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# Virginia Respiratory Disease and Mpox Data Update

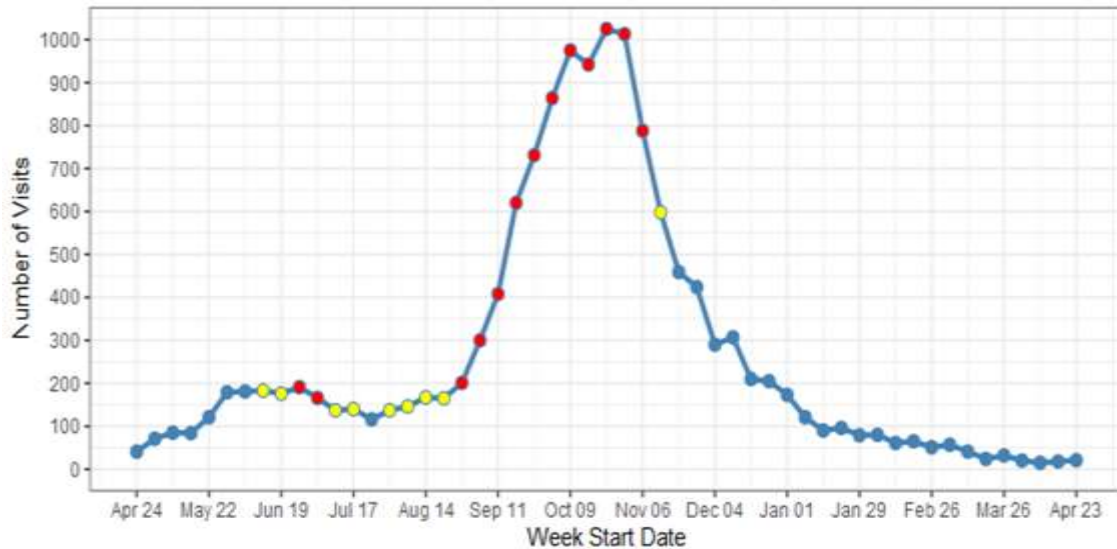
May 11, 2023



# Virginia: Respiratory Disease Syndromic Surveillance

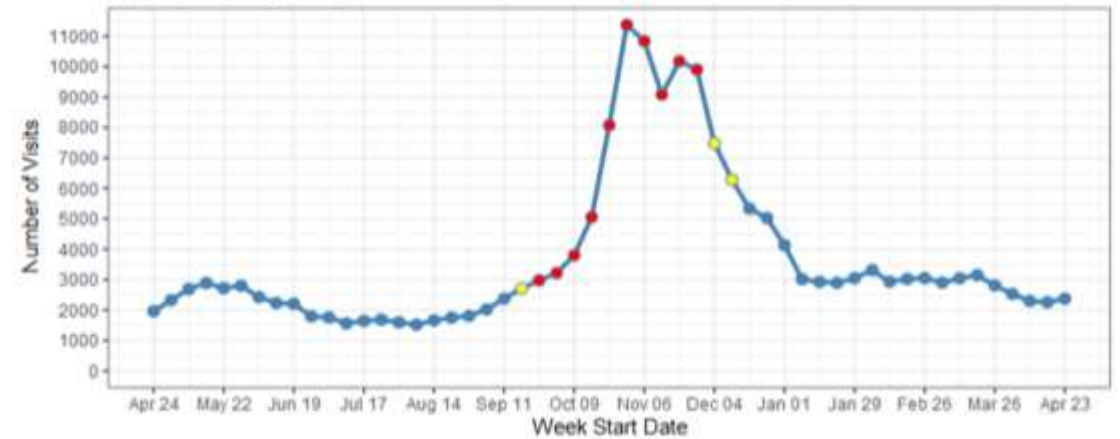
| *Diagnosed Respiratory Syncytial Virus (RSV)  |                                 |                                 |
|---|---------------------------------|---------------------------------|
| 04/09 – 04/15<br>(MMWR Week 15)   | 04/16 – 04/22<br>(MMWR Week 16) | 04/23 – 04/29<br>(MMWR Week 17) |
| 15 visits   | 18 visits                       | <b>21 (+17%)</b>                |
| Data is from the week of Apr. 23 – Apr. 29, 2023. Percent change is from week prior                             |                                 |                                 |
| * RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases) |                                 |                                 |

**Weekly ED and Urgent Care Visits with Diagnosed RSV**  
04/24/22 – 04/29/23



| *Influenza-Like Illness (Excluding Diagnosed COVID-19)<br>ED and Urgent Care Visits   |                                 |                                 |
|---|---------------------------------|---------------------------------|
| 04/09 – 04/15<br>(MMWR Week 15)   | 04/16 – 04/22<br>(MMWR Week 16) | 04/23 – 04/29<br>(MMWR Week 17) |
| 2,299   | 2,255                           | <b>2,371 (+5%)</b>              |
| Data is from the week of Apr. 23 – Apr. 29, 2023. Percent change is from week prior   |                                 |                                 |
| * ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. <b>Visits with diagnosed COVID-19 are excluded.</b> |                                 |                                 |

**Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19**  
04/24/22 – 04/29/23



- Virginia reported 2.2% of all ED and urgent care visits were for ILI, during the week ending 04/29
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 8.4% of all visits

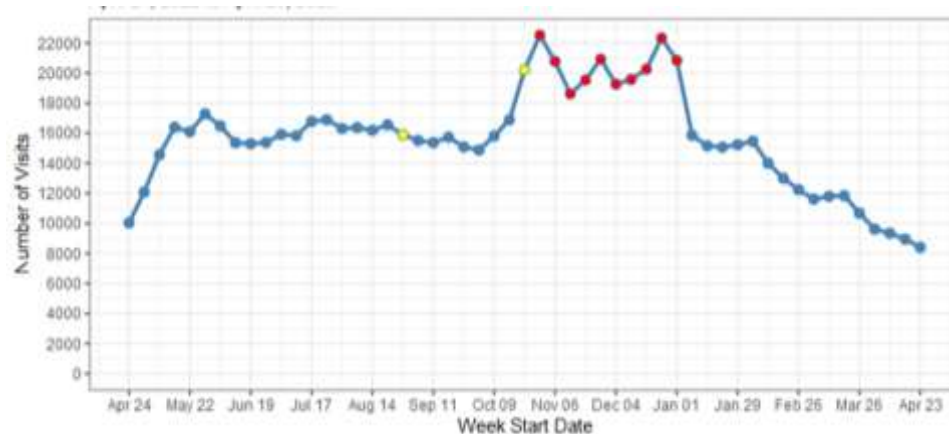
Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

| *COVID-Like Illness ED and Urgent Care Visits  |                                 |                                 |
|--|---------------------------------|---------------------------------|
| 04/09 – 04/15<br>(MMWR Week 15)  | 04/16 – 04/22<br>(MMWR Week 16) | 04/23 – 04/29<br>(MMWR Week 17) |
| 9,276  | 8,948                           | <b>8,408 (-6%)</b>              |
| Data is from the week of Apr. 23 - Apr. 29, 2023. Percent change is from week prior  |                                 |                                 |
| *CLI - ED visits noting symptoms of fever + respiratory complaint (e.g., fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit. |                                 |                                 |

For the week ending April 29 2023, MMWR week 17:  
\* Compared to last week:

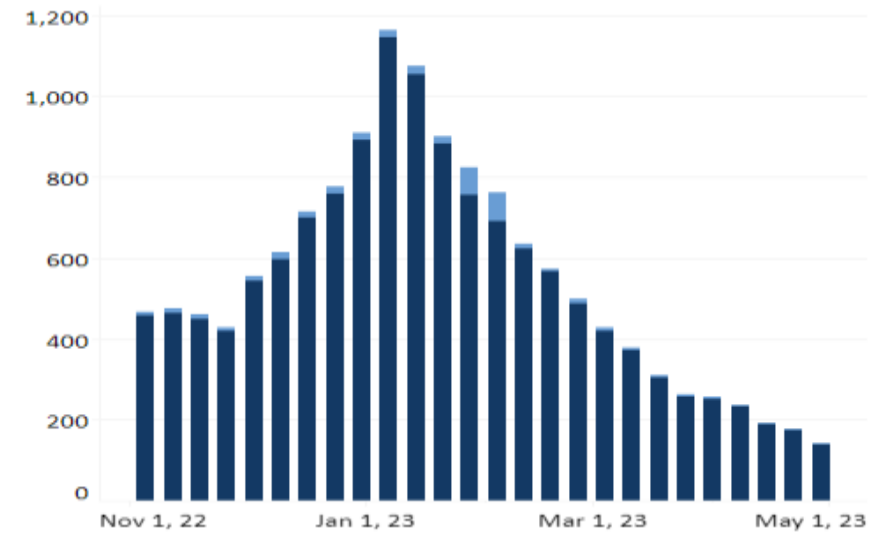
- Weekly case rate **decreased 13%** to 18.6 per 100K
- Hospital Census Data shows a **decrease of 21%** to 140 average beds in use for COVID-19
- The number of deaths reported for this week is 1 (confirmed & probable)

## Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 04/24/22 - 04/29/23



## COVID-19 Hospital Census Trends Virginia, October 2022 – April 2023

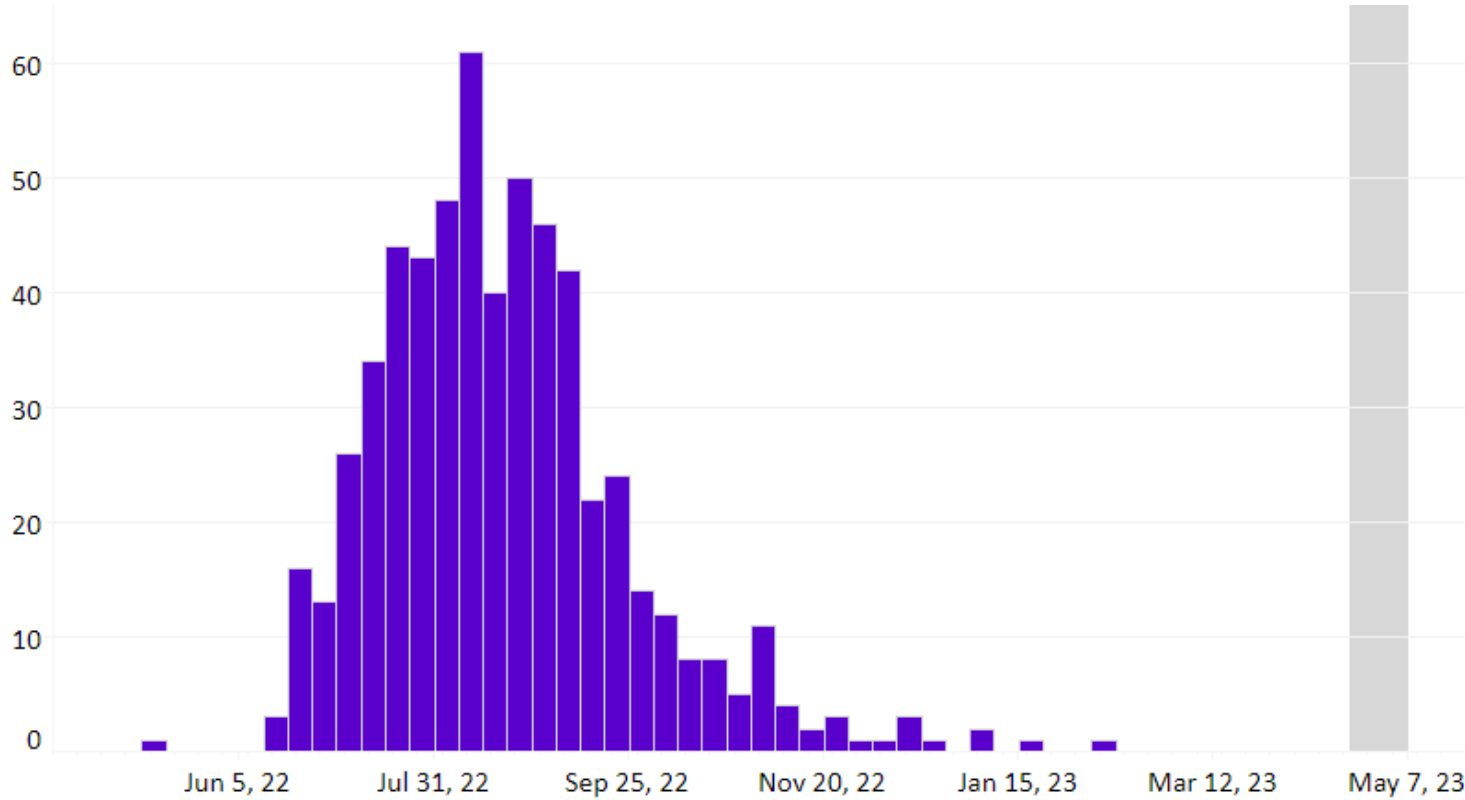
Average number of beds in use for COVID-19



■ Pediatric  
■ Adult

\*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)  
VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.  
\*Data comparisons: Wednesday-Wednesday

### Epi Curve of Mpox Cases (5/2022 – 5/2023)



|                         |            |
|-------------------------|------------|
| <b>Total Cases</b>      | <b>570</b> |
| <b>Hospitalizations</b> | <b>30</b>  |
| <b>Deaths</b>           | <b>2</b>   |

### Mpox Cases By Age and Sex (as of 05/09/2023)

| Age Group   | Cases       |
|-------------|-------------|
| 0-9 Years   | 0 (0.0%)    |
| 10-14 Years | 1 (0.2%)    |
| 15-19 Years | 14 (2.5%)   |
| 20-29 Years | 209 (36.7%) |
| 30-39 Years | 225 (39.5%) |
| 40-49 Years | 84 (14.7%)  |
| 50-59 Years | 32 (5.6%)   |
| 60-69 Years | 3 (0.5%)    |
| 70+ Years   | 2 (0.4%)    |
| Sex         |             |
| Female      | 32 (5.6%)   |
| Male        | 538 (94.4%) |

\*Data represent investigations with notifications submitted in VEDSS.

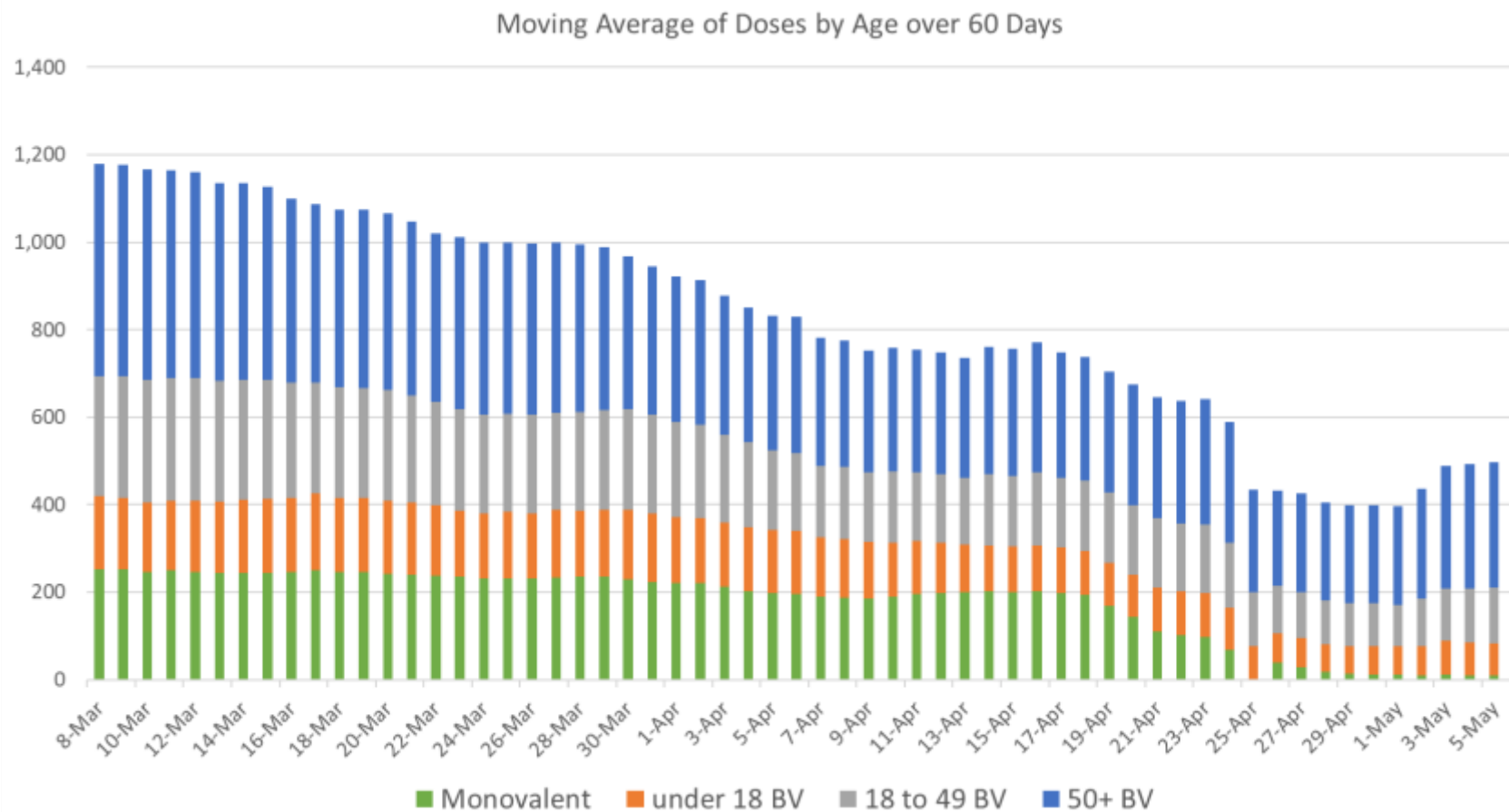
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# **Vaccine Updates**

**May 11, 2023**

# Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,506,942 Bivalent Covid-19 Vaccine Doses Administered
- 3,348 Total Doses Administered last week vs 2,819 the week prior
- 17.6% of the total population is Up to Date with their vaccinations



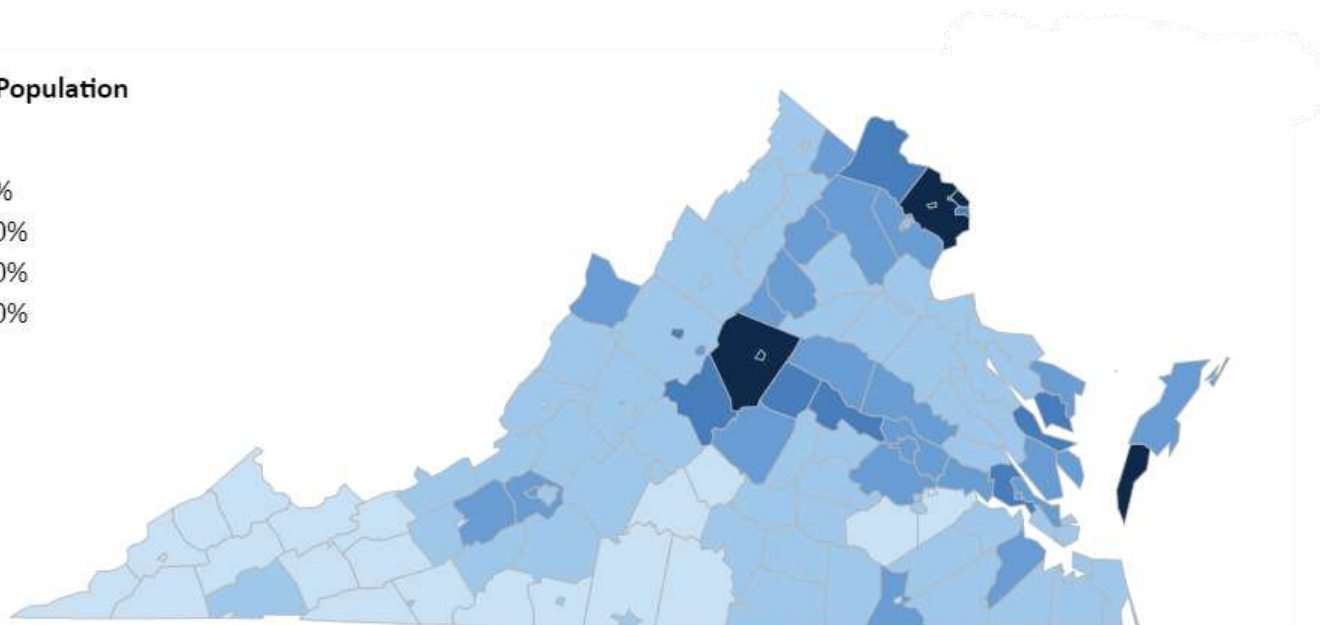
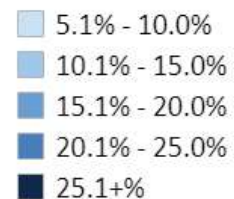
Federal doses not included in this number

Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.virginia.gov/health/covid-19/vaccine-summary)

# Virginia: COVID Vaccination across the Commonwealth by Geography

## Percent of the Population Up To Date by Locality

Percent of the Population Up to Date

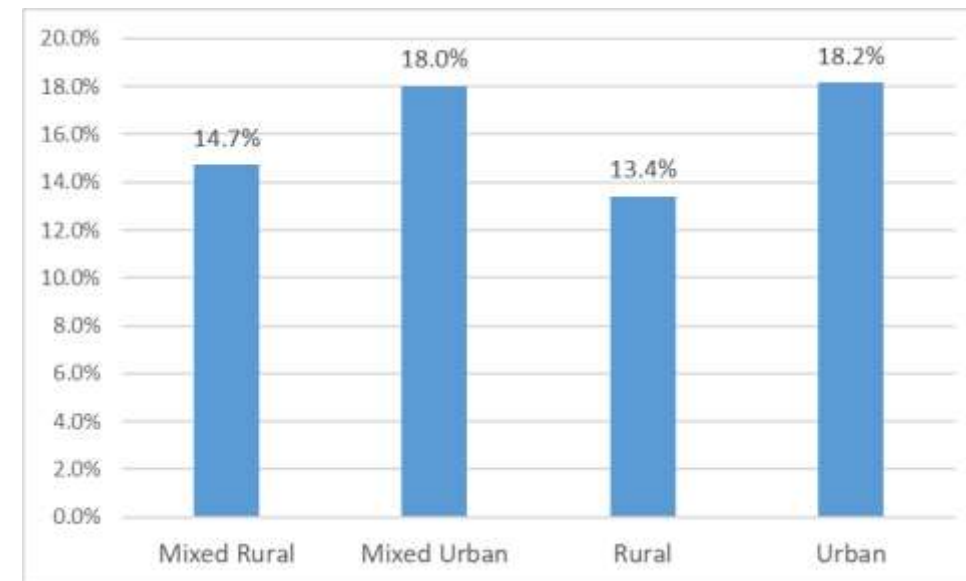


- 73.9% of the Total Population has completed their primary series
- 17.6% of the Total Population has a Bivalent Booster
- Virginia is 16<sup>th</sup> in the nation in Bivalent Booster uptake

## Vaccination Rates by Region

| Health Region | Bivalent Uptake | Change |
|---------------|-----------------|--------|
| Central       | 15.9%           | 0.1%   |
| Eastern       | 13.5%           | 0.0%   |
| Northern      | 22.7%           | 0.1%   |
| Northwest     | 16.0%           | 0.1%   |
| Southwest     | 11.3%           | 0.0%   |

## Bivalent Uptake by Urban / Rural



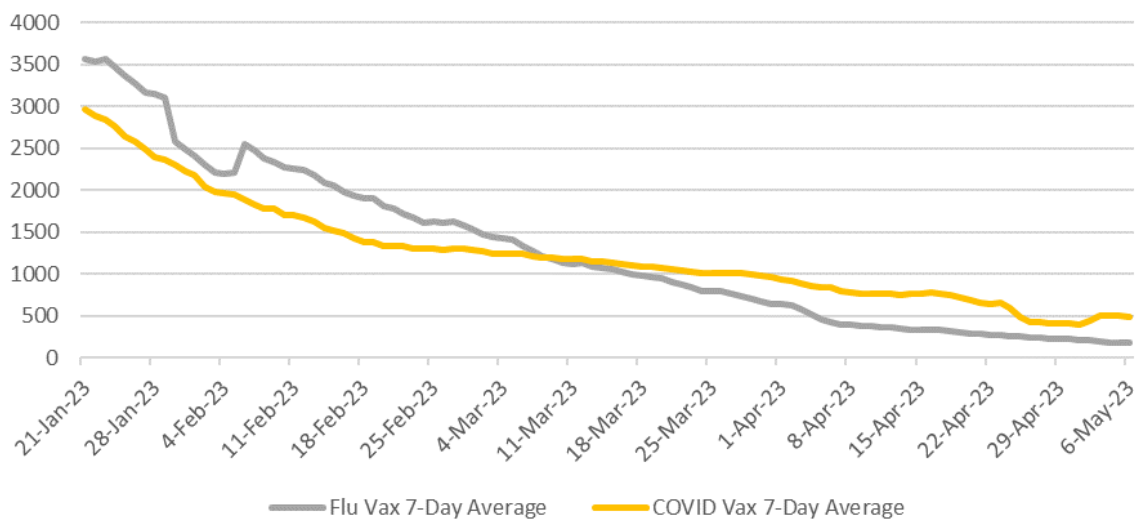
Federal doses not included in this number

Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.virginia.gov/health/covid-19/vaccine-summary)

# Virginia: Flu Vaccine Update

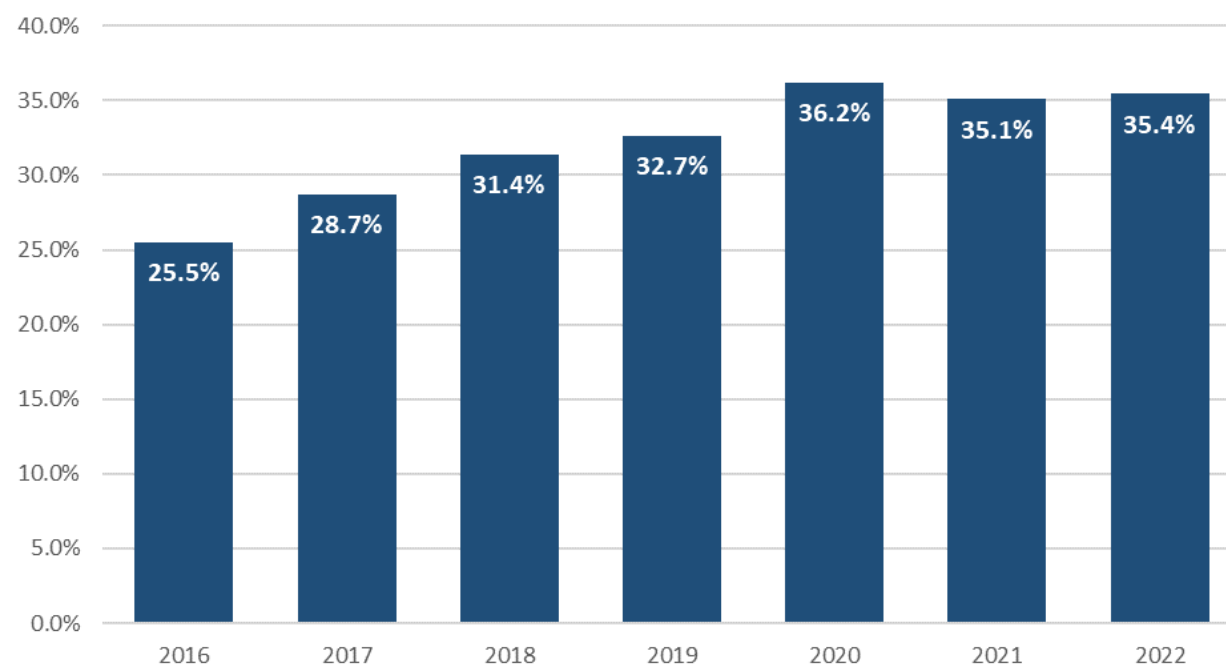
- 1,186 Flu shots administered last week vs 1,550 the week prior
- There have been 3.07 million Flu Vaccine doses administered (36% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

7-Day Average of Flu Vax vs Covid Vax



7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.

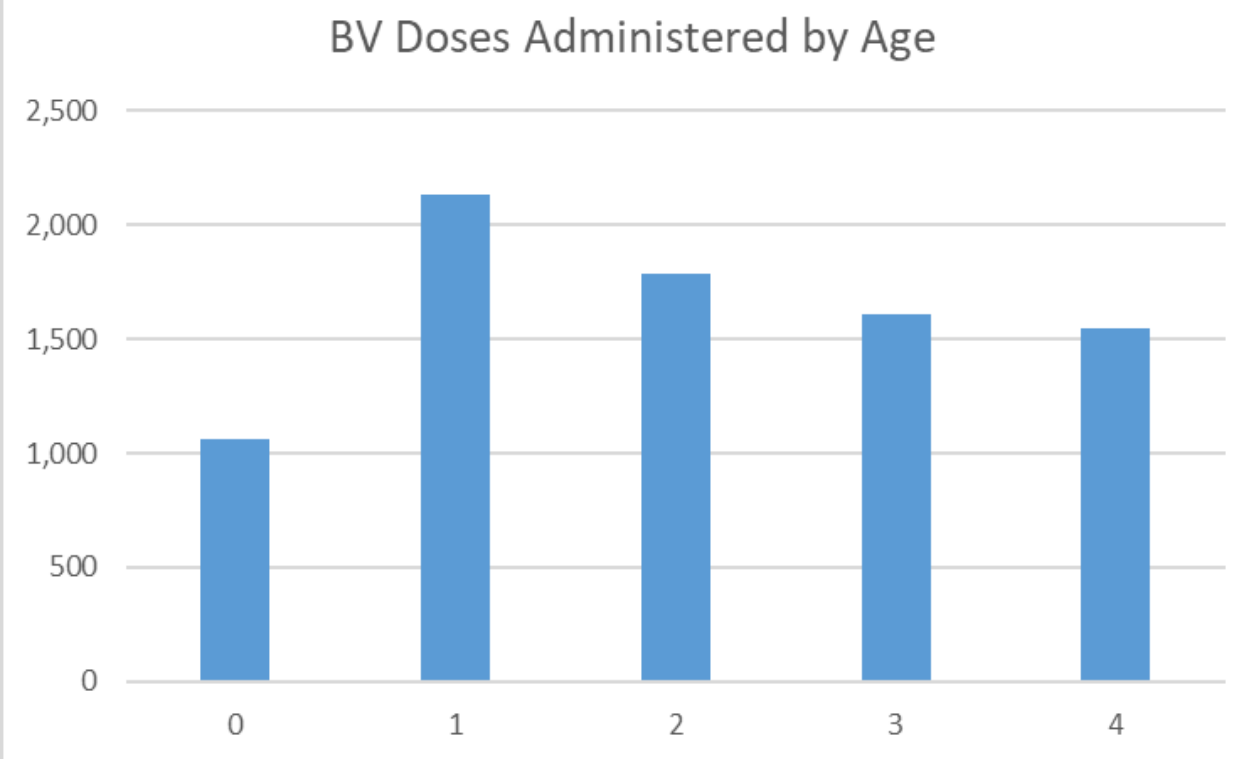
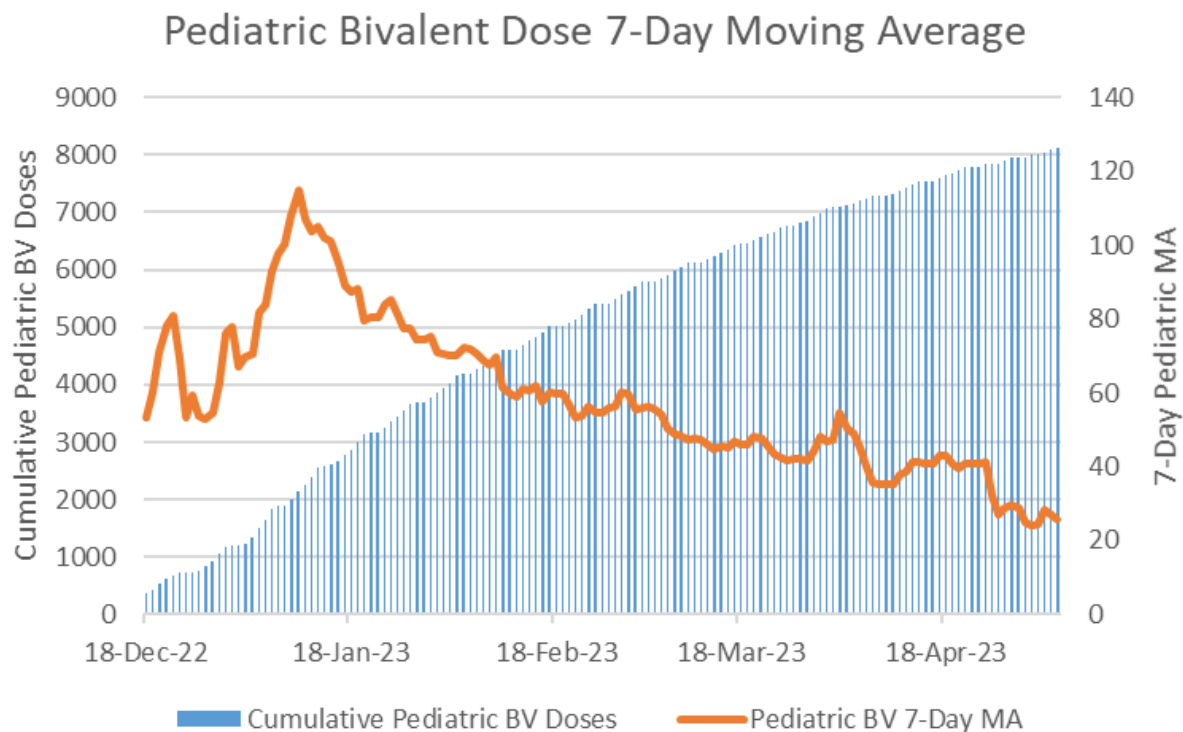
Flu Vaccine Uptake by Adjusted Population through May 6th





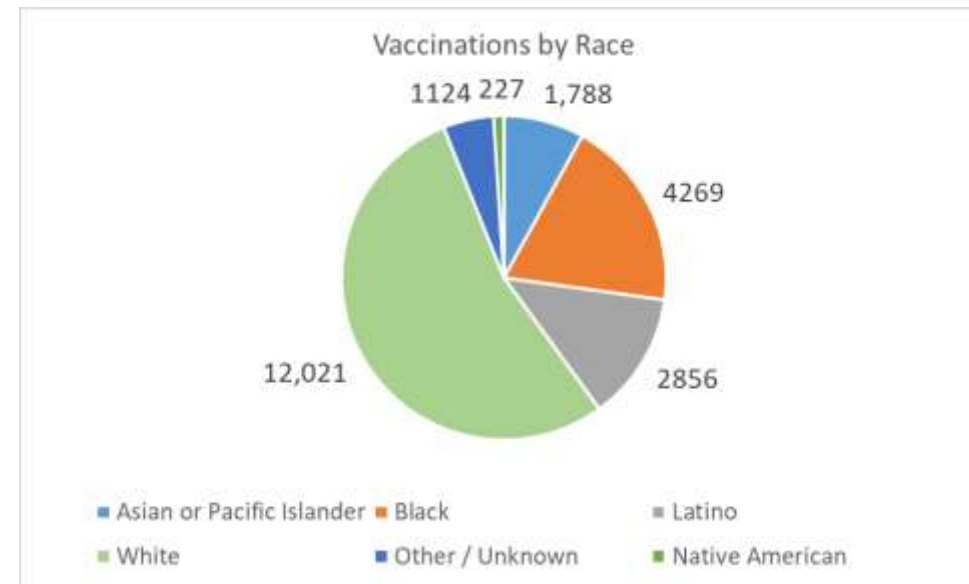
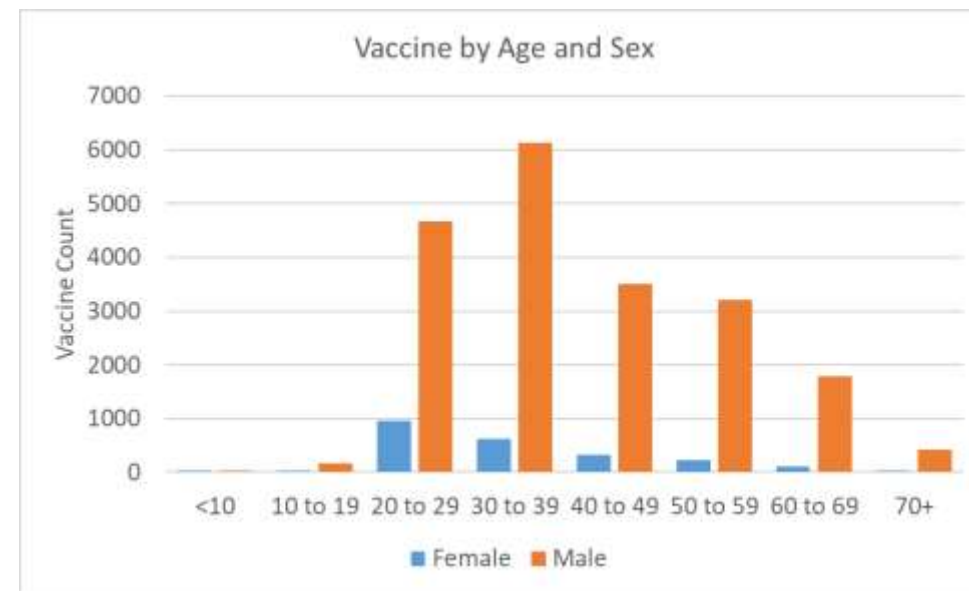
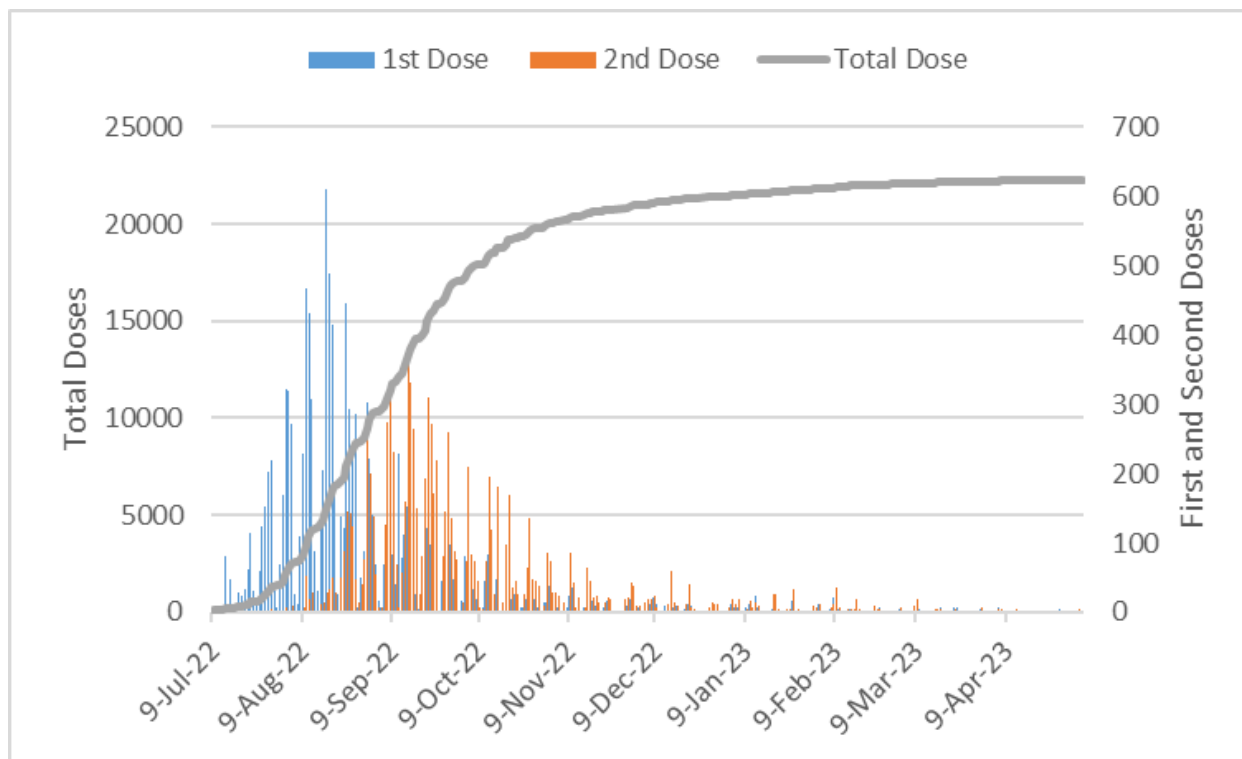
# Virginia: Pediatric Bivalent Doses

- 8,136 Pediatric Bivalent Doses (4 and Under) have been administered since Dec. 8<sup>th</sup> 2022
- 177 Pediatric BV Doses were administered last week compared to 173 the week before.
- 65% of Pediatric BV Doses have been Pfizer while 35% have been Moderna



# Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 16 doses administered last week out of the total 22,285 doses since July 1st.
- 89.5% of Vaccines Administered have been to Males
- 55.9% of Vaccines Administered have in the Northern Region
- The White Population accounts for 56.8% of Vaccinations by Race where data is available



Source: VDH Vaccine Summary