# Fall 2023 COVID-19 Vaccination Updates and Other Timely Fall Vaccination Updates

October 4, 2023









#### Objectives



- Describe the impact of COVID-19 and RSV in West Virginia;
- State the CDC's recommendations for 2023-2024 COVID-19 vaccination;
- Describe clinical considerations for administering the updated COVID-19 vaccines;
- Identify steps for obtaining state-supplied COVID-19 and RSV immunizations; and
- Understand and apply data-driven communication strategies for communicating with the public to boost COVID-19 vaccination confidence.



# COVID-19 & RSV Disease Burden in WV

State Epidemiologist Shannon McBee



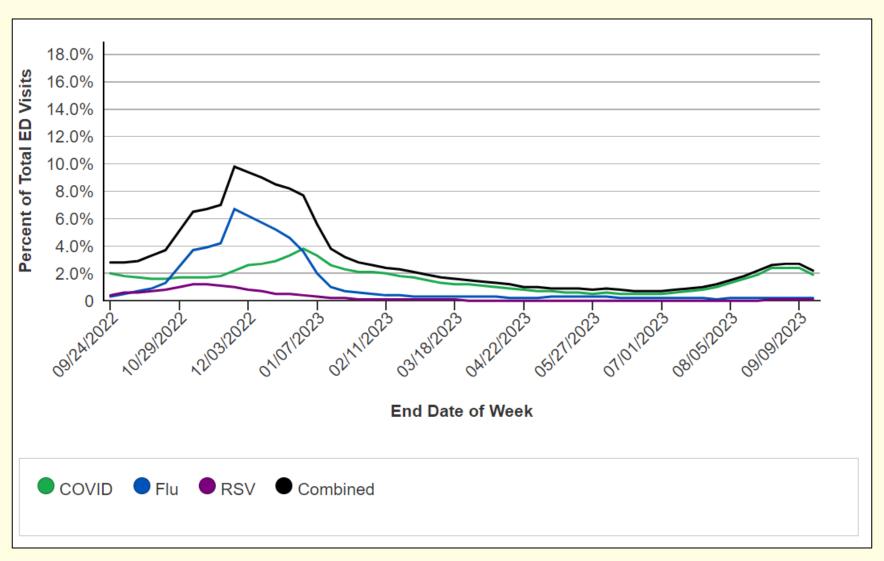
#### Respiratory Season Outlook



- Along with influenza virus (flu), and respiratory syncytial virus (RSV),
   COVID-19 has become part of the respiratory season.
- First season we will have a vaccine for all three major viruses.
- Fall and winter are a time when viruses that cause respiratory disease circulate more heavily in the community.
- Some people have mild illness when they get sick with these viruses, while others can get sick enough to be hospitalized.
- Some respiratory seasons are more severe than others based on strains of the virus circulating and immunity.

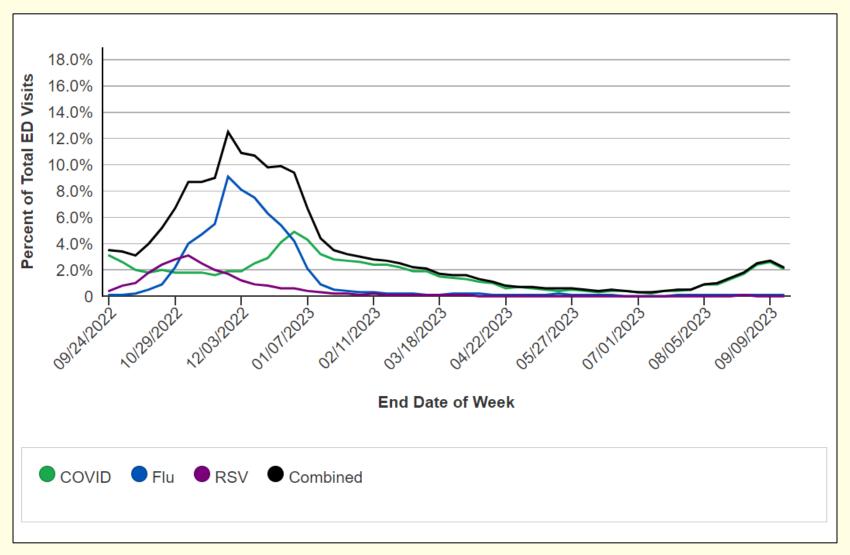
#### Respiratory Virus Activity in US





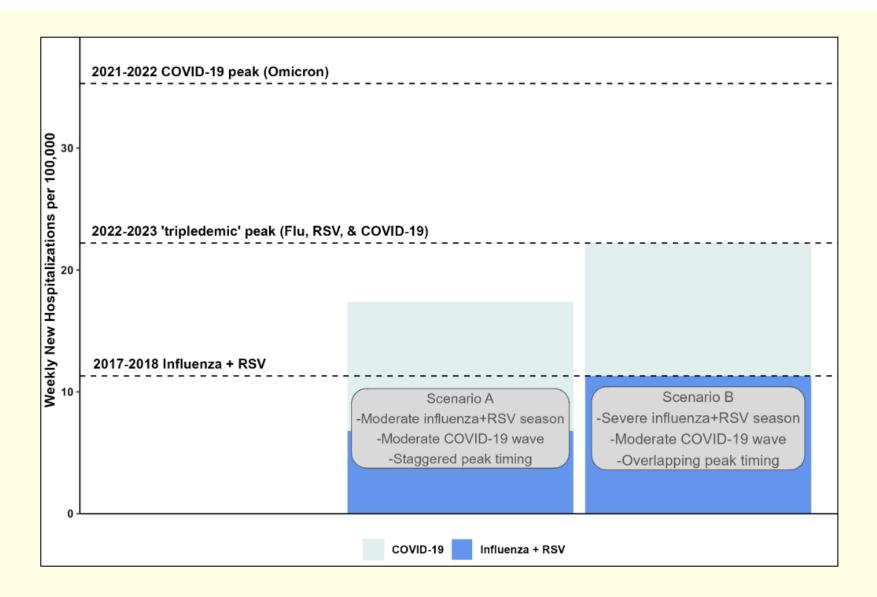
#### Respiratory Activity in WV





#### Respiratory Season Forecasting







# Updated CDC Recommendations & Clinical Considerations for COVID-19 Vaccination

+ Brief Update on RSV Vaccination in Pregnant People

Dr. Krista Capehart & Dr. Lisa Costello





# Respiratory Syncytial Virus (RSV) Vaccine for Pregnant People





## Respiratory syncytial virus (RSV) vaccine for pregnant people

- Pregnant people should get a single dose of Pfizer's bivalent RSVpreF vaccine (Abrysvo) during weeks 32 through 36 of pregnancy typically during Sep. through Jan. in the continental US
- To prevent severe RSV disease in infants, either maternal RSV vaccination or infant immunization with RSV monoclonal antibody is recommended
- Most infants will not need both
- CDC recommends one dose of Pfizer's bivalent RSVpreF vaccine (Abrysvo) during RSV season for people who are 32 through 36 weeks pregnant. (usually Sep. through Jan., but can vary by jurisdiction)



#### + RSVpreF vaccine (Abrysvo, Pfizer)

- Consists of a recombinant RSV F protein antigen (based on both the RSV-A and RSV-B subtypes)
- A single-dose vial of 120 µg of lyophilized preF antigen component (60 µg from RSV-A, 60 µg from RSV-B) to be reconstituted with the accompanying vial of sterile water diluent component
- Pfizer's vaccine is supplied in a kit with three components: (1) Vial of Lyophilized Antigen Component (a sterile white powder); (2) Prefilled syringe containing Sterile Water Diluent Component; (3) Vial adapter: Refer to the manufacturer's package insert for specific instructions on reconstituting the vaccine: Package Insert – ABRYSVO (fda.gov)
- Before reconstitution: Store vaccine and diluent refrigerated between 2°C and 8°C (36°F and 46°F) in original packaging
- After reconstitution: Immediately administer the vaccine; prepare the vaccine only when ready for use.
- However, **IF** you do not immediately administer the vaccine: Store the reconstituted vaccine ONLY at room temperature (15°C to 30°C / 59°F to 86°F) and do NOT refrigerate
- Once you've reconstituted the vaccine, you have 4 hours to use the vaccine before it must be discarded





- Administration: intramuscular injection in the deltoid
- Sufficient evidence does not exist at this time to determine the need for additional doses in subsequent pregnancies.
- Pregnant people can receive RSV, Tdap, COVID-19, and influenza vaccines at the same clinic visit when the vaccines are recommended.
- Contraindication: history of severe allergic reaction, such as anaphylaxis, to any component of this vaccine
- Precaution: Moderate or severe acute illness, with or without fever, vaccination should generally be deferred until the patient improves

VACCINATE.WV.GOV #CommunityImmunityWV Healthcare Providers: RSV Vaccination for Pregnant People <a href="https://www.cdc.gov/vaccines/vpd/rsv/hcp/pregnant-people.html#:~:text=CDC%20recommends%20one%20dose%20of,32%20through%2036%20weeks%20pregnant">https://www.cdc.gov/vaccines/vpd/rsv/hcp/pregnant-people.html#:~:text=CDC%20recommends%20one%20dose%20of,32%20through%2036%20weeks%20pregnant</a>.



### + Efficacy of RSVpreF vaccine (Abrysvo, Pfizer)



#### **Maternal RSV vaccine:**

- reduced the risk of the baby being hospitalized for RSV by 68% and having a healthcare visit for RSV by 57% within 3 months after birth
- Reduced the risk of the baby being hospitalized for RSV by 57% and having a healthcare visit for RSV by 51% within 6 months after birth
- reduced the risk of severe RSV disease by 82% within 3 months and by 69% within 6 months after birth







For more on RSV and related topics, see the archived webinar on "Surveillance and Prevention of Influenza and Other Respiratory Viruses" (Sep. 12, 2023)

https://wvruralhealth.org/event/11806/





# 2023-2024 Updated COVID-19 Shots





## **COVID-19 Vaccines Approved/Authorized** for 2023-2024 Season: Overview



- FDA approved, ACIP voted, and CDC recommended Pfizer-BioNtech and Moderna 2023-2024 Updated COVID-19 Vaccine (Monovalent) for ages 6 months and up
  - As of Monday, Sep. 11, 2023 the <u>bivalent</u> COVID-19 vaccines were no longer authorized for use in the U.S



- Yesterday, FDA amended the emergency use authorization (EUA) of the Novavax COVID-19 Vaccine, Adjuvanted for use in ages **12 years and older** to include the 2023-2024 formula
  - As of Tuesday, Oct. 3, 2023 the **original monovalent** form of Novavax is **no longer permitted for use** in the United States.

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# Pfizer-BioNTech & Moderna 2023-2024 Updated COVID-19 Shots



### +Formulations and Dosing for Pfizer-BioNTech



3 new approved/authorized Pfizer-BioNTech 2023/2023 products



Pfizer BioNTech 2023/2024 for ages 6 months-4 years



Pfizer **BioNTech** 2023/2024 for ages 5-11 years



Pfizer BioNTech 2023/2024 for ages 12 years and up





### +Formulations and Dosing for Moderna



#### 2 new approved/authorized Moderna products



Moderna 2023/2024 for ages 6 months - 11 years



Moderna 2023/2024 for ages 12 years and up





## + Pfizer BioNTech - Supply & Storage

	Pfizer BioNTech 2023/2024 for ages 6 months- 4 years	Pfizer BioNTech 2023/2024 for ages 5-11 years	Pfizer BioNTech 2023/2024 for ages 12 years and up
How supplied	MDV (3 doses); 10 vials; dose 0.3mL	SDV; 10 vials/carton; dose is 0.3mL	SDV; 10 vials/carton; dose is 0.3mLSD prefilled syringes; 10 syringes/carton; dose is 0.3mL
Storage	Arrive Ultra cold; Can immediately transfer to ultra cold. Can be placed in refrigerator 2°C to 8°C (35°F to 46°F) and stored up to 10 weeks.  Vials at may be stored at room temperature for 12 hours. MDV must be discarded 12 hours after dilution.	Arrive Ultra cold; Can immediately transfer to ultra cold. Can be placed in refrigerator 2°C to 8°C (35°F to 46°F) and stored up to 10 weeks.  Vials at may be stored at room temperature for 12 hours.	Arrive Ultra cold; Can immediately transfer to ultra cold. Can be placed in refrigerator 2°C to 8°C (35°F to 46°F) and stored up to 10 weeks.  Vials at may be stored at room temperature for 12 hours. The prefilled syringes must be used within 4 hours of placing needle.
Dilution?	Yes	No	No

## + Moderna- Supply & Storage

	Moderna 2023/2024 for ages 6 months- 11 years	Moderna 2023/2024 for ages 12 years and up
How supplied	SDV; 10 vials/carton; dose is 0.25mL	MDV (5 doses/vial); 10 vials/carton; SDV; 10 vials/carton; dose is 0.5mL; SD prefilled syringes; 10 syringes/carton; dose is 0.5mL
Storage	Store frozen between -50°C to -15°C (-58°F to 5°F). Vials may be stored refrigerated between 2°C to 8°C (36°F to 46°F) for up to 30 days prior to first use. Vials may be stored between 8°C to 25°C (46°F to 77°F) for a total of 24 hours.	Store frozen between -50°C to -15°C (-58°F to 5°F) MDV: Vials may be stored refrigerated beVials may be stored refrigerated between 2°C to 8°C (36°F to 46°F) for up to 30 days prior to use. Between 2°C to 8°C (36°F to 46°F) for up to 30 days prior to first use. Discard 12 hours after the first puncture. Vials may be stored between 8°C to 25°C (46°F to 77°F) for a total of 24 hours. Discard 12 hours after the first puncture. SDV: Vials may be stored refrigerated between 2°C to 8°C (36°F to 46°F) for up to 30 days prior to use. Vials may be stored between 8°C to 25°C (46°F to 77°F) for a total of 24 hours
Dilution?	No	No

https://assets.modernatx.com/m/2cbca14044aa8fa5/original/FPI-0718 Moderna-COVID-19-Vaccine-2023-2024-Formula-Fact-Sheet-for-Vaccine-Providers-6m-11y-US-English.pdf https://assets.modernatx.com/m/7ce607d0bf1f0e20/original/FPI-0717 Spikevax-2023-2024-Formula-Prescribing-Information-PI-12y-US-English.pdf



## Prep and Admin of the Pfizer BioNTech 2023/2024 for ages 6mo-4y



- Dilute prior to use:
  - Add 1.1 mL of sterile 0.9% Sodium Chloride Injection, USP into the vaccine vial
  - Before removing the needle from the vial, equalize vial pressure by withdrawing air into the empty diluent syringe
  - Record the date and time of dilution on the vial label
  - Store at 2°C to 25°C (35°F to 77°F) and discard after 12 hours
- After dilution, multiple-dose vials contain 3 doses of 0.3 mL each
- If the amount of vaccine in the vial cannot provide a full dose of 0.3 mL, discard the vial and any excess volume. Do not pool excess vaccine from multiple vials

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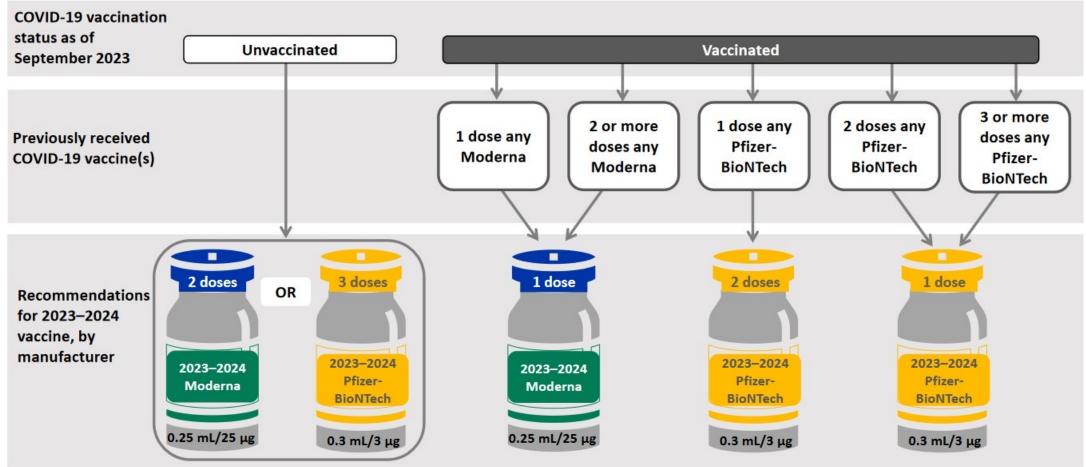


## Recs for Children ages 6 mo-4y NOT immunocompromised

- Initial series of 2 Moderna vaccine doses OR 3 Pfizer-BioNTech vaccine doses
- At least 1 dose of the 2023-2024 updated COVID-19 vaccine
- All doses should be from the same manufacturer
- All Moderna doses are now 25mcg for this age group



### +Ages 6mo-4y NOT immunocompromised





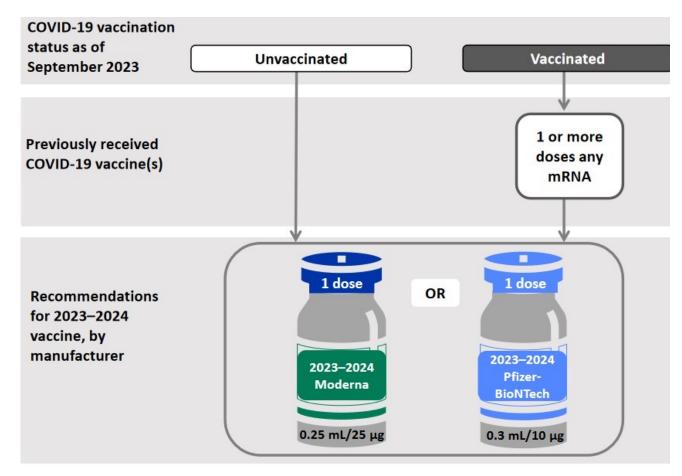


## +Ages 5+ years NOT immunocompromised

- One 2023-2024 updated COVID-19 shot, regardless of prior vaccination history
- The 2023–2024 updated COVID-19 shot is recommended at least 2 months after receipt of the last COVID-19 vaccine dose
- All Moderna doses in ages 6 months 11 years are now 25 μcg



#### + Ages 5y-11y NOT immunocompromised

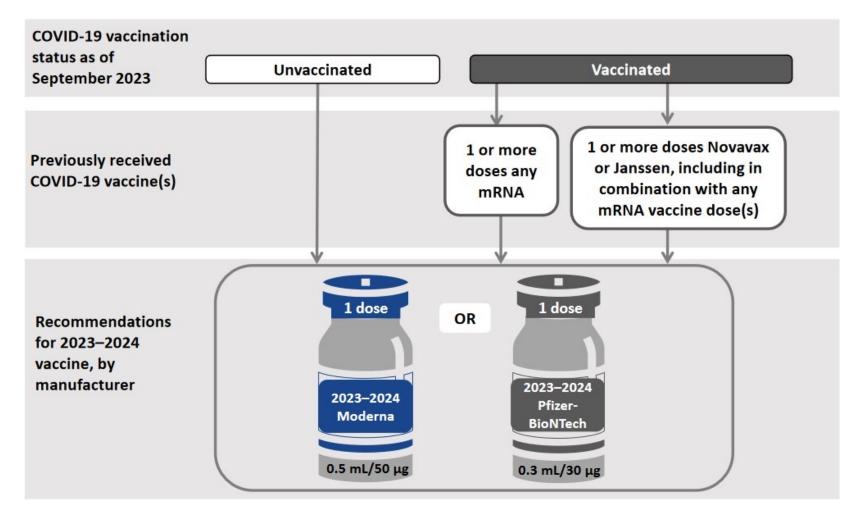








#### + Ages 12+ years NOT immunocompromised



Information-PI-12v-US-English.pdf









#### Recs for Ages 6mo-4y Who ARE Immunocompromised

#### Individuals 6 Months Through 4 Years of Age by Pfizer-BioNTech COVID-19 Vaccination Status

Pfizer-BioNTec					
	h COVID-19				
	Vaccine,				
Number of	(2023-2024				
Previous Doses of		Pfizer-BioNTech COVID-19			
Pfizer-BioNTech	Vial Cap and	Vaccine (2023-2024 Formula)			
COVID-19	Label Border	Dosing Regimen, Dose and			
vaccine(s) <sup>a</sup>	Color	Schedule <sup>b</sup>			
20 20 00		3 dosesd, 0.3 mL each			
		Dose 1: Week 0			
0c	Yellow	Dose 2: Week 3			
		Dose 3: ≥8 weeks after			
		Dose 2			
		2 doses <sup>d</sup> , 0.3 mL each			
		Dose 1: 3 weeks after			
		receipt of the previous dose			
1	Yellow	of Pfizer-BioNTech			
		COVID-19 vaccine <sup>a</sup>			
		Dose 2: ≥8 weeks after			
		Dose 1			
		Single dose, 0.3 mL			
0.4		≥8 weeks after receipt of the			
2 to 4	Yellow	last previous dose of			
		Pfizer-BioNTech COVID-19			
		vaccine <sup>a</sup>			

a. Previous doses of Pfizer-BioNTech COVID-19 vaccine(s) refers to doses with Pfizer-BioNTech COVID-19 Vaccine (Original monovalent) and Pfizer-BioNTech COVID-19 Vaccine, Bivalent (Original and

Individuals 6 Months Through 4 Years of Age by Moderna COVID-19 Vaccination Status (2.3)

Number of Previous Doses of Moderna COVID-19 Vaccine(s) <sup>a</sup>	Moderna COVID-19 Vaccine (2023-2024 Formula) Dosing Regimen, Dose and Schedule <sup>b</sup>
0°	2 doses, <sup>d</sup> 0.25 mL each Dose 1: month 0 Dose 2: month 1
1	Single Dose, 0.25 mL  One month after receipt of a previous dose of Moderna COVID-19 vaccine <sup>a</sup>
≥2	Single dose, 0.25 mL ≥2 months after receipt of the last previous dose of Moderna COVID-19 vaccine <sup>a</sup>

<sup>&</sup>lt;sup>a</sup> Previous dose(s) of Moderna COVID-19 vaccine(s) refers to Moderna COVID-19 Vaccine (Original monovalent) and Moderna COVID-19 Vaccine, Bivalent (Original and Omicron BA.4/BA.5). These vaccines are no longer authorized for use in the United States.



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c. Not previously vaccinated with any COVID-19 vaccine.

d. For individuals turning from 4 to 5 years of age during the vaccination series, administer all doses with Pfizer-BioNTech COVID-19 Vaccine (2023-2024 Formula) supplied in vials with yellow caps and labels with yellow borders.

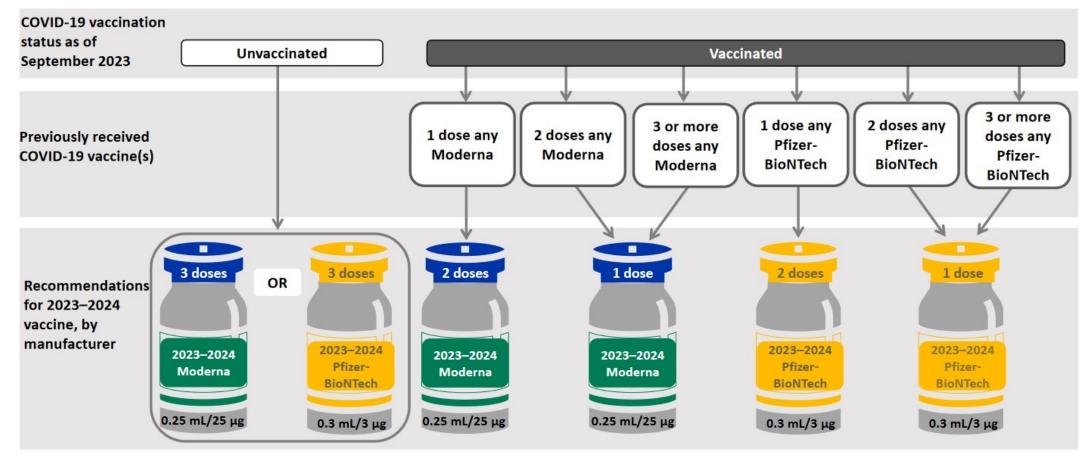
b For individuals with certain kinds of immunocompromise previously vaccinated with a Moderna COVID-19 vaccine, see text following the tables for dosing information.

<sup>&</sup>lt;sup>c</sup> Not previously vaccinated with any COVID-19 vaccine.

d Individuals turning from 4 years to 5 years of age during the vaccination series should receive both doses with Moderna COVID-19 Vaccine (2023-2024 Formula).



#### Recs for Ages 6mo-4y Who ARE Immunocompromised









#### Recs for Ages 5y-11y Who ARE Immunocompromised

#### Individuals 5 Years Through 11 years of Age Irrespective of **COVID-19 Vaccination Status**

Pfizer-BioNTech COVID-19 Vaccine (2023-2024 Formula) Vial Cap and Label Border Color	Pfizer-BioNTech COVID-19 Vaccine (2023-2024 Formula) Dosing Regimen, Dose and Schedule <sup>a</sup>
Blue	Single dose, 0.3 mL If previously vaccinated, ≥2 months after receipt of the last previous dose of COVID-19 vaccine <sup>b</sup>

- a. For individuals with certain kinds of immunocompromise, see text below tables for dosing information.
- b. COVID-19 vaccine refers to the monovalent COVID-19 vaccines that encode the spike protein of the original SARS-CoV-2 and the bivalent COVID-19 vaccines encoding the spike protein of original SARS-CoV-2 and of the Omicron variant lineages BA.4 and BA.5 that are no longer authorized for use in the United States.

#### Individuals with Certain Kinds of Immunocompromise

Individuals 6 months through 11 years of age with certain kinds of immunocompromise should complete at least a 3-dose series with an age-appropriate dose and dosing schedule of a COVID-19 vaccine. At least 1 dose should be with a COVID-19 vaccine (2023-2024 Formula). Certain kinds of immunocompromise refers to individuals who have undergone solid organ transplantation, or who are diagnosed with conditions that are considered to have an equivalent level of immunocompromise. (2.3)

Individuals 5 Years Through 11 Years of Age Irrespective of COVID-19 Vaccination Status (2.3)

Moderna COVID-19 Vaccine (2023-2024 Formula) Dosing Regimen, Dose and Schedule<sup>a</sup>

Single dose, 0.25 mL

If previously vaccinated, ≥2 months after receipt of the last previous dose of COVID-19 vaccine<sup>a,b</sup>

#### Individuals with Certain Kinds of Immunocompromise

Individuals with certain kinds of immunocompromise 6 months through 11 years of age should complete at least a three-dose series with a COVID-19 vaccine, each dose one month apart. At least 1 dose should be with a COVID-19 vaccine (2023-2024 Formula). Certain kinds of immunocompromise refers to individuals who have undergone solid organ transplantation, or who are diagnosed with conditions that are considered to have an equivalent level of immunocompromise. (2.3)



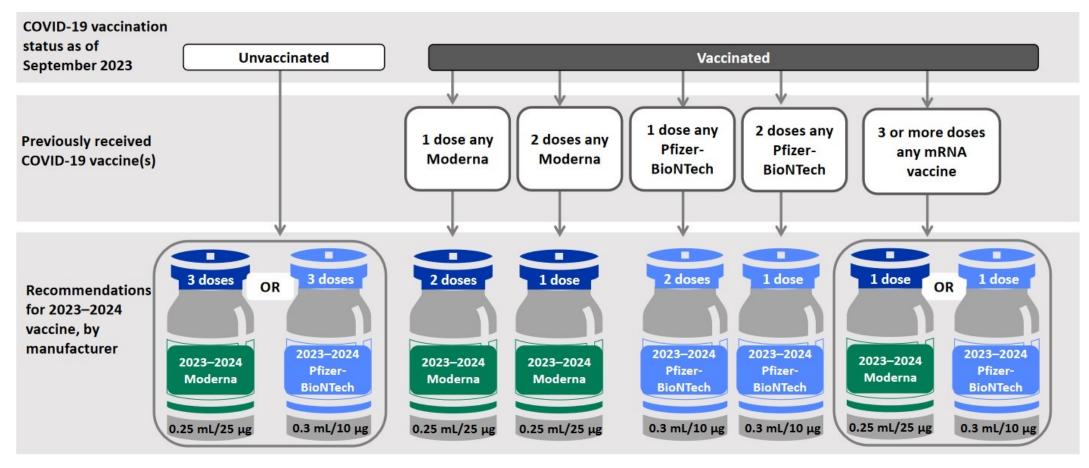


<sup>&</sup>lt;sup>a</sup> For individuals with certain kinds of immunocompromise, see text below tables for further dosing information.

<sup>&</sup>lt;sup>b</sup> COVID-19 vaccine refers to the monovalent COVID-19 vaccines that encode the spike protein of the original SARS-CoV-2 and the bivalent COVID-19 vaccines encoding the spike protein of original SARS-CoV-2 and of the Omicron variant lineages BA.4 and BA.5 that are no longer authorized for use in the United States.



#### + Recs for Ages 5y-11y Who ARE Immunocompromised









#### Recs for ages 12y+ Who ARE immunocompromised

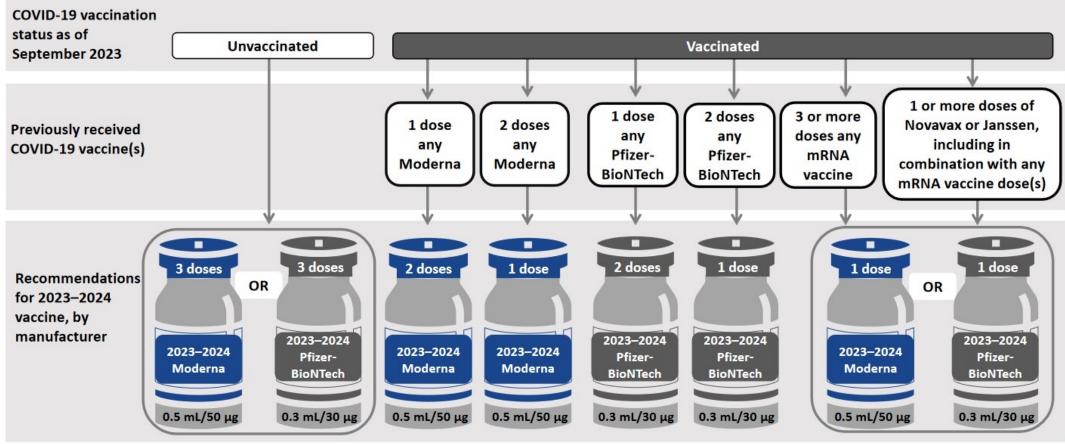
- Receive an initial COVID-19 vaccine series\*
- At least one 2023–2024 updated COVID-19 shot
- May receive 1 or more additional 2023-2024 mRNA COVID-19 vaccine dose(s)\*\*

\*Series of 3 homologous mRNA COVID-19 vaccine doses at time of initial vaccination. This could also include a history of receipt of 1 or more doses of Novavax or Janssen, including in combination with mRNA vaccine dose(s).

\*\*Further additional dose(s) may be administered, informed by the clinical judgement of a healthcare provider and personal preference and circumstances. Further additional doses should be administered at least 2 months after the last 2023-2024 COVID-19 vaccine dose



#### Recs for Ages 12y+ Who ARE immunocompromised





https://www.cdc.gov/vaccines/acip/meetings/downloads/slides-2023-09-12/11-COVID-Wallace-508.pdf https://www.fda.gov/media/151707/download?attachment

https://assets.modernatx.com/m/7ce607d0bf1f0e20/original/FPI-0717 Spikevax-2023-2024-Formula-

Prescribing-Information-PI-12y-US-English.pdf





## Novavax 2023-2024 Updated COVID-19 Shots





#### → Novavax 2023-2024 Updated COVID-19 Shot

- Oct 3, 2023, FDA amended the EUA for Novavax COVID-19 Vaccine, Adjuvanted for use in ages 12+ years to include the 2023-2024 formula
- Those ages 12 years and older previously vaccinated with a COVID-19 vaccine (and who have not already been vaccinated with a 2023-2024 updated mRNA COVID-19 vaccine) are eligible to receive one dose, and unvaccinated individuals to receive two doses.
- Contains the spike protein from the SARS-CoV-2 omicron variant lineage XBB.1.5
- Original monovalent form of Novavax is no longer permitted in the U.S.





## + Novavax:Supply, Storage, Handling

#### Supply/Doses:

Carton has 2 multidose vials. Each vial has 5 doses (0.5mL each)

#### **Storage & Handling:**

- Storage Unpunctured: refrigerator between 2 to 8°C (36 to 46°F)
- After First Puncture: hold vial between 2 to 25°C (36 to 77°F) for up to 12 hours.
- Discard the vial 12 hours after the first puncture.





## + Novavax: Updated Recommendations



Novavax COVID-19 Vaccine, Adjuvanted (2023-2024 Formula) is authorized for use in individuals 12 years of age and older as follows:

- Individuals previously vaccinated with any COVID-19 vaccine: one dose of Novavax COVID-19 Vaccine, Adjuvanted (2023-2024 Formula) is administered at least 2 months after receipt of the last previous dose of an original monovalent (Original) or bivalent (Original and Omicron BA.4/BA.5) COVID-19 vaccine.
- Individuals not previously vaccinated with any COVID-19 vaccine: two doses of Novavax COVID-19 Vaccine, Adjuvanted (2023-2024 Formula) are administered three weeks apart.
- Immunocompromised individuals: an additional dose of Novavax COVID-19 Vaccine, Adjuvanted (2023-2024 Formula) may be administered at least 2 months following the last dose of a COVID-19 vaccine (2023-2024 Formula). Additional doses of Novavax COVID-19 Vaccine, Adjuvanted (2023-2024 Formula) may be administered at the discretion of the healthcare provider, taking into consideration the individual's clinical circumstances.



# 2023-2024 Updated COVID-19 Shots: Additional Considerations





## **→** What Does It Mean to "Stay Up-To-Date" Now?

### CDC Up-To-Date Definition (note: may change with new Novavax EUA):

- Everyone ages 5 years and older is recommended get one 2023–2024 COVID-19 shot to be up-to-date.
- Children ages 6 months-4 years as well as people who are moderately or severely immunocompromised need multiple doses, including at least one 2023-2024 updated COVID-19 shot, to be up to date.
- People who are moderately to severely immunocompromised may get additional 2023-2024 updated COVID-19 shots.





## **+** Multiple Vaccine Administration



COVID-19 vaccines may be administered without regard to timing of other vaccines. This includes simultaneous administration of COVID-19 vaccine and other vaccines at the same visit or on the same day.

- Providers may simultaneously administer COVID-19, influenza, and respiratory syncytial virus (RSV) vaccines to eligible patients; the Health Alert Network (HAN) published on September 5, 2023 may be consulted for additional information about simultaneous administration of these vaccines
- Simultaneous administration of COVID-19 vaccine and nirsevimab (a long-acting monoclonal antibody for certain infants and young children for prevention of RSV) is recommended
- Coadministration of COVID-19 and RSV vaccine for older adults is acceptable
- There are additional considerations if administering an orthopoxvirus vaccine and COVID-19 vaccine



If multiple vaccines are administered at a single visit, administer each injection in a different injection site, according to recommendations by age.

- Separate injection sites by 1 inch or more
- For older children (≥11 years), the deltoid muscle can be used
- For younger children, if more than 2 vaccines are injected in a single limb, the vastus lateralis muscle of the anterolateral thigh is the preferred site because of greater muscle mass

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## CDC Interim Clinical Considerations



## https://bit.ly/C19CDCClinicalConsids







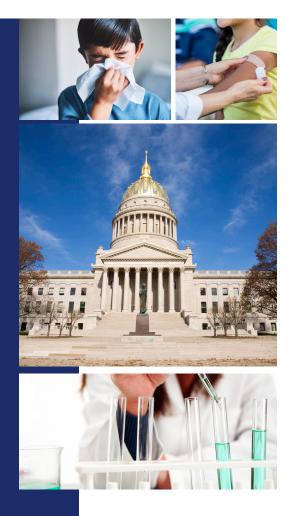
## Procurement of State Supplied COVID-19 and RSV Vaccines

DIS Vaccine Manager Jeff Neccuzi



## State-Supplied 2023-24 COVID-19 Vaccines and RSV Vaccines and Monoclonal Antibodies

Jeff Neccuzi
Vaccine Manager/VFC Coordinator
October 4, 2023





### 2023-24 COVID-19 Vaccines



## The West Virginia Bureau for Public Health will provide 2023-2024 Updated COVID-19 vaccines for the following populations:

- Children enrolled in the Vaccines for Children (VFC) or the Children's Health Insurance Program (CHIP) presenting to any of the 436 VFC-enrolled provider sites.
- Uninsured and underinsured adults presenting to local health departments (LHDs) or community health centers (CHCs) enrolled in the Bridge Access Program (BAP).
- Nearly all LHDs and most CHCs will provide these vaccines to eligible people for the BAP.

### Presentations of 2023-24 COVID-19 Vaccines



#### Moderna

People ages 12 years and older [single dose vials (SDV), 10-pack] Children ages 6 months through 11 years (SDV 10-pack)

### **Pfizer**

People ages 12 years and older (SDV 10-pack)
Children ages 5 years through 11 years (SDV 10-pack)
Children ages 6 months through 4 years
[multi dose vials (MDV3) 30-pack]

### **Novavax** (not yet available)

People ages 12 years and older (MDV5 2-pack)

## Pfizer Vaccine for 6m – 4y



The minimum order size for all state-supplied 2023-2024 Updated COVID-19 vaccines is 10 doses for all presentations except the Pfizer 6m-4y vaccine, which has a 30-dose minimum order size.

The Pfizer vaccine for ages 6m-4y is the only vaccine that requires mixing with diluent and therefore is the only COVID-19 vaccine that will include an ancillary supply kit.

## Ordering of COVID-19 Vaccines



- 2023-24 Updated COVID-19 vaccines are strictly for eligible populations; there is no pediatric or adult safety net for people not eligible that may have extenuating circumstances preventing them from accessing private-source vaccine.
- VFC/CHIP providers may order vaccines from the WVSIIS order set titled PEDIATRIC 2023-24 COVID VACCINES.
- BAP enrolled providers may order vaccines from the WVSIIS order set titled 2023-24 ADULT COVID BRIDGE PROGRAM.

### **RSV Vaccines**



- Two RSV vaccines are licensed for adults 60 years and older, Arexvy (GSK) and Abrysvo (Pfizer).
- Vaccine Information Statement (VIS):

https://www.cdc.gov/vaccines/hcp/vis/vis-statements/rsv.pdf

- The Advisory Committee on Immunization Practices (ACIP) recommends a single dose of either RSV vaccine, based on shared clinical decision making.
  - **Shared clinical decision making** refers to a decision-making process that is individual-based; not a recommendation for all patients.
- RSV vaccines may be co-administered with other vaccines.

## RSV Monoclonal Antibody (Nirsevimab)



- Nirsevimab is a long-acting monoclonal antibody recommended for infants and young children through 19 months of age.
- Nirsevimab is also known by the brand name Beyfortus.
- Nirsevimab may be co-administered with routine childhood vaccines.

### Nirsevimab Recommendations



- The ACIP recommends nirsevimab for <u>all</u> infants aged <8 months who are born during or entering their first RSV season *and* for infants and children aged 8–19 months who are <u>at increased risk</u> for severe RSV disease and are entering their second RSV season.
- Infants born shortly before or during the RSV season should receive nirsevimab within 1 week of birth.

 Optimal timing for nirsevimab administration is shortly before the RSV season begins; however, nirsevimab may be administered to age-eligible infants and children who have not yet received a dose at any time during the season.

## Nirsevimab Dosage and Ordering



- The recommended dosage for infants born during or entering their first RSV season and weighing <5 kg (<11 lb) is 50 mg; for those weighing ≥5 kg (≥11 lb), the recommended dosage is 100 mg.</li>
- The recommended dosage for infants and children aged 8–19 months at increased risk for severe disease entering their second RSV season is 200 mg (2 x 100 mg injections).
- The complete ACIP recommendations on the use of Nirsevimab can be found at <a href="https://www.cdc.gov/mmwr/volumes/72/wr/mm7234a4.htm">https://www.cdc.gov/mmwr/volumes/72/wr/mm7234a4.htm</a>
- Nirsevimab may be ordered through the existing pediatric order sets: ALL,
   ALL W/O VAR, and LHD Pediatric.

### **Contact Information**



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Website: <a href="mailto:dhhr.wv.gov/oeps/immunization">dhhr.wv.gov/oeps/immunization</a>



# Data-driven Communication Strategies and Resources for COVID-19 Vaccination

Dr. Julia Daisy Fraustino





## Public Messaging Considerations to Boost COVID-19 Vaccination Confidence

- Speaking: "Updated COVID-19 Shots" (not bivalent, monovalent – try to avoid "vaccine" with COVID and use "shot" as possible )
- Writing: "2023-2024 Updated COVID-19 Shots"
- Moving toward our more "traditional pathways for getting immunizations" (not commercialization, not privatization)
- Provider recommendation remains essential especially for most vulnerable





## More COVID Messaging Considerations

Why Get an Updated COVID-19 Shot? (unique motivating benefits)

- V
- Updated COVID-19 shots are adapted to provide stronger protection against newer strains of the virus currently circulating in our communities
- V
- Getting an updated COVID-19 shot makes it less likely that you will get really sick, need to go to the hospital, or die, even if you do test positive for the virus
- V
- Staying up-to-date on COVID-19 vaccination reduces your risk of <u>long</u> COVID (especially important point for young adults)



## Help Address Transitions & Answer Questions (e.g., "Are COVID-19 shots still free?" "Where can I get one?")

West Virginians can get 2023-2024 updated COVID-19 shots at the healthcare providers' offices, community health centers, local health departments, or pharmacies that provide COVID-19 immunization (pharmacies may vaccinate ages 3 years and older).

It is advised to **contact** your preferred location to check that they **carry the COVID-19 shot you are eligible for** and that they **accept your form of health insurance or healthcare coverage**.

The process may be different than how you have gotten COVID-19 shots in the past and more like how you've gotten other routine vaccines such as an annual flu shot.

- Most health insurance plans will cover COVID-19 vaccination they could require using an in-network provider, as with other care. Check with your insurance provider.
- People without health insurance or with plans that do not cover the cost may be able to get a free COVID-19 shot from a
  local health department, community health center, or pharmacy that is participating in the federal Bridge Access Program.
- Children eligible for the Vaccines for Children (VFC) Program (which provides vaccines for children 18 years and younger who are uninsured, underinsured, Medicaid-eligible, American Indian, or Alaska Native) may be able to get the shot from a VFC provider. To find a VFC provider in your area, contact your child's healthcare provider or your local health department.



## Have questions about COVID-19 shots?



To view these Frequently Asked Questions and additional resources online, hover over this QR code with your smartphone camera and click on the link that pops up.

**Note:** While the information in this FAQ is current as of the listed date, guidelines are subject to change.

Updated September 26, 2023

#### WHAT IS THE 2023-2024 UPDATED COVID-19 SHOT, AND WHY IS IT NEEDED?

Coronavirus is an ever-changing health threat. Over time, we have gained understanding about the virus and COVID-19 disease prevention. The 2023-2024 updated COVID-19 shots were adapted to provide updated protection against the newer virus strains circulating in our communities. Immunity can decrease over time, and an updated COVID-19 shot reminds our bodies how to recognize the virus and even identify new strains so we can protect ourselves from some of the most serious COVID complications.

If you do get COVID-19, being up-to-date on vaccination prior to getting the virus reduces risk of severe complications, hospitalization, or even death from COVID. Getting an updated COVID-19 shot may also lower the risk of developing long COVID (i.e., extended health problems after even a mild COVID infection).

Vaccination is especially important in the fall and winter, when respiratory diseases often spread in high volume. West Virginians ages 6 months and older are recommended to stay up-to-date on COVID-19 shots.

#### WHAT IS COVID-19?

COVID-19 is an illness caused by a virus spreading in WV and around the world. People with COVID-19 can have a range of symptoms, from mild sickness to serious illness that needs hospital treatment, or worse. Each body reacts differently to the virus, and it can be different with each infection. Some otherwise healthy people can get very sick, with symptoms lasting months and longer (often called "long COVID" – see more below). COVID-19 disease can cause long-term health problems, even for those with mild cases.

#### WHO IS AT RISK FOR COVID-19?

Everyone of all ages and backgrounds is at risk. The virus that causes COVID-19 spreads from personto-person, mainly through droplets produced when an infected person exhales or speaks, and especially when they yell, sing, cough, or sneeze. Risk for most severe illness increases with age and underlying conditions such as obesity, diabetes, and heart disease. However, anyone can get really sick with COVID.

#### WHAT IS "LONG COVID"?

Long COVID is broadly defined as signs, symptoms, and conditions that continue or develop after getting COVID. Some people, even people with mild symptoms or who did not know they were infected, can experience long-term effects from their infection. Long COVID can include a wide range of ongoing health problems that can last weeks, months, or years. Anyone can experience long COVID. Each time a person gets COVID, they are at increased risk of long COVID. Staying up-to-date on COVID-19 shots has been shown to reduce risk of long COVID.



For more info, visit vaccinate.wv.gov Call the WV COVID-19 Vaccination Info Line 1-833-734-0965 M-F 9am - 5pm



## VACCINATE.WV.GOV #CommunityImmunityWV





Visit vaccinate.wv.gov to view FAQs and to use the WV COVID-19 Vaccination Due Date Calculator to find out when you or your child/teen are due for a COVID-19 shot.

**Note:** While the information in this FAQ is current as of the listed date, guidelines are subject to change.

Updated September 26, 2023

#### WHAT IS THE 2023-2024 UPDATED COVID-19 SHOT, AND WHY IS IT NEEDED?

Coronavirus is an ever-changing health threat. Over time, we have gained understanding about the virus and COVID-19 disease prevention in children and teens. The 2023-2024 updated COVID-19 shots were adapted to provide updated protection against the newer virus strains circulating in our communities. Immunity can decrease over time, and an updated COVID-19 shot reminds our bodies how to recognize the virus and identify new strains so we can protect loved ones from the most serious COVID complications.

If you do get COVID-19, being up-to-date on vaccination prior to getting the virus reduces risk of severe complications, hospitalization, or even death from COVID. Getting an updated COVID-19 shot may also lower the risk of developing long COVID (i.e., extended health problems after even a mild COVID infection).

Vaccination is especially important in the fall and winter, when respiratory diseases often spread in high volume. West Virginians ages 6 months and up are recommended to stay up-to-date on COVID-19 shots.

#### WHAT IS COVID-19?

COVID-19 is an illness caused by a virus spreading around the world and locally. The virus spreads mainly through droplets made when an infected person exhales or speaks, and especially when they yell, sing, cough, or sneeze. People with COVID-19 can have a range of symptoms, from mild sickness to extreme illness that needs hospital treatment or worse. Some otherwise healthy people can get very sick, with symptoms lasting months or years (often called "post-COVID conditions" or "long COVID").

#### ARE CHILDREN AND TEENS AT RISK FOR COVID-19?

Yes. Millions of children have gotten COVID-19, a leading cause of pediatric death. Tens of thousands of kids have been hospitalized due to COVID-19 disease, and many had no known pre-existing conditions. Each body reacts differently to the virus, and it can be different with each infection. COVID can have long-term health consequences, even from mild cases. Some otherwise healthy kids can have symptoms that last months or years (called "long COVID"). Although older adults and people with underlying health conditions have more risk for severe COVID-19, children and teens can also be severely affected.

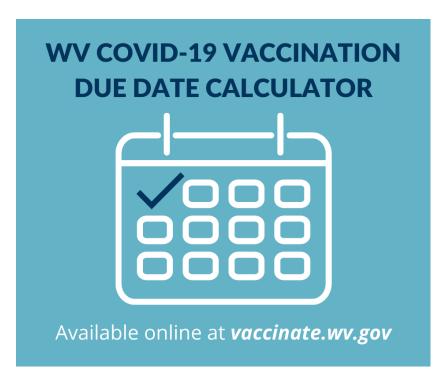




For more info, visit vaccinate.wv.gov or call the WV COVID-19 Vaccine Info Line 1-833-734-0965 M-F 9am - 5pm













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## Step 1: Visit vaccinate.wv.gov & scroll down

#### **COVID-19 Vaccination Due Date Calculator**

Welcome to the COVID-19 Vaccination Due Date Calculator.

The purpose of this tool is to make it easier for you to stay up to date on your COVID-19 vaccination.

Responses entered into this tool are not visible to, and are not stored by, the West Virginia state entities managing this application. It is run on the user's web browser and is solely to provide information to the user and no other individual or entity.

In the upcoming pages, you will see:

- Introductory information (such as a reminder to get your COVID-19 Vaccination Card if you have one)
- Disclaimer information (such as what the tool is and isn't)
- Questions (only those required to calculate your COVID-19 vaccination due date)
- When you may become due for a COVID-19 vaccine shot (and for what type)
- A medical information page for healthcare professionals at the end







## **Step 2: View Welcome/Disclaimer**



#### **COVID-19 Vaccination Due Date Calculator**

This calculator is a tool that can be used to determine when you may be due for a COVID-19 vaccine. To do so, please fill in the following information for yourself (or, if you are the authorized guardian/caregiver using this tool for someone else, fill it in that person's information).

If you have had any previous COVID-19 shots, please have your COVID-19 Vaccination Card handy.

The tool's questions will ask about:

- · birthdate,
- type and number of COVID-19 shots received (if any),
- · whether you are considered moderately to severely immunocompromised, and
- · the date of the most recent COVID-19 shot

Entering the above information will let the tool calculate for you when you may be due for a COVID-19 shot. Additionatype of vaccines are recommended and other clinical considerations for healthcare professionals is available at the entering the above information will let the tool calculate for you when you may be due for a COVID-19 shot. Additionatype of vaccines are recommended and other clinical considerations for healthcare professionals is available at the entering the above information will let the tool calculate for you when you may be due for a COVID-19 shot. Additionatype of vaccines are recommended and other clinical considerations for healthcare professionals is available at the entering the control of the

This is meant as an individual education tool and not to replace licensed medical decision making. **Guidelines may c** check back periodically.

More information about the purpose and limitations of this tool is next.

#### **CVDD Calculator Disclaimer**

This tool is a product of the WV Governor's Joint Interagency Task Force for COVID-19 and the WV Department of Health and Human Resources' Bureau for Public Health.

This tool is based on U.S. COVID-19 vaccination guidelines and was last updated Fri, Sep 15, 2023.

The information contained in this product is not intended to be, nor should it be used as, a substitute for the exercise of professional judgement by a licensed healthcare provider.

This tool does not account for all possible medical situations. The West Virginia state partners who manage this tool have strived to use best efforts to accurately convey immunization recommendations for COVID-19 vaccines, but cannot guarantee whether it is outdated, incomplete, or accurate in all cases.

This tool is to be used as a method **for individuals to simplify and customize complex medical information** in a general way to determine when the user may be due for another shot to stay up to date on COVID-19 vaccination, and it does not constitute, or substitute for, licensed medical practice.

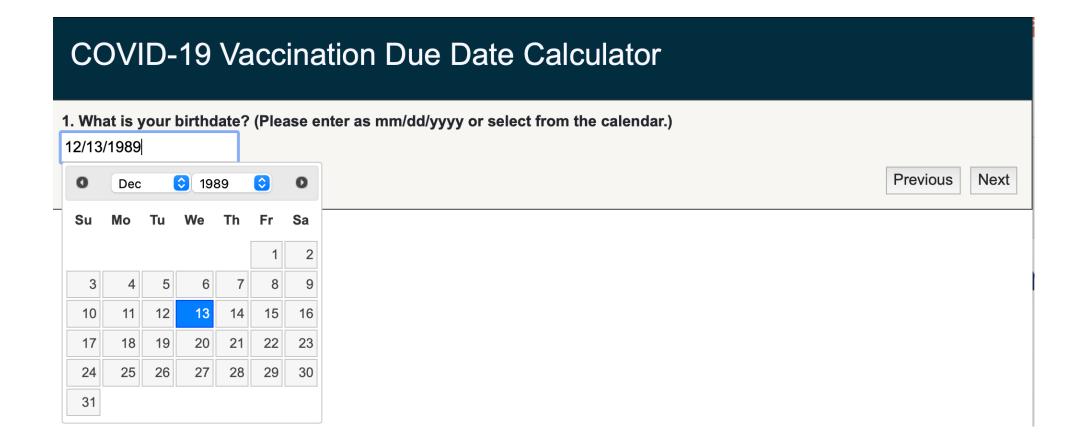
Previous

Next

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**Birthdate** 







#### COVID-19 Vaccination Due Date Calculator

#### 2. Are you considered moderately to severely immunocompromised (see definition below)?

Being immunocompromised in certain ways affects the number of shots a person may need to build adequate immune response for protection against COVID-19.

You may be considered as moderately or severely immunocompromised in the context of COVID-19 vaccination if you have:

- · Been receiving active cancer treatment for tumors or cancers of the blood
- Received an organ transplant and are taking medicine to suppress the immune system
- Received a stem cell transplant within the last 2 years or are taking medicine to suppress the immune system
- Moderate or severe primary immunodeficiency (such as DiGeorge syndrome, Wiskott-Aldrich syndrome)
- Advanced or untreated HIV infection
- Active treatment with high-dose corticosteroids or other medications that may suppress the immune response



Previous

Next

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**Immunocompromised** 







#### COVID-19 Vaccination Due Date Calculator

3. Have you had any COVID-19 vaccine shot before?



How many 2023-2024 updated COVID-19 shots have you received? (These updated COVID-19 shots started becoming available in Fall 2023, specifically Sept. 12, 2023)



\*The 2023-2024 Updated COVID-19 shot started becoming available Sept. 12, 2023 (Fall 2023). It is the updated COVID-19 shot based on a newer variant of the virus that causes COVID-19. Check your COVID-19 Vaccination Card or medical record.

Previous

Next

## **Previous COVID-19 Shots (if any)**

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### **COVID-19 Vaccination Due Date Calculator** 4. What was the date of your last (most recent) COVID-19 shot? (Please enter as mm/dd/yyyy or select from the calendar.) 08/22/2023 2023 0 **Previous** Finish 5 16 17 24 30



**Most Recent COVID-19 Shot** 





#### **COVID-19 Vaccination Due Date Calculator**

You are due for an updated COVID-19 shot. Tue, September 12, 2023 🛱

Click here to schedule a COVID-19 vaccination appointment: https://vaccines.gov/search

Or, click the calendar icon above to add a reminder to your personal calendar that you are due for a COVID-19 vaccination.

West Virginians can get their 2023-2024 updated COVID-19 shot(s) at healthcare providers' offices, commumnity health departments, or pharmacies that provide COVID-19 immunization. It is advised to contact your intended vaccination location to ensure they carry the COVID-19 shot that you are eligible for and that they accept your form of health insurance or healthcare coverage.

Most health insurance plans cover COVID-19 vaccination (they could require using an in-network provider, as with other care). People without health insurance or with plans that do not cover the cost may be able to get a free COVID-19 shot from a local health department, community health center, or pharmacy that is participating in the federal Bridge Access Program, as supplies allow. Children eligible for the Vaccines for Children (VFC) Program (which provides vaccines for children 18 years and younger who are uninsured, underinsured, Medicaid-eligible, American Indian, or Alaska Native), may be eligible to get the shot from a VFC provider. To find a VFC provider in your area, contact your child's healthcare provider or your local health department (find your local health department by county here: https://bit.ly/WVHealthDeptByCty).

Personal Calendar Reminder

Schedule Vaccination







## "Medical Info" Page for Health Providers (or anybody who wants more in-depth info)

If you need help finding a COVID-19 vaccination location, including vaccination options for someone who is homebound, contact the West Virginia COVID-19 Vaccine Info Line at 1-833-734-0965.

Read COVID-19 vaccination FAQs and more about the transition toward more traditional ways of getting and paying for COVID-19 shots here:

https://dhhr.wv.gov/COVID-19/Pages/FAQs.aspx

Medical Info

Start over



Click this button for a page that provides a summary of entries, clinical considerations & info links





## Medical Info (Summary & Clinical Considerations)

#### COVID-19 Vaccination Due Date Calculator

To return to the previous page to review prior information, schedule a vaccination appointment, or add a vaccination reminder to your personal calendar, please click the browser Back button.

1 or more doses any mRNA

#### **Summary information**

- DOB = October, 16, 1929
- Number of Updated Doses = 1
- Immunocompromised = No
- Most Recent Shot = October, 10, 2022

Date Calculated: Tue, September 12, 2023
Recommended Vaccine Type: updated COVID-19

See below for vaccination schedule table and lit type of COVID-19 vaccines.

#### Ages 12 years and older

COVID-19 vaccination history prior to updated (2023–2024 Formula) mRNA vaccine*	Updated (2023– 2024 Formula) mRNA vaccine	Number of updated (2023–2024 Formula) mRNA vaccine doses indicated	Dosage (mL/ug)	Vaccine vial cap and label colors§	Interval between doses
Unvaccinated	Moderna	1	0.5 mL/50 ug	Dark blue cap; blue label	
	Pfizer-BioNTech	LINKS/RESOURCES	0.3 ml /30	Gray con:	

Moderna

Pfizer-BioNTech

For graphics depicting the dosing schedule by age and vaccine type for **most people** followed by for **moderately or severely immunocompromise** <a href="https://bit.ly/C19VaxScheduleGlance">https://bit.ly/C19VaxScheduleGlance</a>

For more detailed information about the immunization schedule and dosing, go here: https://bit.ly/C19CDCSchedDosing

For summary clinical considerations, go here: https://bit.ly/C19CDCSummaryConsid

For the full Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States, go here: https://bit.ly/C19cdcClinicalConsiderations

Clinical considerations for COVID-19 vaccination for those with current or prior SARS-CoV-2 infection: https://bit.ly/C19VaxDuringAfterInfection

Read COVID-19 vaccination FAQs in WV here: https://bit.ly/C19VaxFAQ

For more information about COVID-19 shots in West Virginia, visit https://vaccinate.wv.gov

#### **VACCINE ADMINISTRATION ERROR PREVENTION:**

Find tips for COVID-19 vaccine error prevention in WV and reporting requirements here: https://bit.ly/C19ErrorPrevent

FDA FACT SHEETS:





## Embed the calculator on your own website!

#### COVID-19 Vaccination Due Date Calculator

Welcome to the COVID-19 Vaccination Due Date Calculator.

With the ever-changing nature of the virus that causes COVID-19, clear information about vaccination and how to stay protected is important. The purpose of this tool is to make it easier for you to stay up to date on your COVID-19 vaccination.

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Contact jic@wv.gov for embed instructions WV JIATF Joint Information Center (JIC)

VACCINATE.WV.GOV

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#### Upcoming Meetings & Event











Need Our Care? Please Call Us: (304) 574-1617



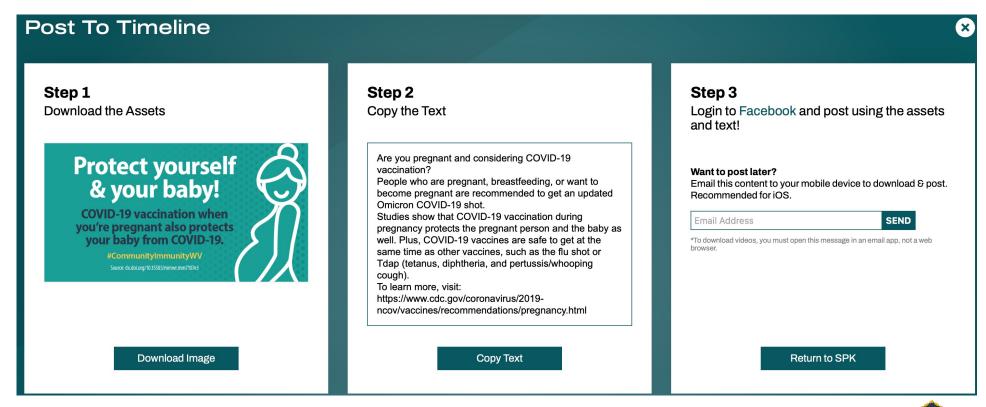




## COVID-19 Vaccine Messaging Kit

social media graphics, captions, printable posters, more!







## **+ Communication**Questions or Needs?

## Contact the WV JIATF Joint Information Center (JIC):

jic@wv.gov (JIC Team – JIATF & DHHR Comms)

jdfraustino@mail.wvu.edu (Julia)

Imcostello@hsc.wvu.edu (Lisa)



## Questions?

Fall 2023 COVID-19
Vaccination Updates and
Other Timely Fall
Vaccination Updates







