a change, a provider should email to OSDH VaccineHelp <[VaccineHelp@health.ok.gov](mailto:VaccineHelp@health.ok.gov)>
  - If provider doesn't receive a confirmation of changes/cancellation within 24h, provider must call the OSDH Immunization Service 405.426.8580 to ensure that the order has been cancelled.
- **Orders with at least min quantity, will be approved in OSIS and directly shipped to providers – subjected to CHANGE depending on the available weekly threshold amounts.**
- Orders with less than min quantity will be rejected in OSIS with a note that County Health Department (CHD) will fulfill the order and get in touch with the provider via email or phone.
  - Example of the message: *"Your order will be fulfilled by your County Health Department. Watch for e-mail communication about the process and phone calls to arrange vaccine transfer."*
  - CHDs will deliver vaccines to providers on the same or the following week. Delivered by CHD employees, national guard, or courier service.



# Ordering Process

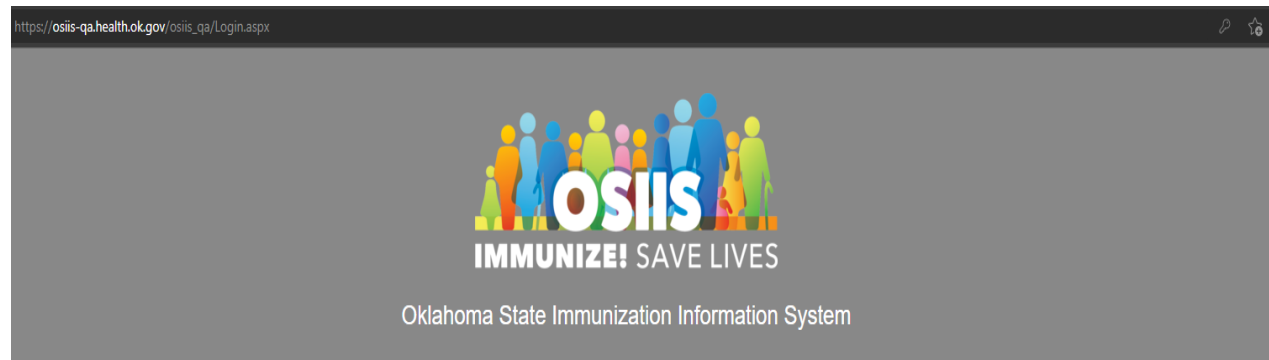
- Upon delivery of vaccine by CHD, the provider should complete 4 steps:
  1. Sign a Bill of Lading and keep a copy.
  2. Check that delivered vaccines are viable.
  3. Immediately place vaccines into storage according to [the guidelines](#) and label appropriately indicating expiration and/or Beyond-use dates (BUDs).
  - 4. Accept transfer in OSIS.**
- Questions about orders:
  - OSIS: OSISHelp@health.ok.gov
  - Vaccine ordering process: VaccineHelp@health.ok.gov
  - Order fulfillment/delivery: Contact CHDs (contacts will be shared in the follow-up email).



# OSIIS Updates

**Martin Lansdale, MPH**  
**OSIIS Data Quality Coordinator**

# Updating Passwords in OSIIS



Login

Username

Password

[Forgot Password?](#)

[Trouble Logging in?](#)

[Request User Account](#)

**NOTICE:** You are about to gain access to an Oklahoma State Department of Health application. By proceeding, you are agreeing that all information made available to you through this application will be kept confidential. Any unauthorized access, use, and/or disclosure of information received by you through this application is a violation of federal and state law and will result in a loss of access privileges, an action for civil damages, an action for criminal charges, and/or disciplinary action including, but not limited to, suspension or dismissal. This release of protected health information is pursuant to an individual request as authorized under 45 C.F.R. § 164.524, 63 O.S. § 1-502.2, and/or other federal and state statutes, rules, and regulations.

**Public Portal-** If you need a shot record, please use the [OSIIS Public Portal](#) to download a copy of your record.

**NOTICE:** To access OSIIS as a provider or clinic, *all new providers/clinics* have to sign an Authorized Site Agreement (ASA). Click on the following link to complete the ASA: [OSIIS Authorized Site Agreement](#)



# Shot Records: Public Portal

- OSIIS has a public portal that can be found at the below link:
  - [https://osiis.health.ok.gov/osiis\\_public/Application/PublicPortal](https://osiis.health.ok.gov/osiis_public/Application/PublicPortal)
  - **DISCLAIMER:** Not all shots are recorded in OSIIS as reporting private vaccine is not required.
- Patients can search and download a copy of their shot record for just covid shots or their complete immunization history through the portal.
- The public portal uses **patient name, date-of-birth, email, and phone number** for verification purposes (all have to be on the shot record in OSIIS or patients cannot pull their shot record).
- Currently OSIIS has a high amount of missing emails/phone numbers.
- Providers need to make sure to document email and phone number for the patient **and add/send it to OSIIS** with the shot record in order to increase the likelihood of a records match in the portal.



# News

WELCOME TO THE  
**Oklahoma State Immunization Information System**



## Default Provider/Clinic

Provider/Clinic : TEST PROVIDER ONE, TEST PROVIDER ONE

SELECT A CLINIC BY TYPING PROVIDER, CLINIC, VFC PIN, OR CLINIC CODE



## News

### [09/28/2022] - Update: Pediatric Bivalent Vaccine Formulations Pediatric Bivalent Vaccines

- Applications for Pfizer and Moderna Pediatric Bivalent products are currently under consideration.
  - Pfizer: Children aged 5 – 11 years. NDC (59267-0565-02)
  - Moderna: Children aged 6 – 17 years. *More information will be released as it becomes available.*
- Pending potential FDA EUA for the new Pediatric bivalent COVID-19 boosters, CDC's Advisory Committee on Immunization Practices (ACIP) will convene to discuss potential recommendations.
  - Once scheduled, [ACIP meeting information is announced on the CDC website.](#)
- Both vaccines are expected to be approved for children *who have already completed a primary series.*
- Children will be eligible to receive a single bivalent Pfizer or Moderna booster if they received either of the following products:
  - Pfizer Adult Vaccine (children aged 12 – 17)
  - Moderna Vaccine (Children aged 12 – 17)
  - Pfizer Pediatric Vaccine (Children aged 5 – 11)

### Pfizer Pediatric Bivalent

- For children aged 5 – 11
- New product with a new NDC



# Moderna Booster in OSIS

## Administer

Vaccination Time	<input type="text" value="HH:MM AM/PM"/> (HH:MM A/P)								
	<b>Administered By *</b>							<b>Refusal Reason *</b>	
<b>Vaccine</b>	<input data-bbox="496 735 769 782" type="text" value="TEST, TRAIN (--)"/>							<input data-bbox="1421 728 1814 782" type="text" value=""/>	
COVID-19 mRNA (MOD)	<input data-bbox="496 799 769 846" type="text" value="TEST, TRAIN (--)"/>	<b>Mfg   Lot   Exp Date (MM/DD/YY)   Funding Src   Inv Loc   NDC   Brand *</b>							
		<input data-bbox="802 842 2369 889" type="text" value="(I) MOD   TEST1   04/21/22   PAN   IITSTESTING2   80777-0273-99   MODERNA"/>							
	Did not Admin <input type="checkbox"/>	<b>Body Site *</b>	<b>Route *</b>	<b>Dosage</b>	<b>Refusal Reason</b>				
	Delete <input type="checkbox"/>	<input data-bbox="802 942 963 989" type="text" value="LD"/>	<input data-bbox="980 942 1286 989" type="text" value="INTRAMUSCULAR"/>	<input data-bbox="1304 942 1447 989" type="text" value="0.25"/>	<input data-bbox="1465 942 1854 989" type="text" value=""/>				
	VFC: Not VFC Eligible								





# How To Guides

## "How To" Guides

- [Moderna Booster OSIS Guide](#)
- [How to Turn On User Default Order Notifications](#)
- [Inventory Reconciliation](#)
- [How to Place a Covid-19 Vaccine Order](#)
- [Immunizing a Patient for COVID](#)
- [How to add an extra dose](#)
- [Wastage](#)



# RSV Burden of Disease in Older Adults

Dr. J. Trevor Knol, PharmD,  
Medical Science Liaison-Vaccines, GSK

# Questions/Suggestions

**Looking Forward:**

**Next Call**

**April 7th, 2023**

**at 12pm**

# Resources: Medical Updates & Immunization Site Training for All Healthcare Providers led by Pfizer Vaccines US Medical Affairs

Goal: Educate providers and immunization staff personnel on the proper use of the Pfizer-BioNTech COVID-19 Vaccines

To access dates and links for upcoming training sessions, please visit\*:

<https://www.pfizermedicalinformation.com/en-us/medical-updates>



# Resources

## Testing:

- Nasopharyngeal, throat, saliva
- [Testing@health.ok.gov](mailto:Testing@health.ok.gov)

## Monoclonal Antibodies: (Amanda Cavner)

- [Antivirals@health.ok.gov](mailto:Antivirals@health.ok.gov)
- <https://oklahoma.gov/covid19/what-you-should-know/monoclonal-antibody-therapies.html>

## Vaccine:

- [COVID-19 Vaccines | FDA](#)
- [PREP Act Guidance](#)
- [Interim Clinical Considerations for Use of COVID-19 Vaccines | CDC](#)
- [COVID-19 Vaccination for Children | CDC](#)

- Pfizer: [Home \(cvdvaccine-us.com\)](https://www.cvdvaccine-us.com)
- Moderna: [What is Moderna COVID-19 Vaccine \(EUA\)? | How Does It Work? \(modernatx.com\)](#)
- J&J: [Resources for COVID-19 Vaccine Education | Johnson & Johnson \(jnj.com\)](#)
- Novavax: <https://us.novavaxcovidvaccine.com/hcp>



# Resources/Tools

- OSIS Training: <https://osis.health.ok.gov/osis/Application/ApplicationHelp/Index>



# Vaccine Inventory Adjustment: On-Hand Expired Vaccines

- **When reconciling inventory, check that your facility has no expired inventory on hand.**
  - Navigate to the *Vaccine Inventory On-Hand* screen by selecting:
    - **Inventory > Vaccines > On-Hand** from the left-hand menu.
- Change the Status from On-Hand to Depleted/Expired
- Locate the Filter tab
- Locate the vaccine inventory item requiring an inventory adjustment.
- Click the corresponding **Action** button and select **Adjustment**.
- Complete the following required fields:
  - **Date** (enter the actual date on which the inventory was wasted)
  - **Reason** (select Vtrcks Other)
  - **Modification** (if a value does not default, select Add or Subtract to make the corresponding adjustment)
  - **Doses Adjusted** (enter the number of doses wasted for the selected reason)
  - **Comments** (Expired)
- Click the **Create** button.
- Click the **On-Hand** menu item to return to the *Vaccine Inventory On-Hand* screen where you can verify the inventory was adjusted correctly.
- **See attached video on Resources/Tools**



# QAs From Live Call

