
Virginia Respiratory Disease and Mpox Data Update

May 25, 2023



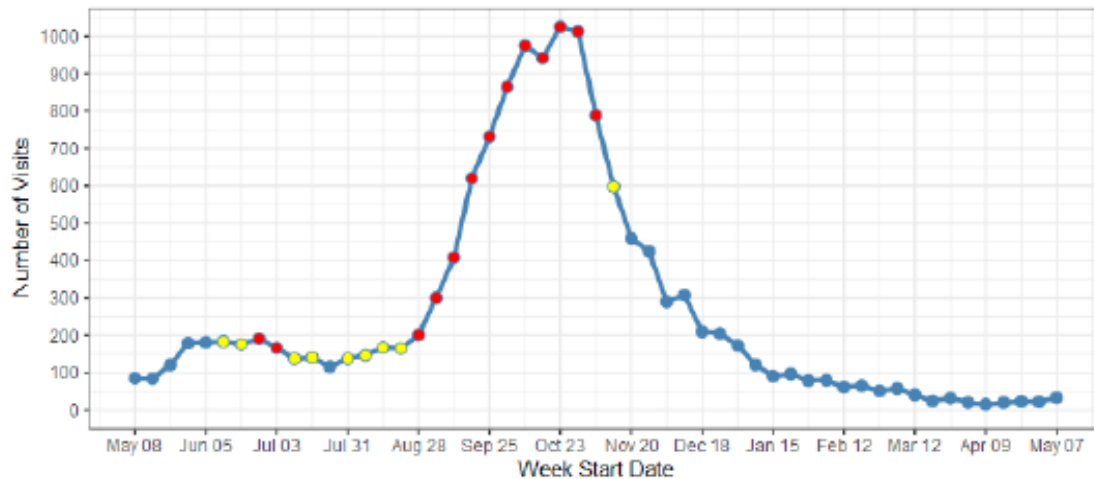
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

Virginia: Respiratory Disease Syndromic Surveillance

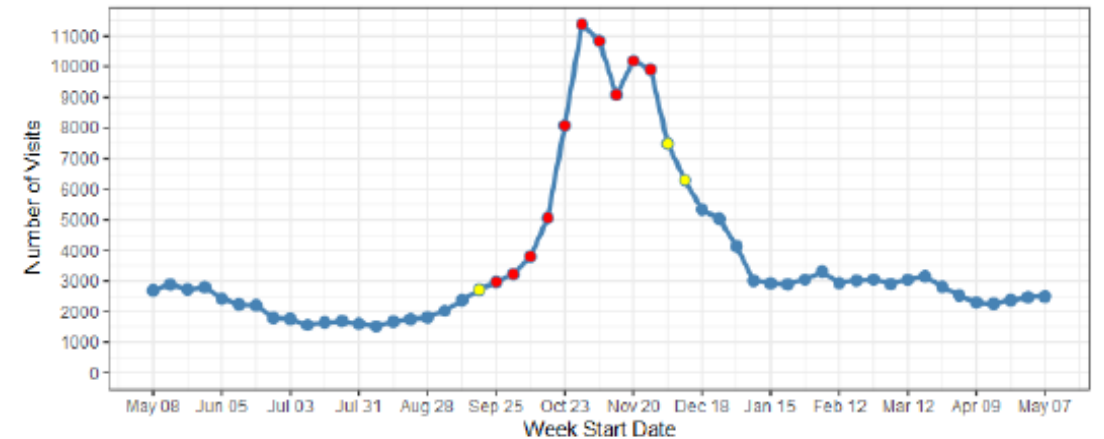
*Diagnosed Respiratory Syncytial Virus (RSV)		
04/23 – 04/29 (MMWR Week 17)	04/30 – 05/06 (MMWR Week 18)	05/07 – 05/13 (MMWR Week 19)
23 visits	22 visits	33 (+50%)
Data is from the week of May. 07 – May. 13, 2023. Percent change is from week prior		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

Weekly ED and Urgent Care Visits with Diagnosed RSV
05/08/22 – 05/13/23



*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits		
04/23 – 04/29 (MMWR Week 17)	04/30 – 05/06 (MMWR Week 18)	05/07 – 05/13 (MMWR Week 19)
2,373	2,477	2,499 (<5%)
Data is from the week of May 07. 30 – May. 13, 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
05/08/22 – 05/13/23



- Virginia reported 2.3% of all ED and urgent care visits were for ILI, during the week ending 05/13
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 8.8% 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>

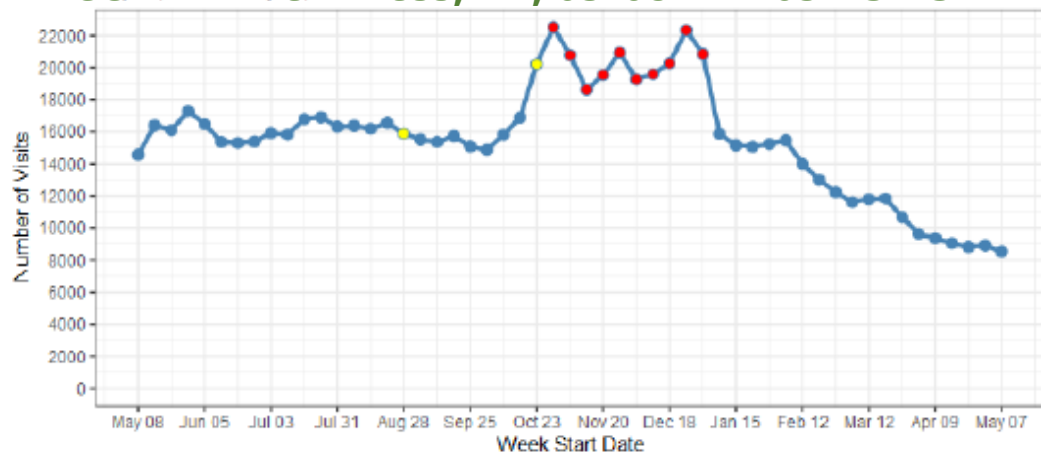
*COVID-Like Illness ED and Urgent Care Visits

04/23 – 04/29 (MMWR Week 17)	04/30 – 05/06 (MMWR Week 18)	05/07 – 05/13 (MMWR Week 19)
8,736	8,916	8,540 (<5%)

Data is from the week of May. 07 - May. 13, 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.

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 05/08/22 - 05/13/23

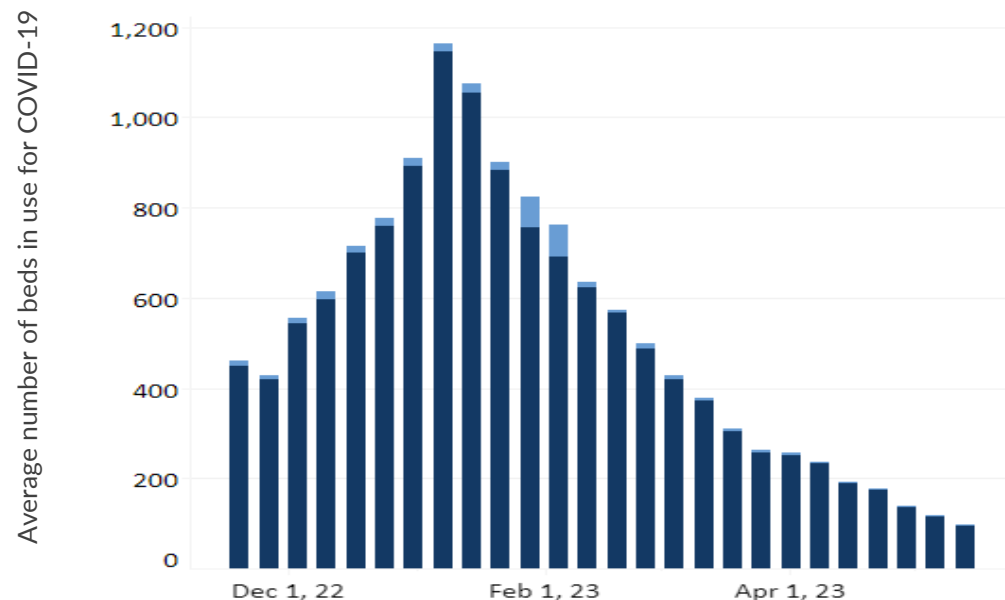


For the week ending May 13, 2023, MMWR week 19:

* Compared to last week:

- Hospital Census Data shows a **decrease of 17%** to 98 average beds in use for COVID-19
- The number of deaths reported for this week is 1 (confirmed & probable)

COVID-19 Hospital Census Trends Virginia, November 2022 – May 2023



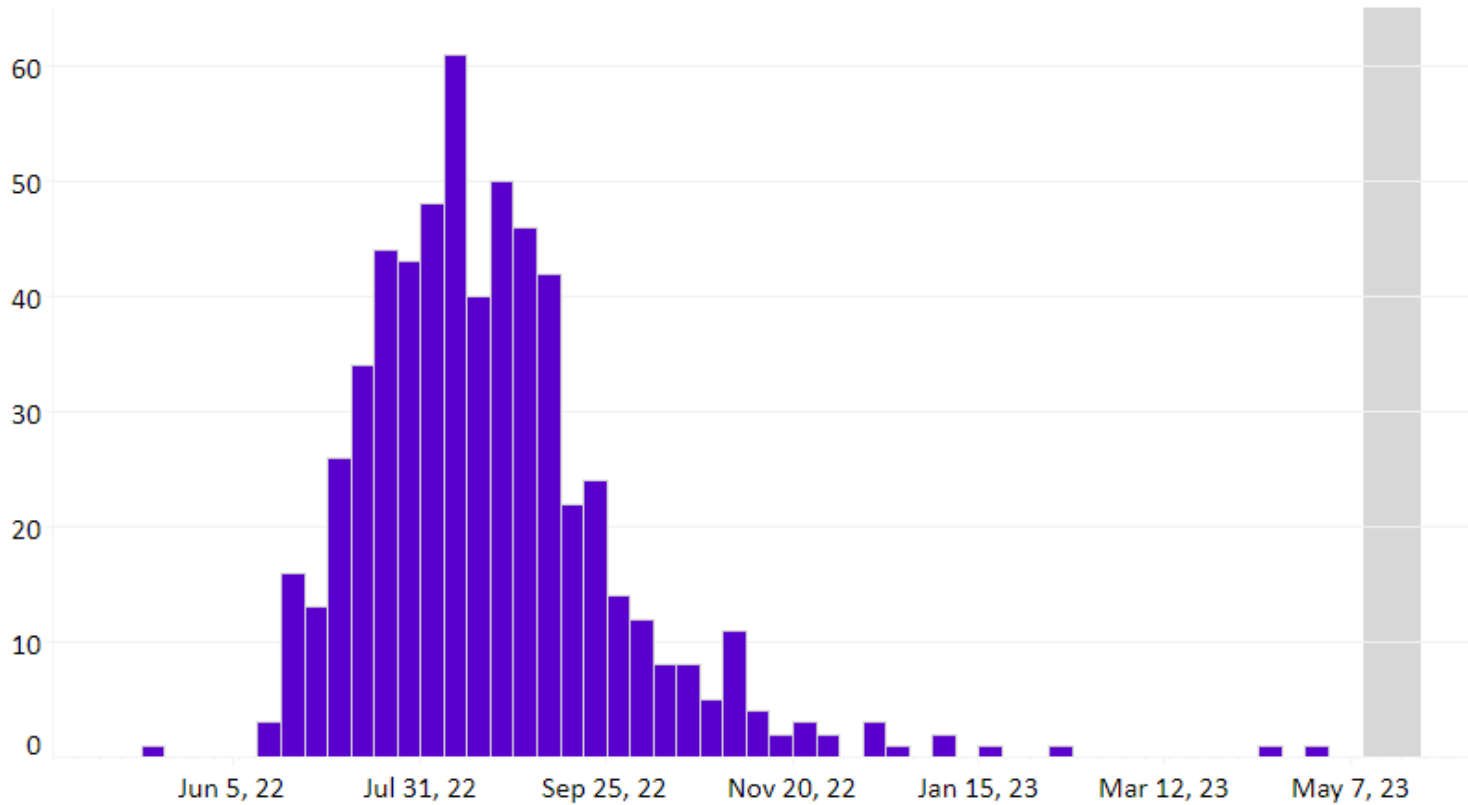
■ Pediatric
■ Adult

*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)



Mpox Cases By Age and Sex (as of 05/23/2023)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.4%)
20-29 Years	209 (36.5%)
30-39 Years	226 (39.5%)
40-49 Years	84 (14.7%)
50-59 Years	33 (5.8%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.3%)
Sex	
Female	32 (5.6%)
Male	540 (94.4%)

Total Cases	572
Hospitalizations	31
Deaths	2

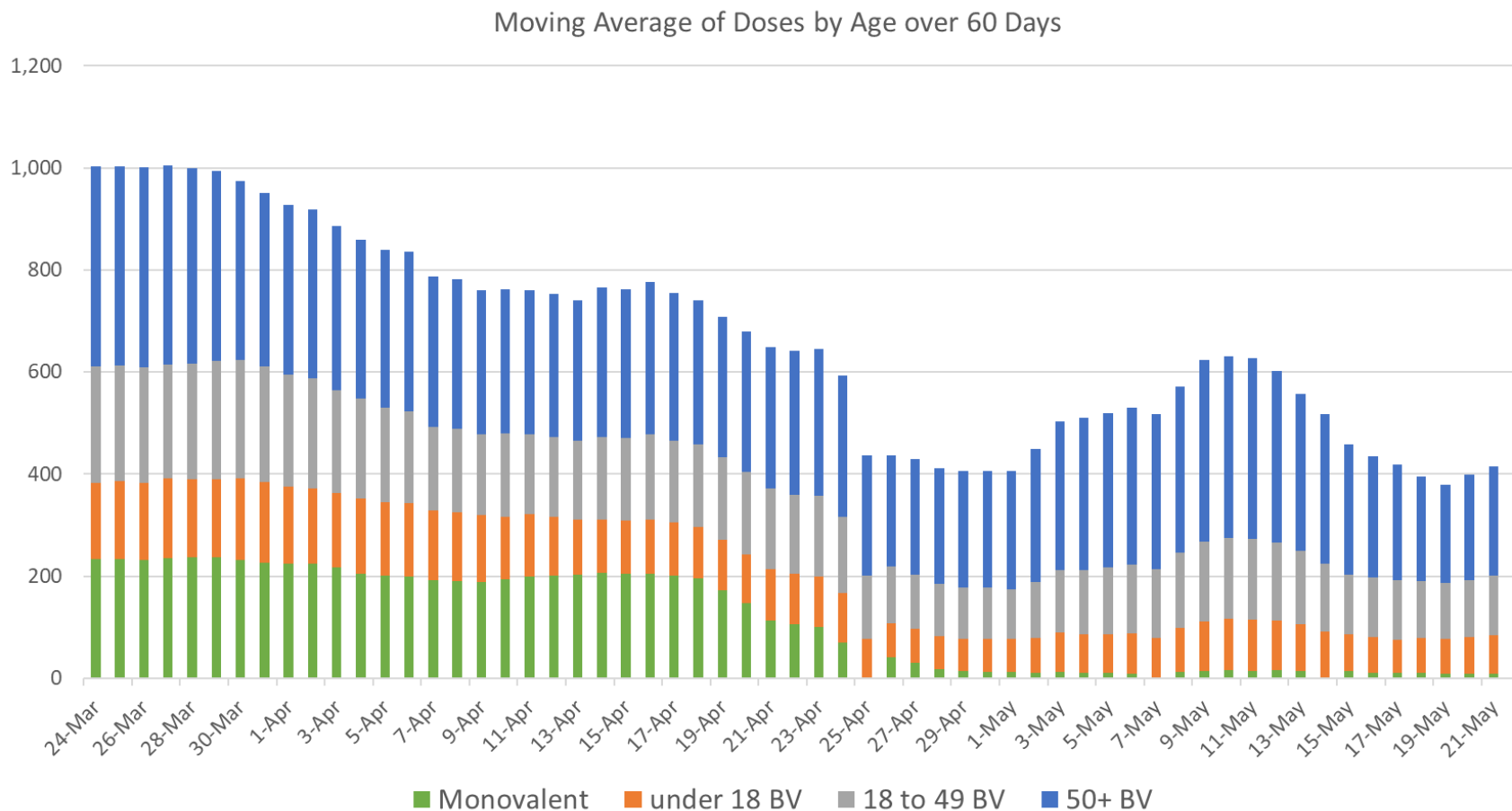
*Data represent investigations with notifications submitted in VEDSS.

Vaccine Updates

May 25, 2023

Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,516,714 Bivalent Covid-19 Vaccine Doses Administered
- Since the New Vaccine Guidance was issued on April 19th there have been 15,354 Bivalent Doses and 153 Monovalent Doses (Pfizer under 5)
- 17.8% of the total population is Up to Date with their vaccinations

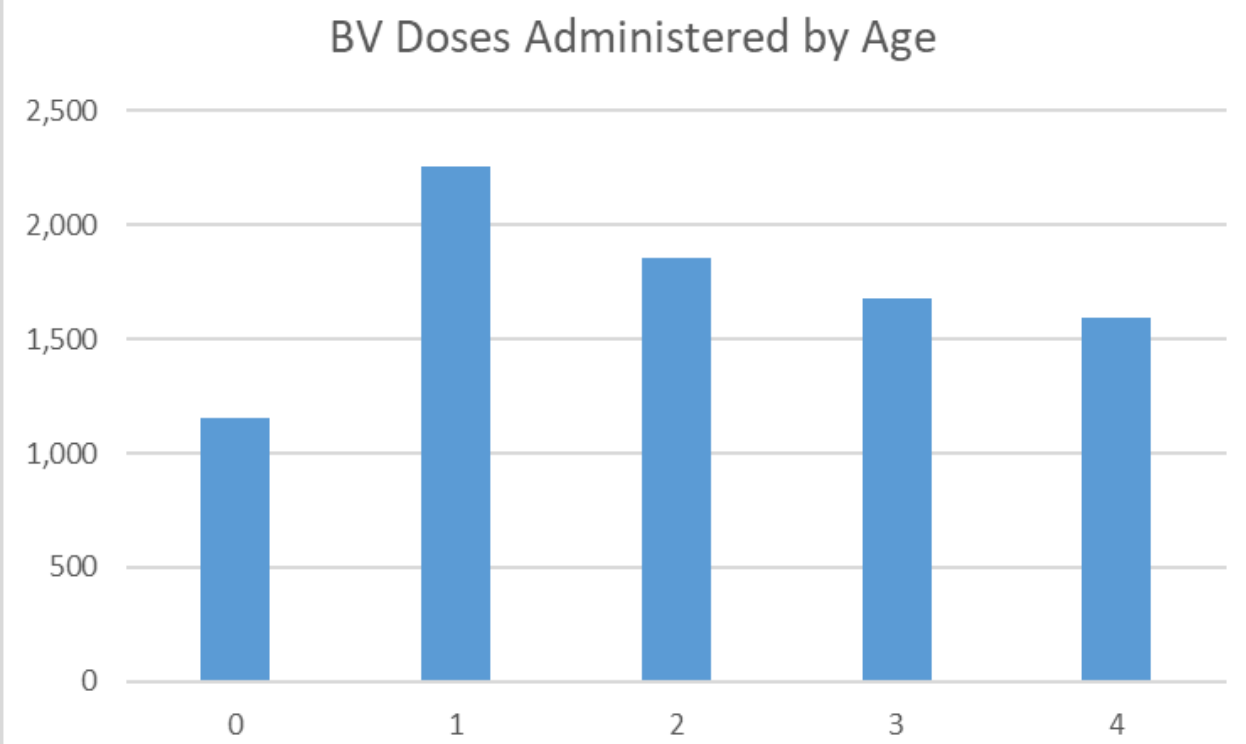
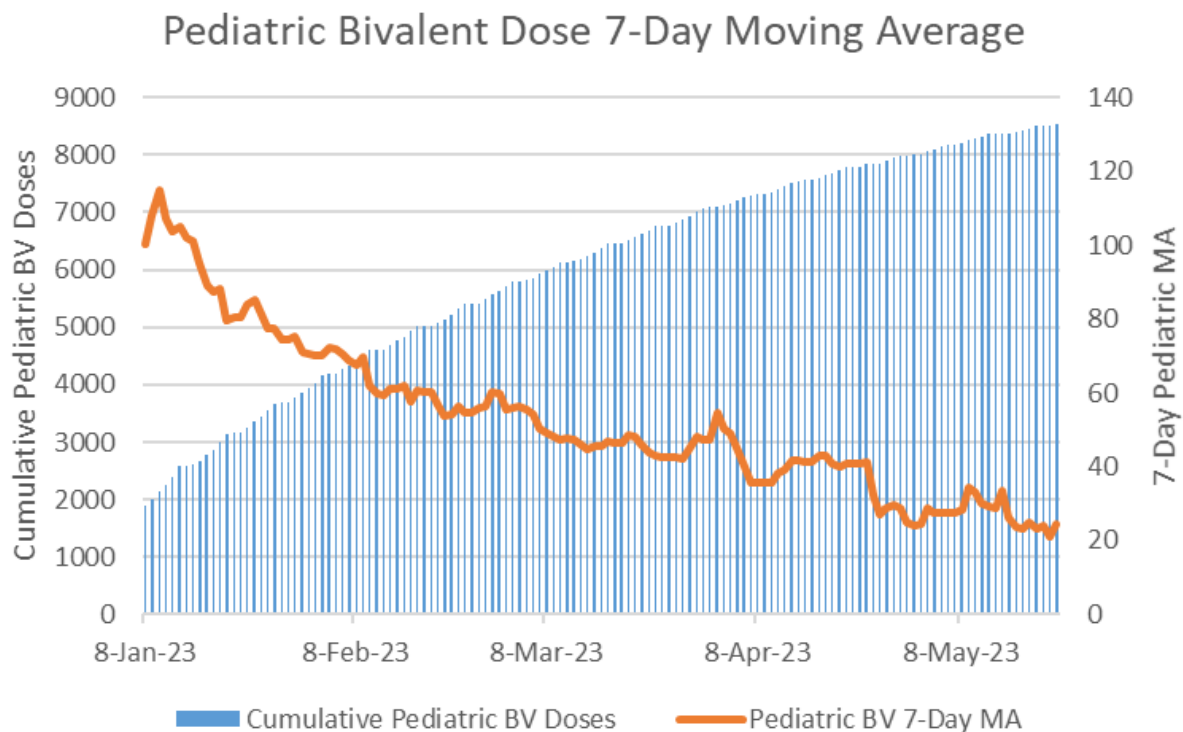


Federal doses not included in this number

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

Virginia: Pediatric Bivalent Doses

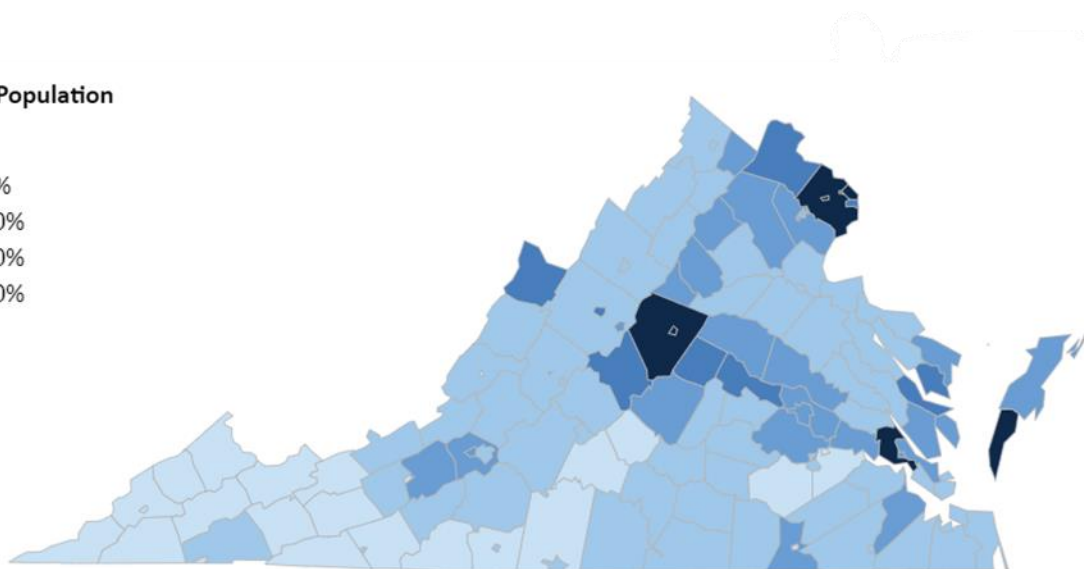
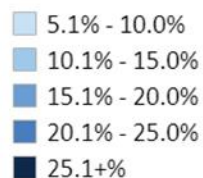
- 8,538 Pediatric Bivalent Doses (4 and Under) have been administered since Dec. 8th 2022
- 145 Pediatric BV Doses were administered last week compared to 201 the week before.
- 66% of Pediatric BV Doses have been Pfizer while 34% have been Moderna



Virginia: COVID Vaccination across the Commonwealth by Geography

Percent of the Population Up To Date by Locality

Percent of the Population Up to Date

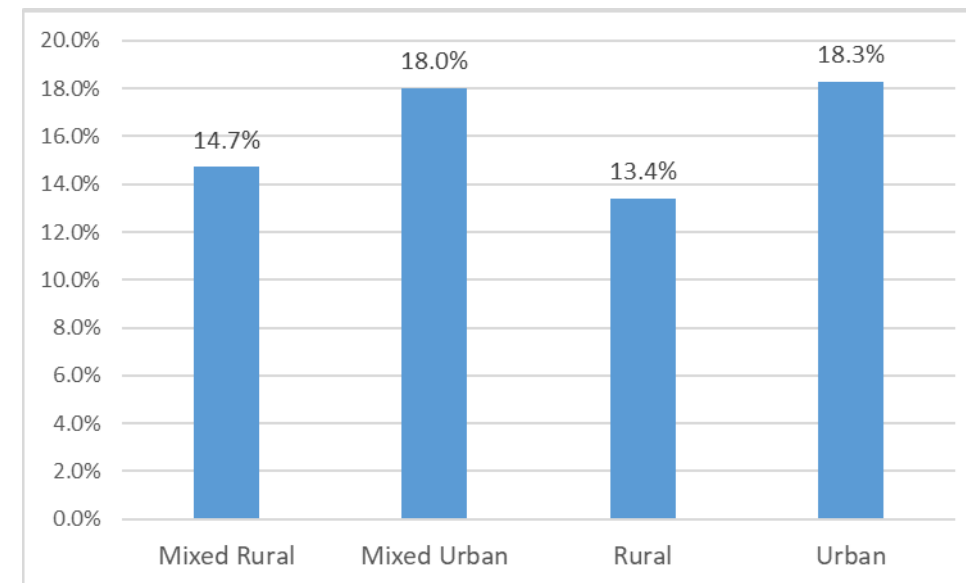


- 74.0% of the Total Population has completed their primary series
- 17.8% of the Total Population has a Bivalent Booster
- Virginia is 16th in the nation in Bivalent uptake

Vaccination Rates by Region

Health Region	Bivalent Uptake	Change
Central	16.0%	0.0%
Eastern	13.5%	0.0%
Northern	22.8%	0.1%
Northwest	16.1%	0.1%
Southwest	11.4%	0.1%

Bivalent Uptake by Urban / Rural



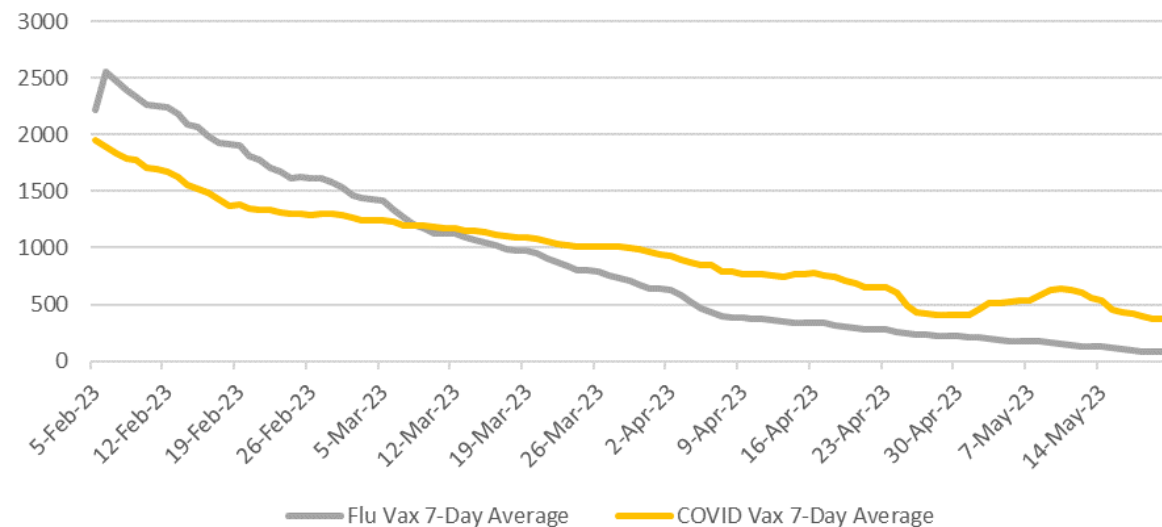
Federal doses not included in this number

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

Virginia: Flu Vaccine Update

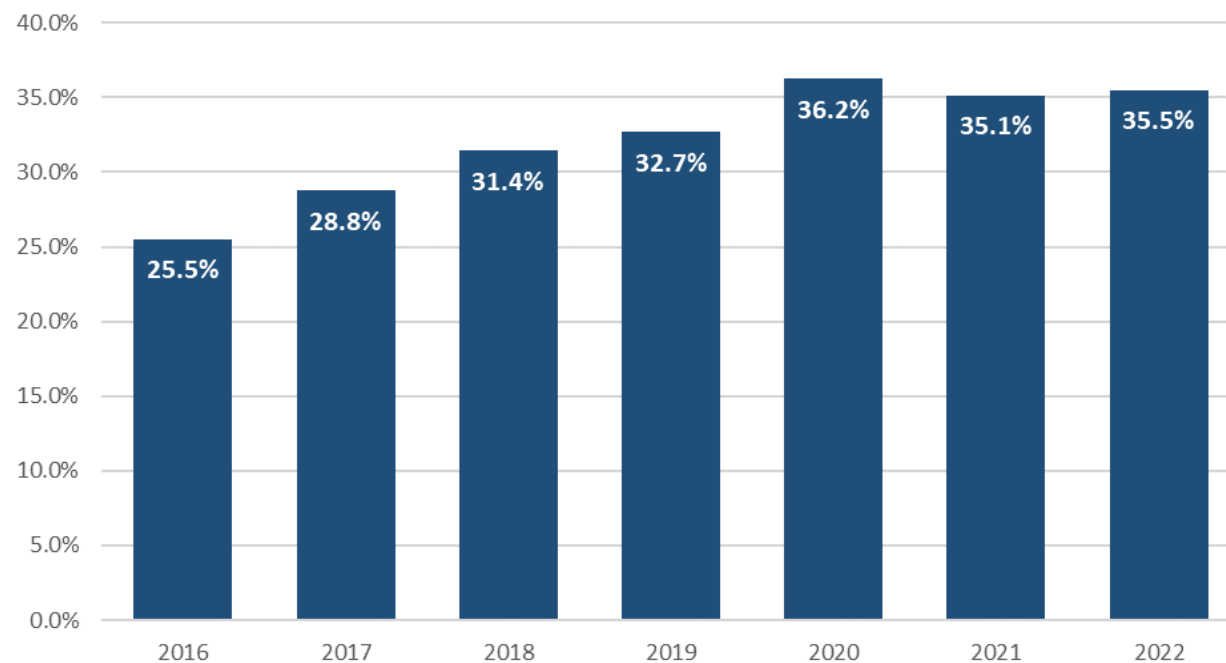
- 545 Flu shots administered last week vs 907 the week prior
- There have been 3.07 million Flu Vaccine doses administered (36% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

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 20th



Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 16 doses administered last week out of the total 22,331 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

