
Virginia Respiratory Disease and Mpox Data Update

April 27, 2023



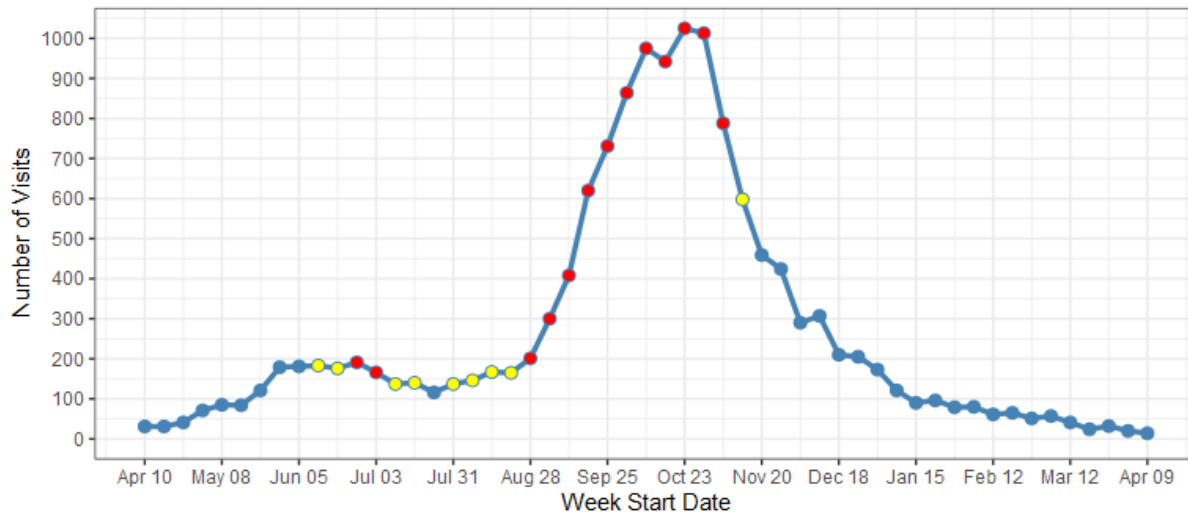
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

Virginia: Respiratory Disease Syndromic Surveillance

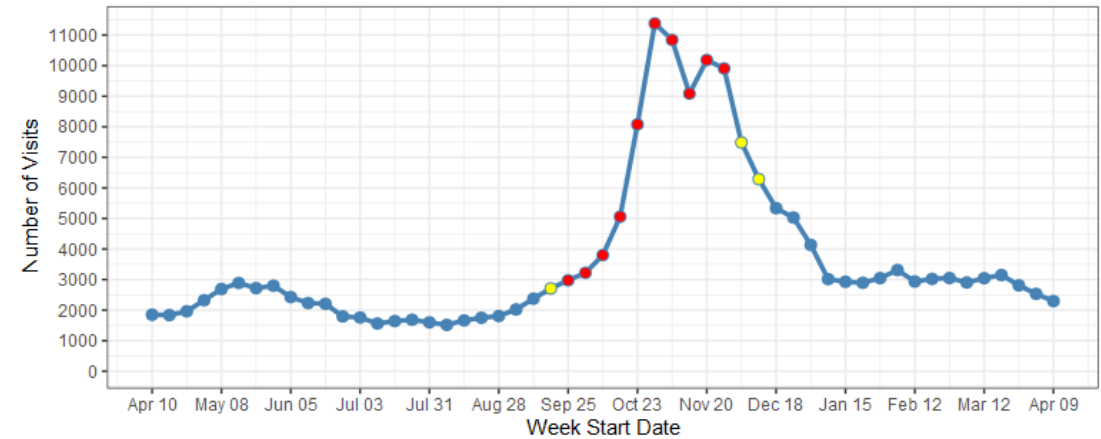
*Diagnosed Respiratory Syncytial Virus (RSV)		
03/26 – 04/01 (MMWR Week 13)	04/02 – 04/08 (MMWR Week 14)	04/09 – 04/15 (MMWR Week 15)
32 visits	20 visits	14 (-30%)
Data is from the week of Apr. 09 – Apr. 15, 2023. Percent change is from week prior		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

Weekly ED and Urgent Care Visits with Diagnosed RSV
04/10/22 – 04/15/23



*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits		
03/26 – 04/01 (MMWR Week 13)	04/02 – 04/08 (MMWR Week 14)	04/09 – 04/15 (MMWR Week 15)
2,810	2,532	2,295 (-9%)
Data is from the week of Apr. 09 – Apr. 15, 2023. Percent change is from week prior		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. Visits with diagnosed COVID-19 are excluded.		

Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19
04/10/22 – 04/15/23



- Virginia reported 2.2% of all ED and urgent care visits were for ILI, during the week ending 04/15
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 8.6% 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		
03/26 – 04/01 (MMWR Week 13)	04/02 – 04/08 (MMWR Week 14)	04/09 – 04/15 (MMWR Week 15)
10,570	9,545	8,904 (-7%)

Data is from the week of Apr. 09 - Apr. 15, 2023. Percent change is from week prior

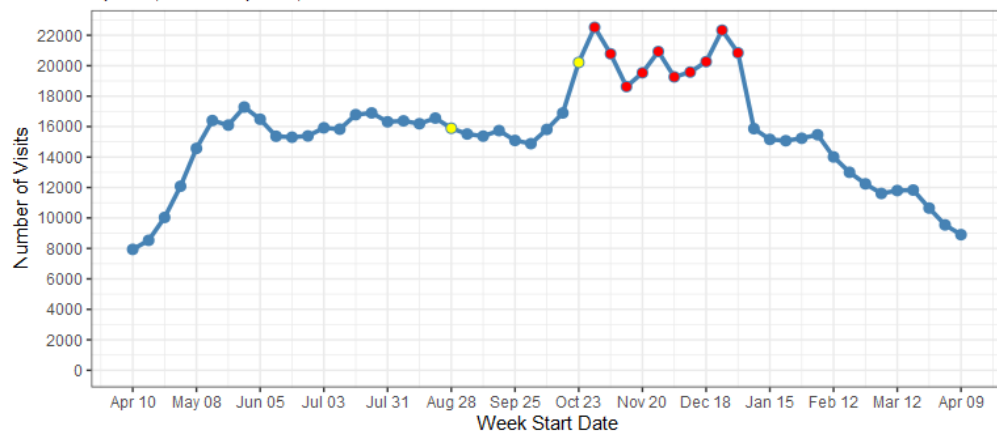
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g., fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.

For the week ending April 15 2023, MMWR week 15:

* Compared to last week:

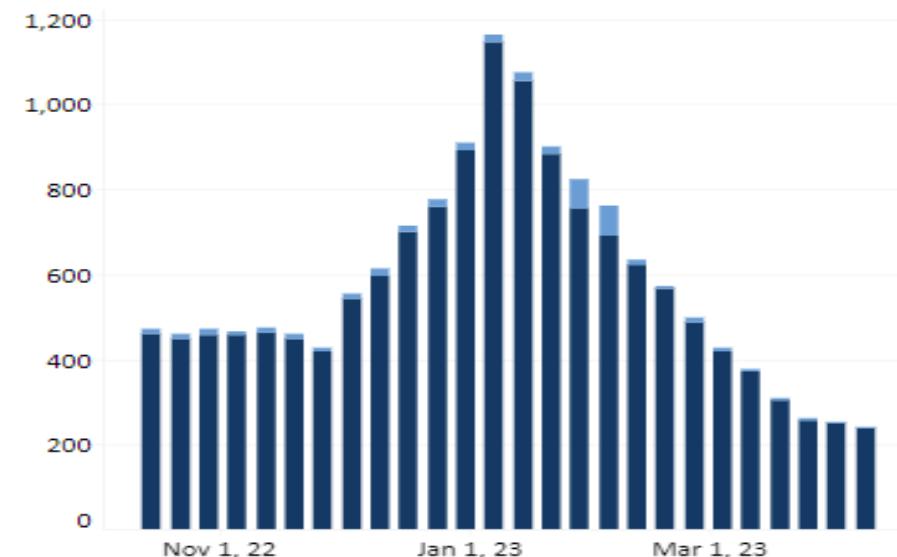
- Weekly case rate **decreased 11%** to 25.9 per 100K
- Hospital Census Data shows a **decrease of 20%** to 189 average beds in use for COVID-19
- The number of deaths reported for this week is 6 (confirmed & probable)

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 04/10/22 - 04/15/23



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

Average number of beds in use for COVID-19



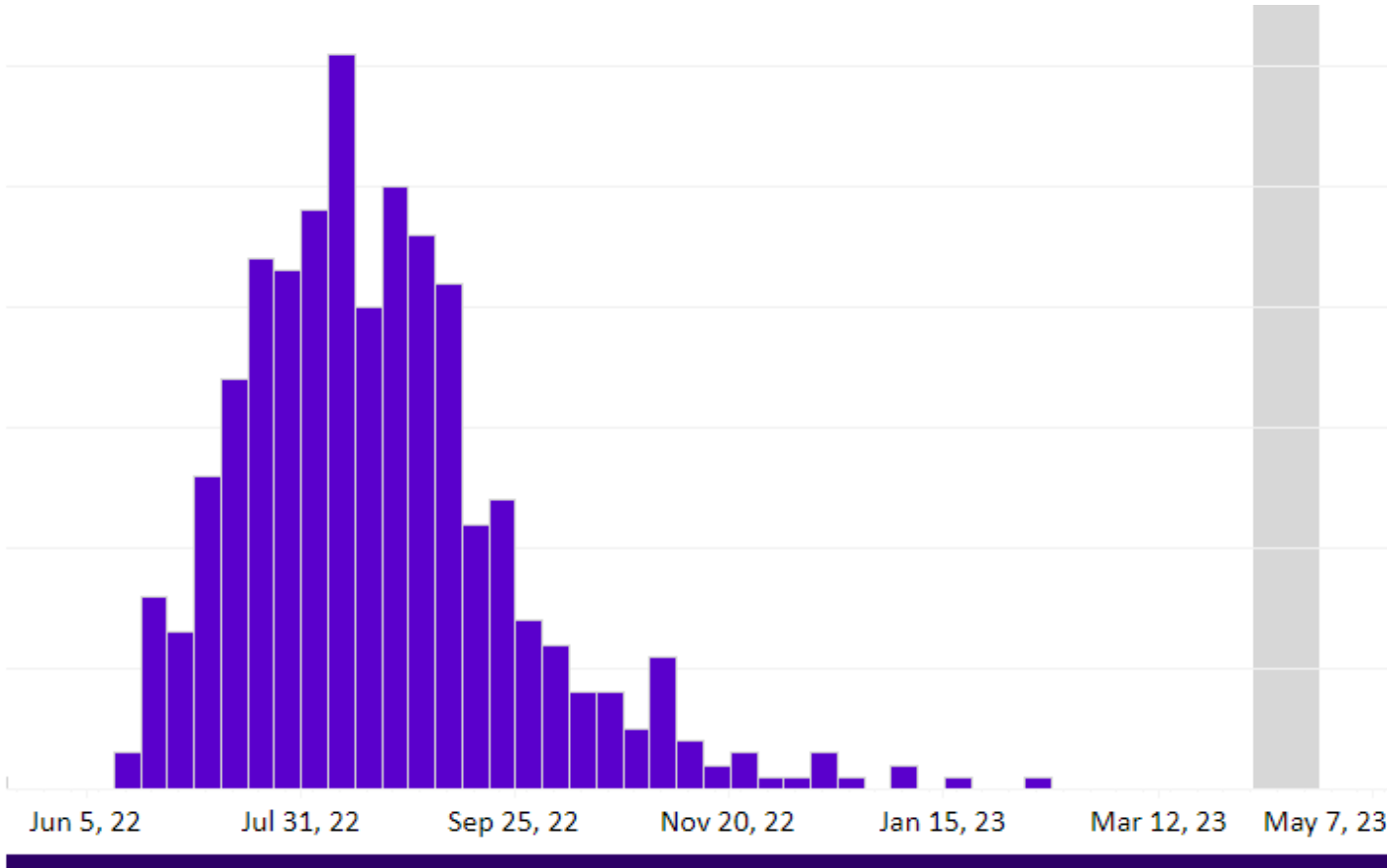
*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)

VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.

*Data comparisons: Wednesday-Wednesday

■ Pediatric
■ Adult

Epi Curve of Mpox Cases (5/2022 – 4/2023)



Total Cases	570
Hospitalizations	30
Deaths	2

Mpox Cases By Age and Sex (as of 04/25/2023)

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%)

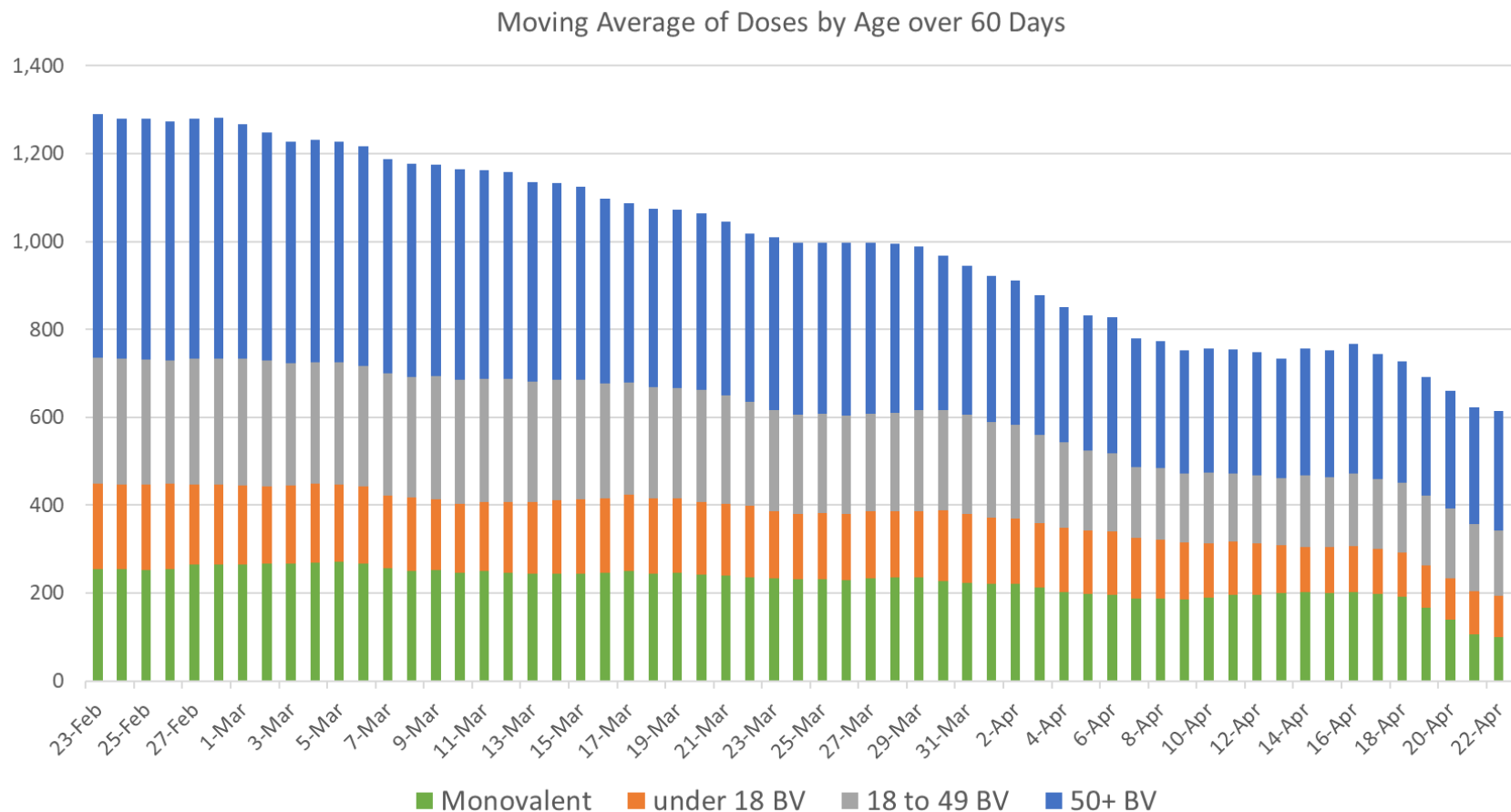
*Data represent investigations with notifications submitted in VEDSS.

Vaccine Updates

April 27, 2023

Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,500,319 Bivalent Covid-19 Vaccine Doses Administered
- 4,338 Total Doses Administered last week vs 5,312 the week prior
- 17.6% of the total population is Up to Date with their vaccinations
- 541,541 people who are 65+ are now eligible for an additional bivalent booster due to new guidance



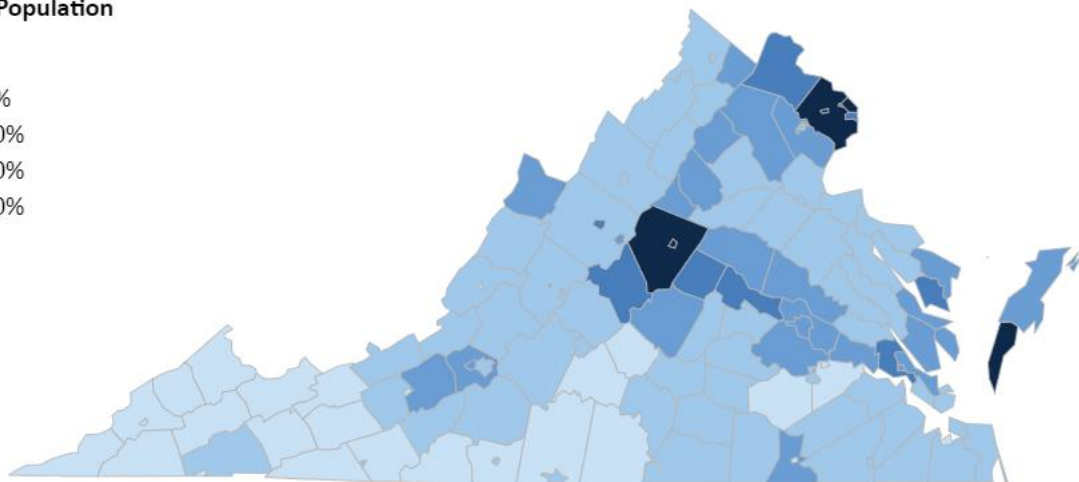
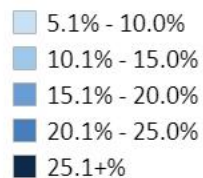
Federal doses not included in this number

Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.vdh.virginia.gov/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



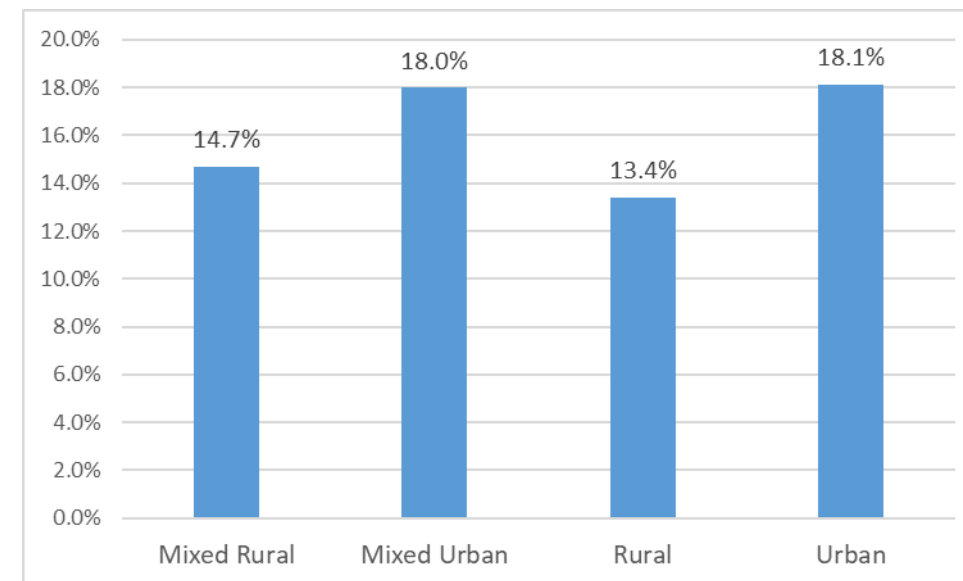
People Not Mapped : 73,399

- 73.8% of the Total Population has completed their primary series
- 17.6% of the Total Population has a Bivalent Booster
- 38.7% of those 65+ are now eligible for a second bivalent booster
- Virginia is 16th in the nation in Bivalent Booster uptake

Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.8%	0.0%
Eastern	60.8%	0.0%
Northern	77.1%	0.0%
Northwest	62.5%	0.0%
Southwest	55.0%	0.1%

Bivalent Uptake by Urban / Rural

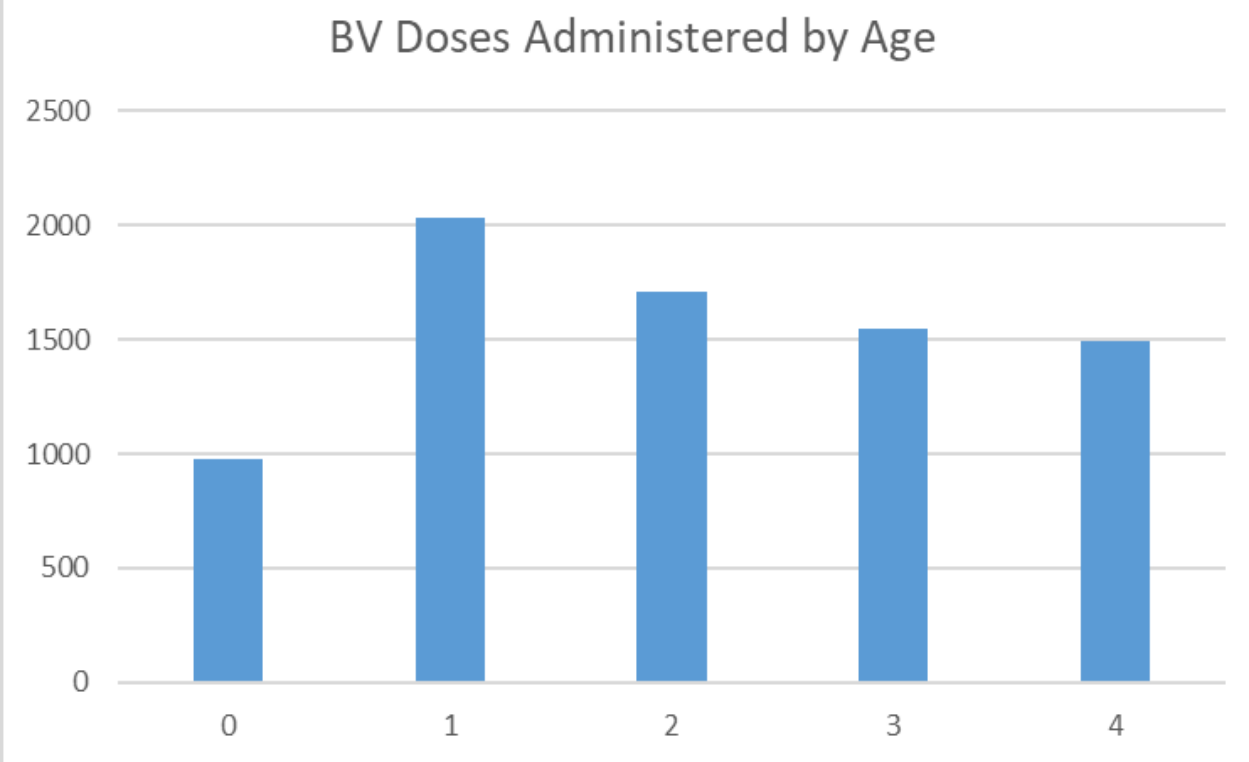
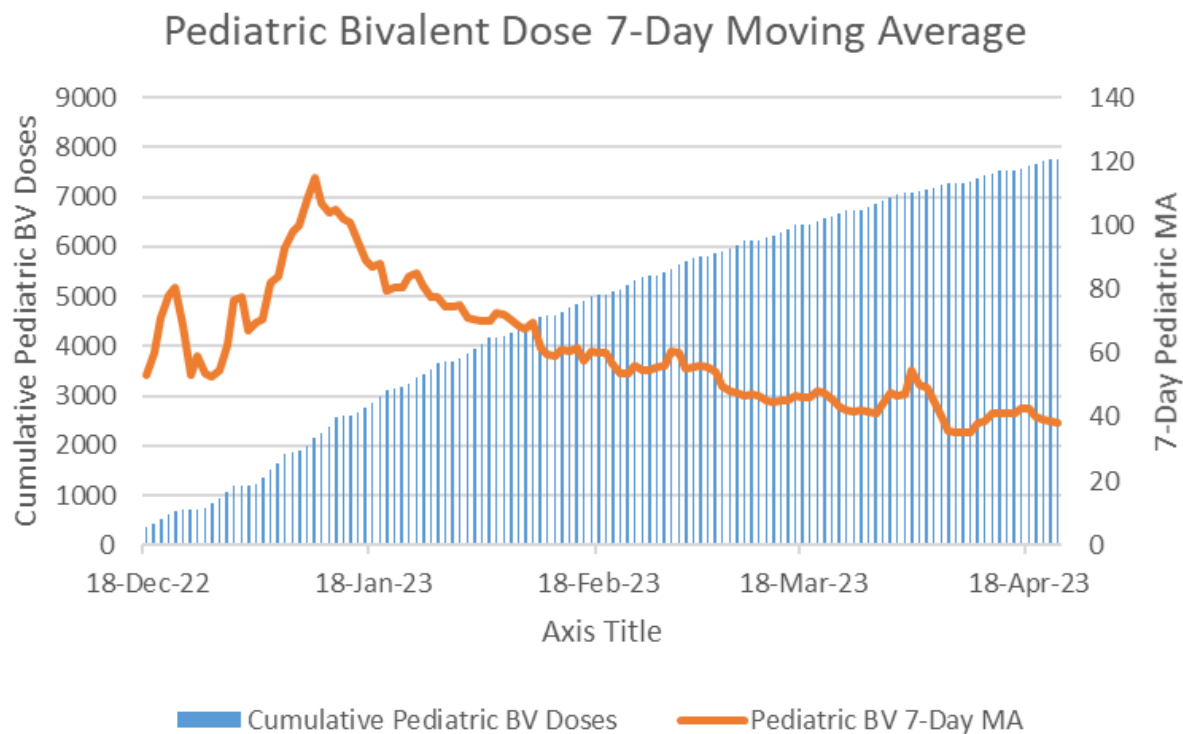


Federal doses not included in this number

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

Virginia: Pediatric Bivalent Doses

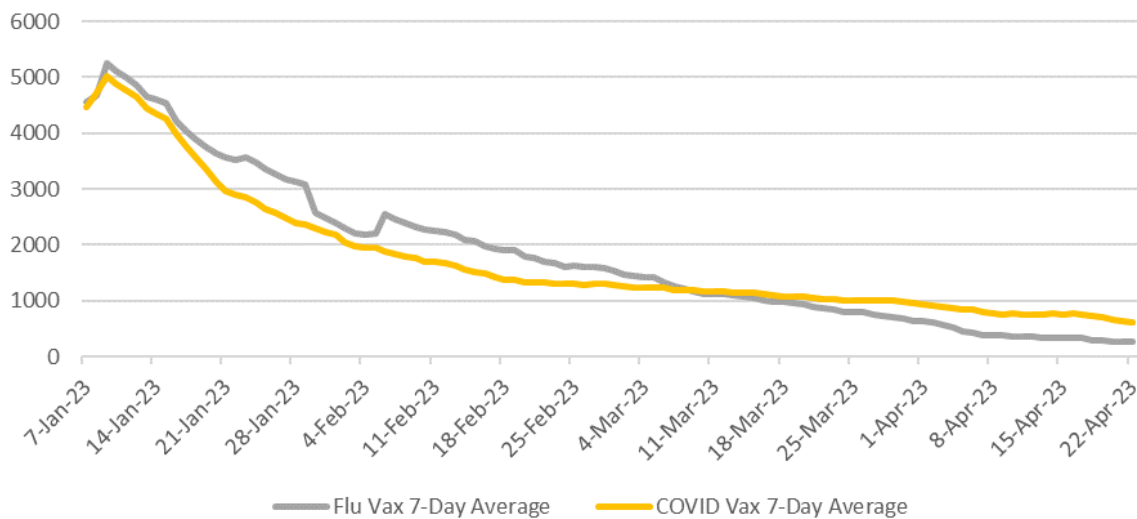
- 7,761 Pediatric Bivalent Doses have been administered since Dec. 8th 2022
- Pediatric Bivalent Doses have been declining; 229 Pediatric BV Doses were administered last week compared to 246 the week before.
- 65% of Pediatric BV Doses have been Pfizer while 35% have been Moderna



Virginia: Flu Vaccine Update

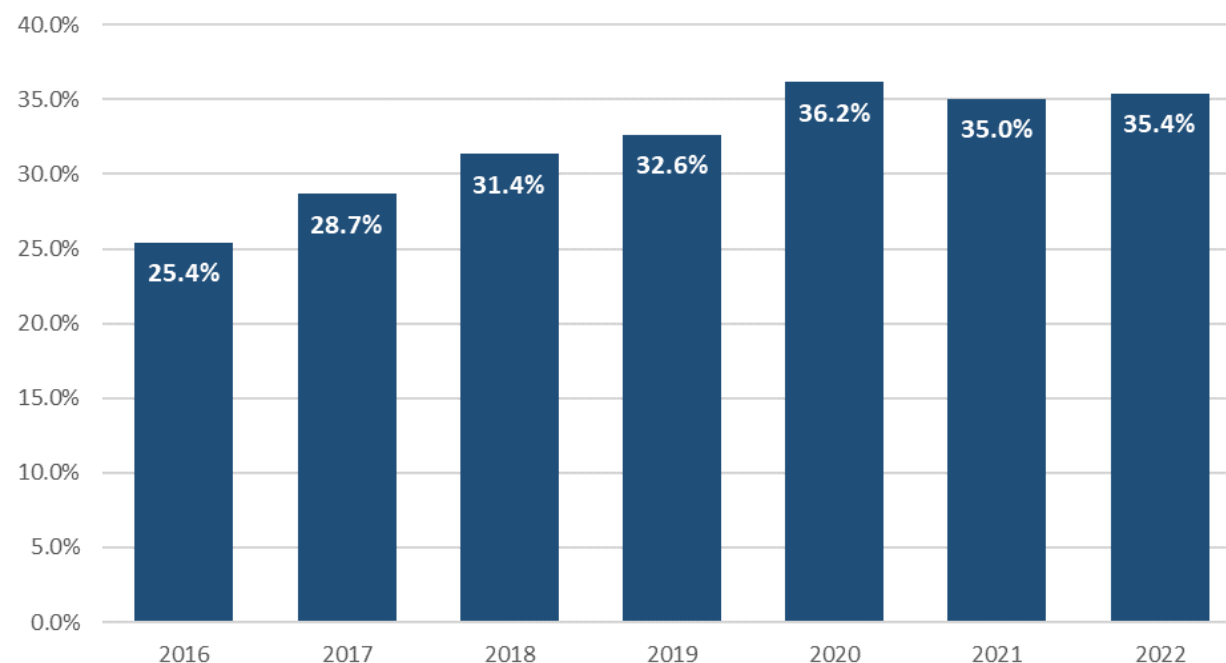
- 1,781 Flu shots administered last week vs 2,320 the week prior
- There have been 3.07 million Flu Vaccine doses administered (36% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

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 April 22nd



Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 8 doses administered last week out of the total 22,255 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

