

COVID-19 Vaccine Pediatric Vaccine Overview and How to Order Doses Through VOMS

Pediatric COVID-19 vaccine

Multiple vaccine manufacturers are currently developing COVID-19 vaccines for children. Pending U.S. Food and Drug Administration authorization and Centers for Disease Control and Prevention recommendations, some details about the vaccine program are still forthcoming, and additional information will be forthcoming.

Timing

- **Oct. 26, 2021** – U.S. Food and Drug Administration’s (FDA’s) Vaccines and Related Biological Products Advisory Committee (VRBPAC).
- **Nov. 2-3, 2021** - Centers for Disease Control and Prevention’s (CDC’s) Advisory Committee on Immunization Practices (ACIP).

Pediatric COVID-19 Vaccine



The Pfizer-BioNTech COVID-19 Vaccine for 5 to 11-year-olds:

- Is a new product with different dosage from adult formulation.
- Has new packaging.
- Has a new national drug code (NDC).

The current product for adults and adolescents **should not** be used in children. The pediatric product should not be used for adolescents or adults.

Pfizer-BioNTech COVID-19 Vaccines

PRELIMINARY – SUBJECT TO CHANGE PENDING REGULATORY GUIDANCE AND AUTHORIZATION/APPROVAL

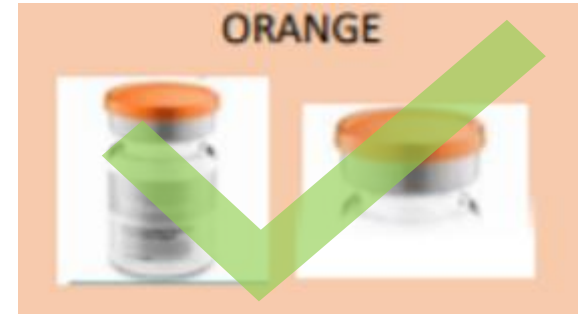
Description	Current Adult/Adolescent Formulation (1170 and 450 packs)	Future Pediatric Formulation
	<i>Dilute Prior to Use</i>	<i>Dilute Prior to Use</i>
Age Group	12 years and older	5 to <12 years**
Vial Cap Color	PURPLE 	ORANGE 
Dose	30 mcg	10 mcg
Injection Volume	0.3 mL	0.2 mL
Fill Volume (before dilution)	0.45 mL	1.3 mL
Amount of Diluent* Needed per Vial	1.8 mL	1.3 mL
Doses per Vial	6 doses per vial (after dilution)	10 doses per vial (after dilution)
Storage Conditions		
ULT Freezer (-90°C to -60°C)	9 months	6 months
Freezer (-25°C to -15°C)	2 weeks	N/A
Refrigerator (2°C to 8°C)	1 month	10 weeks

*Diluent: 0.9% sterile Sodium Chloride Injection, USP (non-bacteriostatic; DO NOT USE OTHER DILUENTS

**The vaccine is currently under emergency use authorization review by the Food and Drug Administration (FDA) for children 5 to <12 years old

Pediatric COVID-19 Vaccine

The current Pfizer-BioNTech COVID-19 vaccine for adolescents and adults **should not** be used for children.



Storage and Handling

Pfizer-BioNTech **Pediatric** COVID-19 Vaccine

- Can be stored at ultra-low temperatures (minus 90 degrees Celsius to minus 60 degrees Celsius) for up to 6 months.
- Can be stored in refrigerator temperatures (2 degrees Celsius to 8 degrees Celsius) for up to 10 weeks.
- Punctured vial must be used within six hours.

Storage and Handling

Pfizer-BioNTech **Pediatric** COVID-19 Vaccine

Pending FDA authorization:

- Newly updated ultra-low shipper.
 - Smaller in size and weight.
- Each carton contains 10 multidose vials (100 doses).
 - **First week's shipment will be 300 doses.**
- Each vial contains 10 doses.
- Preservative-free normal saline diluent is required.
 - **Included in the ancillary kit.**
 - **1.3mL required for dilution.**

COVID-19 Vaccine Planning

Children 5-11 years old

- Ordering will open now.
- We anticipate order submissions no later than noon Wednesday, Oct. 20, using the ImpactSIIS Vaccine Ordering Management System (VOMS).
 - Requesting an allocation by ordering is strongly encouraged.
 - There will be future opportunities to order this pediatric COVID-19 vaccine.
 - Only plan to order if you anticipate administering pediatric vaccine to those ages 5 to 11 years old.
 - Not all providers are expected to administer vaccines to the pediatric population.
 - VOMS is open 24 hours daily, 7 days a week.

COVID-19 Vaccine Planning

Children 5-11 years old

At this time, the minimum number of doses that can be ordered is 300.

- Future orders will be in increments of 100 doses.
- Smaller COVID-19 providers are encouraged to work with ODH to identify and form regional partnerships with other enrolled COVID-19 providers to help with equitable distribution.

Storage and Handling

COVID-19 Vaccine Temperature Monitoring Standards

Temperature Monitoring Device minimum required functionalities:

- A temperature probe or sensor.
- An active temperature display that can be easily read from outside of the unit that can show current, minimum, and maximum temperatures.
- Resettable min/max functionality.
- Alarm for out-of-range temperatures.

Storage and Handling

COVID-19 Vaccine Temperature Monitoring Standards

Daily Temperature Monitoring

Providers who store vaccine should complete and document twice-daily temperature checks for each unit each day the office is open for services. This includes weekends or special vaccine clinic days that are outside of normal business hours. This information should be documented on ODH paper temperature logs located on the [ODH Pandemic Provider website](#).

For quality assurance purposes, ODH may request a copy of the facility's temperature recordings.

Ordering Vaccine

Initial orders of pediatric formulation of the Pfizer-BioNTech vaccine will not be shipped until following approval by the FDA. Doses cannot be administered until recommended by the CDC.

Generally, anticipate 7-10 days from the date your vaccine order is entered into VOMS, and when the vaccine is delivered to your facility.

Step-by-step guide to placing order

1. Log into **ImpactSIIS**.

2. Click on **Inventory Management**.

3. Click **VOMS 2.0**.

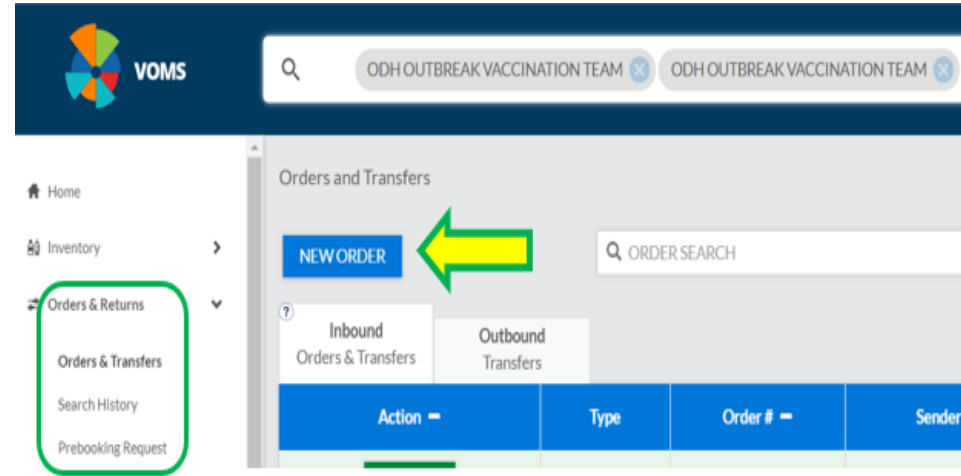


The screenshot shows the Ohio Impact Statewide Immunization Information System (ImpactSIIS) web application. The browser address bar shows the URL: ohioimpactsiis.org/siisprod/main.jsp. The page is logged in as THERESA BONN on June 29, 2021. The main heading reads: "Welcome to the Ohio Impact Statewide Immunization Information System (ImpactSIIS) Web application." Below this, a brief description states: "This web application allows enrolled users to conveniently search for patients in the ImpactSIIS Central Registry and to view the patients' vaccination record. In addition, authorized users can add and edit patient records and vaccination records, as well as maintain facility, physician, and lot number data." A "NEED HELP?" section provides instructions: "For instructions on how to use the Ohio ImpactSIIS: 1. GUIDES - Click [HERE](#) for step-by-step 'Quick Reference Guides' or visit the 'Document Center' under the Main Menu Heading after login to ImpactSIIS. 2. ANSWER DESK - Contact the Ohio ImpactSIIS Help Desk by phone at 1-888-595-0470 between the hours of 8 a.m. and 5 p.m. ET, Monday through Friday." A "Valuable Links" section lists various resources: "Visit the [American Immunization Registry Association](#) homepage.", "Get the latest WIS statements from the [Immunization Action Coalition](#) homepage.", "For the latest Immunization Schedule and more visit the [CDC](#) website.", "ImpactSIIS Security Agreement", "Request to be Removed Form", "Request to be Reinstated in ImpactSIIS", "Order ImpactSIIS Brochures", "ImpactSIIS Brochure (PDF version)", "Report a Reaction (VAERS)", "Vaccine Storage Job Aid - Refrigerator", "Vaccine Storage Job Aid - Freezer", "Vaccine Transfer Form", and "CDC Immunization Schedules". The left sidebar contains a navigation menu with categories: Main (Home, Logout, Select Application, Select Organization, Select Facility, Select Pin, Document Center, Help), Favorites, Patient, Waitlist, Vaccinations, Exec. Dashboard, Lead, Organization, Facilities, Inventory Management (VOMS 2.0), Reports, Settings, CASA Export, Imports, Exports, Scheduled Reports, Job Queue, Administration, Campaigns, and Answers. At the bottom left of the sidebar is the IWeb logo and version information: "IWeb Version: 5.42.3".

Step-by-step guide to placing order

On the **VOMS** screen:

1. Select site (if applicable).
2. Click **Orders & Returns**.
3. Click **Orders & Transfers**.
4. Click **NEW ORDER**.



**It may be necessary to reconcile your inventory before ordering.
Reconciling only your COVID-19 vaccine is acceptable.**

Step-by-step guide to placing order

It may be necessary to reconcile your inventory before ordering.
Reconciling only your COVID-19 vaccine is acceptable.

Expand drop-down menu to
Choose an Order Set.

The screenshot shows the VOMS (Vaccine Order Management System) interface. The top navigation bar includes the VOMS logo and search filters for 'ODH OUTBREAK VACCINATION TEAM'. The main content area is titled 'Create New Order' and features a two-step process: 1. RECONCILE INVENTORY and 2. CHOOSE ORDER SET & REQUEST DOSES. A green box highlights the 'Orders & Returns' menu item in the left sidebar. A dropdown menu is open under 'Choose an Order Set:', listing several options: COVID 19-PFIZER 30, COVID19 - JANSSEN, COVID19 - MODERNA, VFC FROZEN - PROQUAD, VFC - REFRIGERATED, and VFC FROZEN - VARICELLA. A green circle highlights the dropdown arrow, and a green box highlights the list of order sets.

COVID-19 vaccine order sets

In VOMS, use these COVID-19 vaccine order sets for ordering doses:

COVID-19 – Janssen

- Select this order set to request Johnson & Johnson (Janssen) vaccine.
- Minimum order quantity is 100 doses.
- Currently, this vaccine is shipped from the **CDC/McKesson Distribution Center**.

COVID-19 – Moderna

- Select this order set to request Moderna vaccine shipped from the **CDC/McKesson Distribution Center**.
- Minimum order quantity is 140 doses.
- * *Moderna vials now contain 14 doses.*

COVID-19 – Pfizer 30*

- Select this order set to request Pfizer vaccine repackaged through the Ohio Department of Health Receipt, Store, and Stage (RSS) warehouse.
- Adult/adolescent dose minimum order quantity is 30 doses.

COVID-19 – Pfizer RSS

- Select this order set to request Pfizer vaccine repackaged through the RSS warehouse.
- Adult/adolescent minimum order quantity is 120 doses.

COVID-19 – Pfizer

- Select this order set to request Pfizer vaccine **shipped from the manufacturer**.
- Adult/adolescent minimum order quantity is 1,170 doses.
- **Pediatric dose minimum order is 300 doses.**

Complete order entry

1. Enter total quantity in the **Doses Requested** field.
2. Enter **high and low temperatures for your vaccine storage unit(s) since your last vaccine order** in the Comments box.
 - Moderna and Pfizer orders will need freezer and refrigerator temperatures.
3. Click the **NEXT** button.

Choose an Order Set: COVID19 - MODERNA

INVENTORY REPORT LINKS

- Inventory Transaction Report
- Lot Number Summary

COVID19 - MODERNA				
Vaccine	Funding Source	Doses On Hand	Doses Administered	Doses Requested
Coronavirus (SARS-CoV-2)(COVID-19)				
Covid-19, Mrna, Lnp-S, Pf, 100 Mcg/ 0.5 MI Dose Covid-19 Moderna MOD 100 pack - VIALS NDC: 80777-0273-99	PAN	0	0	500

Comments

REMINDER: Please enter your min/max temperatures here.

ENTER LOW AND HIGH TEMPERATURES HERE
ENTER OTHER NOTES HERE AS WELL
EXAMPLE: DOSE 1
EXAMPLE: DOSE 2
EXAMPLE: SPECIAL CLINIC

PREVIOUS CANCEL SAVE NEXT

How to order pediatric doses

Choose an Order Set: **COVID19 - PFIZER** ▾

INVENTORY REPORT LINKS ▾

- [Inventory Transaction Report](#)
- [Lot Number Summary](#)

COVID19 - PFIZER				
Vaccine	Funding Source	Doses On Hand	Doses Administered	Doses Requested
Coronavirus (SARS-CoV-2)(COVID-19)				
Covid-19, Mrna, Lnp-S, Pf, 30 Mcg/0.3 MI Dose Covid-19 Pfizer (1170 - Doses) PFR 1170 pack - VIALS NDC: 59267-1000-02	PAN	68850	0	<input type="text" value="0"/>
NO FAMILY				
Covid-19, Mrna, Lnp-S, Pf, 10 Mcg/0.2 MI Dose, Tris-Sucrose Covid-19 Pfizer (300 Doses) Peds PFR 300 pack - VIALS NDC: 59267-1055-04	PAN	0	0	<input type="text" value="0"/>

Adult/adolescent and pediatric doses of the Pfizer vaccine can be ordered from the same screen:

Enter requested adult/adolescent formulation doses.

Then, enter how many doses you would like of the pediatric formulation.

Verify shipping details, complete order

Verify the shipping address, contact information, and delivery hours.

If any of this information is incorrect, contact the ODH Provider Call Center:
1-844-963-4829.


Click **Submit Order**.

Create New Order

1 RECONCILE INVENTORY 2 CHOOSE ORDER SET & REQUEST DOSES 3 SHIPPING INFO

SHIPPING ADDRESS

Organization: Franklin County Public Health PIN: 21006 Franklin County Public Health 280 East Broad Street 2nd Floor - Suite 200 Columbus, OH 43215	If the address contains errors, the vaccine may be undeliverable. To change your delivery address, please call (614) 752-1352	Primary Vaccine Coordinator: Milu Nguyen Email: milunguyen@franklincountyohio.gov Phone: 6145256674 Fax: Unavailable
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DELIVERY HOURS 

Monday	9:00 AM - 1:00 PM
Tuesday	
Wednesday	9:00 AM - 1:00 PM
Thursday	
Friday	9:00 AM - 1:00 PM
Saturday	
Sunday	

DELIVERY INSTRUCTIONS

Do not enter Delivery Hours here. Driver will only use Delivery Hours specified to the left for valid delivery times.

Enter special instructions: landmarks, doors, etc.



How to resume vaccine shipments

If your site requested to suspend shipments of COVID vaccine and you are ready to resume, please contact the **ODH Provider Call Center** at 1-844-9ODHVAX (1-844-963-4829) or email COVIDVACCINE@odh.ohio.gov to request to unsuspend shipments.

The COVID-19 enrollment team will process the request and contact your site if additional follow-up information is needed (temperature data, etc.).

Temporary Pfizer (Adult) Shipping Halt

- During the first week of roll-out and shipment of the new pediatric formulation of the Pfizer-BioNTech vaccine, there will be a brief period of time during which shipments of adult/adolescent doses of the Pfizer-BioNTech vaccine sent directly from the manufacturer will be halted.
- VOMS will continue to be available for providers to place orders for all COVID-19 vaccines during this time.
- The RSS Warehouse will continue to redistribute the Pfizer-BioNTech adolescent/adult vaccine throughout this interval.
- Providers are encouraged to plan ahead and place orders prior to Oct. 26 for Pfizer-BioNTech adult/adolescent vaccine that may be needed in early November.

Vaccine Wastage

- ODH recognizes that current vaccine supply, demand, and administration strategies may present an increased risk of vaccine wastage.
- The goal should always be to administer COVID-19 vaccines to those who choose to be vaccinated.
- Vaccine providers should make all reasonable efforts to minimize vaccine wastage and continue to vaccinate and reduce missed opportunities.

Contact Us

Resources

- Please review the [ImpactSIIIS Job Aids and Videos](#) page on the ODH website.

Questions

- Send future questions to impact@odh.ohio.gov.
- Contact the ODH Provider Call Center at 1-844-9ODHVAX (1-844-963-4829) or email COVIDVACCINE@odh.ohio.gov with any questions.