

# Immunization Program COVID-19 Update

Slides and recording will be posted by **end of the day** at [www.healthvermont.gov/COVID19-vaccine-healthpros#resources](http://www.healthvermont.gov/COVID19-vaccine-healthpros#resources)

## 12/14/2021 Agenda

- *1 year anniversary of the 1<sup>st</sup> COVID-19 vaccine administered in the country.*
- *Pfizer 5-11*
  - *Community and SLV Clinics*
  - *Ordering*
  - *Planning for younger age groups*
- *Booster doses*
- *Pfizer – Grey Cap vs Purple*
- *Administration errors*
- *Expiration dates/Beyond use dates*
- *General ordering guidance*
- *Open discussion*

## Contact Information

- Ordering, vaccine storage and handling, vaccine-specific information: [AHS.VDHImmunizationProgram@vermont.gov](mailto:AHS.VDHImmunizationProgram@vermont.gov)
- Immunization registry and reporting questions: [IMR@vermont.gov](mailto:IMR@vermont.gov)
- Vaccine Distribution Team: [AHS.VDHCovidVaxDistribution@vermont.gov](mailto:AHS.VDHCovidVaxDistribution@vermont.gov)
- Program updates available on the [Vaccine Information for Health Care Professionals](#)<sup>1</sup> Page.
- [VIMS User Guide for COVID-19 Vaccine Inventory Management](#)<sup>2</sup>
- [Advisory Committee on Immunization Practices \(ACIP\) | CDC](#)<sup>3</sup>

1 - [www.healthvermont.gov/disease-control/immunization-providers#vvpupdate](http://www.healthvermont.gov/disease-control/immunization-providers#vvpupdate)

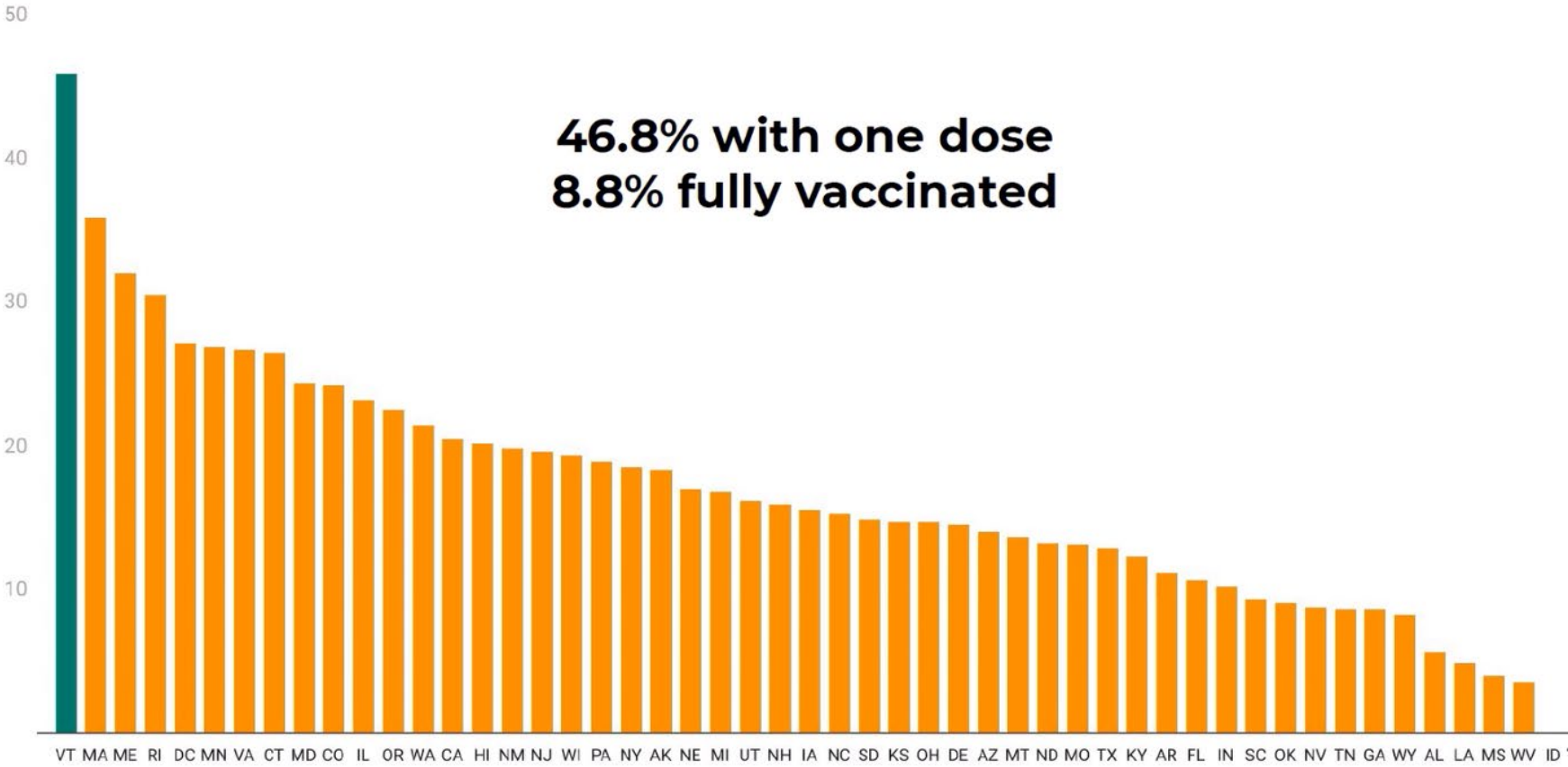
2 - <https://www.healthvermont.gov/sites/default/files/documents/pdf/COVID19-VIMS-Hospital-User-Guide.pdf>

3 - <https://www.cdc.gov/vaccines/acip/index.html>

# 5 through 11 and Pediatric Pfizer

# Vermont Pediatric Vaccination Success

Percent of 5 to 11 Population Starting Vaccinations as of 12/07



# Vermont Pediatric Vaccination Planning

- Over 21,000 children between 5-11 years old have received at least one dose at community clinics, SLVC, pharmacies, and provider offices. This is 48% of the population.
- SLVC are wrapping up 1<sup>st</sup> dose clinics now, second dose clinics complete the week of 1/10. Community clinics are on-going.
- Don't forget about your young adult patients: 18 to 29-years-old

## Next Age Group

- Anticipating younger age (under 5) approval in coming months.
- These efforts will be supported through the PCP offices.
- There are approx. 17,000 children 2 through 4 years-old in Vermont.

Receiving at least 1-dose	
Age	%
5 - 11	48%
12 - 17	80%
18 - 29	66%
30 - 39	89%
40 - 49	87%
50 - 59	89%
60 - 64	94%
65 - 69	100%
70 - 74	100%
75+	100%

# COVID-19 Vaccine Ordering For 12/15

Place an order in VIMS **on** Wednesday, 12/15 by 3pm.

- please email: [AHS.VDHCovidVaxDistribution@vermont.gov](mailto:AHS.VDHCovidVaxDistribution@vermont.gov) if you cannot make this deadline
- No distributor shipments or Depot deliveries Dec 23 -27. **Please add a practice comment in VIMS if you will be closed on the 20th through the 22nd and unable to receive a delivery.**
- Plan orders for what can be administered in **2 weeks** (by 1/12)
- Above planning is for all COVID-19 vaccines (adult and pediatric).

## Pediatric Practices:

- If you have been waiting for more vaccine to be available before ordering, **please use tomorrow's order to indicate your vaccine request for up to two weeks of planned vaccinations.** We will attempt to fulfill all requests with the available allocation but **wait for Thursday's distribution confirmation before scheduling/planning appointments to ensure vaccine is available to you.**
- Please use practice comments with your order in VIMS to describe clinic plans and first/second dose intentions

# Boosters

# Boosters – Boost Up VT

- Boost Up VT
  - [HELP BOOST UP VERMONT BY GETTING YOUR BOOSTER SHOT | VDH December 10 News Release](#)
  - State is prioritizing increased booster dose access for all those eligible leading up to holiday travel, Omicron, and high case rates.
  - *“During the current Delta surge, you should not consider yourself fully protected until you have gotten your booster.”* – Health Commissioner Mark Levine, MD.
  - Walk-in only booster clinics will be available in December. Locations available on [Getting the COVID-19 Vaccine | VDH](#)
  - 42% of Vermonters 18 and older are already boosted.
- If you are an office currently offering COVID-19 vaccine, please consider:
  - Offering boosters to individuals in your office, even if they are not your patients (i.e. parents and guardians).
  - Assessing booster status at each patient visit.
  - Offering boosters when patients are in your office, regardless of potential vaccine waste.

# Boosters – 16 and 17 year old eligibility

16 and 17-year-olds are eligible for a Pfizer booster as of December 9

- [Coronavirus \(COVID-19\) Update: FDA Expands Eligibility for Pfizer-BioNTech COVID-19 Booster Dose to 16- and 17-Year-Olds | FDA](#)
- [CDC Expands COVID-19 Booster Recommendations to 16-and-17-year-olds | CDC Online Newsroom | CDC](#)
- As of December 7, 74% of 16 and 17-year-olds in Vermont have completed their primary series (10,364 individuals).

The CDC recommends that anyone 16 years and older receive a booster.

- Pfizer - 16 years and older, 6 months following the primary series
- Moderna - 18 years and older, 6 months following the primary series
- Janssen - 18 years and older, 2 months following the primary series
- For people 18 years and older, you may provide any authorized COVID-19 vaccines as a booster. For 16 and 17-year-olds, only a Pfizer booster is approved.

[COVID-19 Vaccine Booster Shots | CDC](#)

[Interim Clinical Considerations for Use of COVID-19 Vaccines | CDC](#)



# Additional (3<sup>rd</sup>) dose vs. Booster dose

Additional (3<sup>rd</sup>) doses are not boosters.

## Additional

[Moderately to severely immunocompromised people](#) who are **12 years and older and received a Pfizer-BioNTech** primary series or **18 years and older and received a Moderna** primary series should receive an additional (3<sup>rd</sup>) primary dose of the **same vaccine** at least 28 days after their second dose.

## Boosters

- People who are 18 years of age and older and received a Pfizer-BioNTech or Moderna primary series are **also eligible for a booster dose** at least 6 months **after their additional (3<sup>rd</sup>) primary dose**, using **any of the three COVID-19 vaccines**.
- Immunocompromised people who received a J&J/Janssen vaccine are not recommended to receive an additional primary dose, but should receive a booster dose 2 months after completion of the 1-dose series, using any of the three COVID-19 vaccines

Eligible For	IF YOU RECEIVED <b>Pfizer-BioNTech</b>	IF YOU RECEIVED <b>Moderna</b>	IF YOU RECEIVED <b>Johnson &amp; Johnson's Janssen</b>
<b>Additional Primary Shot</b>	<p>People <b>age 12+</b> who are moderately or severely immunocompromised <b>should</b> get an additional primary shot of Pfizer-BioNTech COVID-19 vaccine</p> <p>Given 28 days after 2<sup>nd</sup> shot</p>	<p>People <b>age 18+</b> who are moderately or severely immunocompromised <b>should get</b> an additional primary shot of Moderna COVID-19 vaccine</p> <p>Given 28 days after 2<sup>nd</sup> shot</p>	<p>No additional primary shot is recommended at this time</p>
<b>Booster Shot</b>	<ul style="list-style-type: none"> <li>• Teens <b>ages 16–17</b> can get a Pfizer-BioNTech COVID-19 vaccine booster shot</li> <li>• People <b>age 18+</b> should get a <a href="#">booster shot</a> of any of the COVID-19 vaccines authorized in the United States</li> </ul> <p>Given 6 months after additional primary shot</p>	<p>People <b>age 18+</b> should get a <a href="#">booster shot</a> of any of the COVID-19 vaccines authorized in the United States</p> <p>Given 6 months after additional primary shot</p>	<p>People <b>age 18+</b> should get a <a href="#">booster shot</a> of any of the COVID-19 vaccines authorized in the United States</p> <p>Given 2 months after 1<sup>st</sup> shot</p>




[COVID-19 Vaccines for Moderately or Severely Immunocompromised People | CDC](#)

# Pfizer vaccine transitioning

Transition will not occur until **January**. More communication and resources on this will be available in the coming weeks.

- Gray Cap – will replace the Purple Cap for those 12 years and older
- It will not require a diluent
- 6 dose vials (still unknown when single-dose vials/prefilled syringes will be available)
- Will be good in the fridge for 10 weeks
- Reduced ordering quantity direct from Distributor (50 vials/300 doses)
- Vaccine Depot will still deliver smaller quantities

# Pfizer BioNTech COVID-19 Vaccine: Product Characteristics

Description	<i>Dilute Before Use</i>	<i>Do Not Dilute</i>	<i>Dilute Before Use</i>
Age Group	12 years and older	12 years and older	5 through 11 years
Vial Cap Color and Label with Color Border	<b>PURPLE</b> 	<b>GRAY</b> 	<b>ORANGE</b> 
Dose	<b>30 mcg</b>	<b>30 mcg</b>	<b>10 mcg</b>
Dose Volume	0.3 mL	0.3 mL	0.2 mL
Amount of Diluent* Needed per Vial	1.8 mL	<b>NO DILUTION</b>	1.3 mL
Doses per Vial	6 doses per vial (after dilution)	6 doses per vial	10 doses per vial (after dilution)
<b>Storage Conditions</b>			
<b>ULT Freezer</b> (-90°C to -60°C)	9 months**	6 months***	6 months***
<b>Freezer</b> (-25°C to -15°C)	2 weeks	<b>DO NOT STORE</b>	<b>DO NOT STORE</b>
<b>Refrigerator</b> (2°C to 8°C)	1 month	10 weeks	10 weeks
<b>Room Temperature</b> (8°C to 25°C)	2 hours prior to dilution (including any thaw time)	12 hours prior to first puncture (including any thaw time)	12 hours prior to first puncture (including any thaw time)
<b>After First Puncture</b> (2°C to 25°C)	Discard after 6 hours	Discard after 12 hours	Discard after 12 hours

# Pfizer Training

Pfizer Vaccines US Medical Affairs hosts **daily** Medical Updates & Immunization Site Training for All Healthcare Providers.

In addition to medical updates, sessions will focus on vaccine storage, handling, and administration of vaccines all three vaccine formulations: Adult Pfizer (purple cap, dilute), Adult Pfizer (gray cap, do not dilute), Pediatric Pfizer (orange cap, dilute)

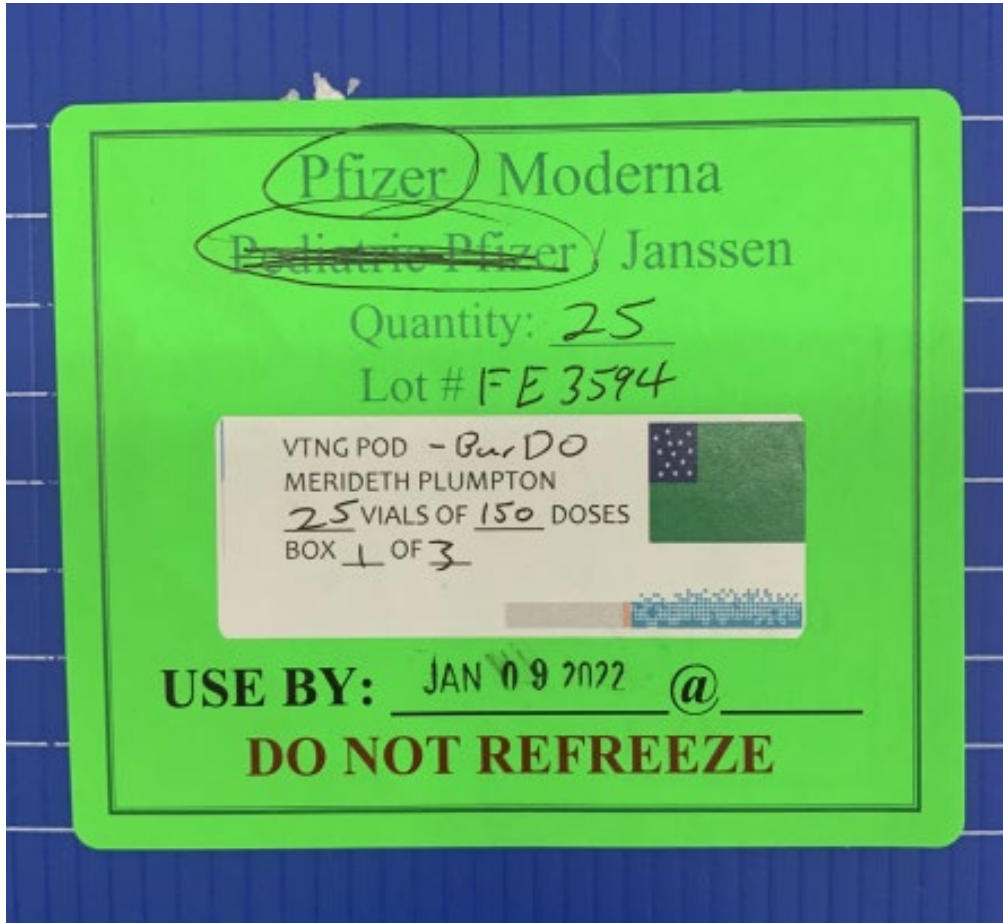
These sessions will be updated to reflect new information and changes that evolve. Updates will be identified at the start of each session and explained during each presentation.

For a list of training sessions, including links and instructions for registration, visit the [Pfizer training website - https://www.pfizermedicalinformation.com/en-us/medical-updates](https://www.pfizermedicalinformation.com/en-us/medical-updates)

# Common Vaccine Errors

- Administration of Pfizer vaccine without the diluent
- Administration after the Beyond Use Date / Time has passed
- Administration after improper storage temperatures
- Wrong formulation used for the age (Pediatric Pfizer given to adults, Moderna given to those under 18 years old)
- Improper documentation leads to confusion regarding 2<sup>nd</sup> doses or boosters.

# Documentation with Depot Deliveries



**Vaccine Transport Temperature Log: Pfizer Vaccine** VERMONT

(Refrigerator temperature. DO NOT REFREEZE.)

Record below:

Monitor at the following times	TIME	Circle one	TEMPERATURE	INITIALS	ALARM DISPLAYED
Time vaccine was placed inside the vaccine carrier	0845	AM / PM	°C		Y / N
At delivery location 1		AM / PM	°C		Y / N
At delivery location 2		AM / PM	°C		Y / N
At delivery location 3		AM / PM	°C		Y / N
At delivery location 4		AM / PM	°C		Y / N
<b>Must use vaccine by this date and time</b> 31 days (744 hours or 1 month) after vaccine was removed from ultracold storage and transferred to refrigerator temperature				<b>Date</b> JAN 09 2022	<b>Time</b> 0845

# Beyond Use Date/Time

## Expiration Date

- Associated with a specific lot number and might be extended as new data is obtained.
- Dates presented on the manufacture box/vial may not be accurate. Any change is reflected in VIMS.
- **NOTE: The date reflected on the Pfizer pediatric vial is the **Manufacture** date. NOT the expiration. Add 6 months to this date.**

## Beyond Use Date

- Each vaccine has its own storage parameters. Check before storing at your practice. All vaccine coming from the Depot should be placed in refrigerated temperatures.
- When Pfizer vaccine is moved out of ultracold freezer storage and into refrigerated temperatures, it has a Beyond Use Date that should be documented clearly.
- ***Tracking and adherence to a Beyond Use Date is the practice's responsibility and will not be reflected in VIMS.***

## Beyond Use Time

- All COVID-19 vaccines have Beyond Use Times associated with dilution/vial puncture, after which the vaccine must be disposed of.



# Expiration and BUD

- **12+ Pfizer-BioNTech (purple cap)**
  - **Pfizer BUD:** Pfizer-BioNTech COVID-19 Vaccine can be stored in the refrigerator between 2° C and 8° C for up to 1 month (31 days.)
  - Pfizer expiration dates are **found in the VIMS system**. Pfizer does not have an online tool.
- **5 though 11 Pfizer-BioNTech (orange cap)**
  - **Pfizer BUD:** Pfizer-BioNTech COVID-19 Vaccine can be stored in the refrigerator between 2° C and 8° C for up to 10 weeks
  - These vials have the MANUFACTURE date not expiration date printed on them
  - Pfizer expiration dates are **found in the VIMS system**. Pfizer does not have an online tool.
- **Moderna**
  - **Moderna BUD:** Moderna COVID-19 vaccine may be stored in the refrigerator between 2° C and 8° C for up to 30 days. If direct shipped, Moderna may be stored in the freezer through expiration.
  - Moderna expiration look up site: <https://www.modernatx.com/covid19vaccine-eua/providers/vial-lookup>
- **Janssen**
  - Janssen permanent storage is in the refrigerator and so BUD does not apply.
  - Janssen expiration look up site: <https://www.janssencovid19vaccine.com/hcp/check-expiration.html>

# General ordering guidance

- Please place only one COVID-19 order in VIMS per week
  - If *all* minimum quantities for direct shipments are met (Janssen/Moderna/Pedi Pfizer – 100 doses, or adult/adol Pfizer – 1170 doses) place a distributor only order.
  - If *any* minimum quantities are not met, place only a depot request order for all vaccine types and we will adjust to distributor orders where appropriate – VIMS will not allow both types of orders to be placed – do not place one and wait for the queue to clear to place a second order)
- The ordering cutoff to receive non-COVID-19 vaccine orders in December was **December 10**. Any orders placed this week will not ship until January.
- Any adult flu vaccine not ordered in December will be used in community clinic settings.
- If you need additional non-COVID-19 vaccine in your office in Dec, reach out to [AHS.VDHImmuneProgram@vermont.gov](mailto:AHS.VDHImmuneProgram@vermont.gov) as soon as possible.

# IZ trainings

## Training Slides

IZ Program COVID-19 Pediatric Pfizer Training for 5 through 11-year approval:

Video: <https://youtu.be/VoNx6kdVxSI>

Slides: [IZ Program Pediatric Pfizer Training 11.09.2021 \(healthvermont.gov\)](#)

IZ Program COVID-19 Booster Dose Training:

Video: <https://youtu.be/Fm21pH8PX5Q>

Slides: [IZ Program Booster Dose Training 10.28.2021 \(healthvermont.gov\)](#)

# Assessing patient need and clinic planning

- As your patients continue to get vaccinated at community clinics, utilize the IMR reporting tools to help inform outreach and vaccine need.
  - [Patients who have NOT received any COVID-19 doses](#) | VDH IMR:
  - [Patients who have missed/are late for a second COVID-19 dose](#) | VDH IMR:
  - [Patients who HAVE received a COVID-19 dose](#) | VDH IMR:
- We recommend prioritizing your children and youth with special health needs (CYSHN) patients in the early administration of your pediatric vaccine.
- When vaccine is available to you, please consider coadministration with other pediatric vaccines and flu.
- [Waste guidance](#) has not changed. Be thoughtful with planning, but do not turn anyone away.

# Coadministration of Flu and COVID-19

You may administer COVID-19 and influenza vaccines (both live, attenuated and non-live influenza vaccines) without regard to timing (on the same day or within any time interval). There are no safety concerns for coadministration.

Refer to [the CDC's Interim Clinical Considerations](#) for more information

[Fight the flu and COVID-19 too: influenza vaccination in December and beyond and practical approaches to coadministration of vaccines in adults](#) | IAC Webinar, December 9 from 1:00 to 2:00 pm

## Objectives:

- Discuss CDC's new influenza surveillance tool, the Weekly National Influenza (Flu) Vaccination Dashboard and review this season's vaccination coverage to date
- Describe the science of the safety and effectiveness of co-administering vaccines, featuring basic immunology you should understand to answer recipients' questions confidently
- Detail practical techniques for administering multiple shots to an adult, including how to deliver two vaccines in one deltoid, which vaccines should be given in separate limbs if possible, and use of the anterolateral thigh as an injection site

# Vermont Immunization Registry: Vaccine Names and CPT/CVX Codes

A list that matches the vaccine names or codes in the Vermont Immunization Registry with the brand name/common names. Intended as a tool to guide accurate vaccine reporting for practices and organizations sending data from electronic medical records. For questions, contact Immunization Registry Manager at (802) 951-4094.

Vaccine Trade Name or Common Trade Name	Best IMR Selection	Manufacturer	CVX Code	CPT Code
<b>COVID-19 Vaccines</b>				
Moderna COVID-19 Vaccine <sup>®</sup>	COVID-19, mRNA LNP-S, PF, Moderna	Moderna	207	91301
Pfizer COVID-19 Vaccine <sup>®</sup>	COVID-19, mRNA LNP-S, PF, Pfizer	Pfizer	208	91300
Janssen COVID-19 Vaccine <sup>®</sup>	COVID-19 vaccine, vector-nr, Janssen	Janssen	212	91303
<b>Pfizer COVID-19 Vaccine for 5-11 yrs<sup>®</sup></b>	<b>COVID-19, mRNA, Pfizer (5-11 years)</b>	<b>Pfizer</b>	<b>218</b>	<b>91307</b>

- Please make sure you are reporting the correct CVX code for the vaccine administered.
- As new EUA's are issued, up to date CVX codes can be found on the IMR website under user support:
  - [Vermont Immunization Registry Vaccine Names and Codes \(healthvermont.gov\)](https://healthvermont.gov)