
Virginia Respiratory Disease and Monkeypox Data Update

February 16, 2023



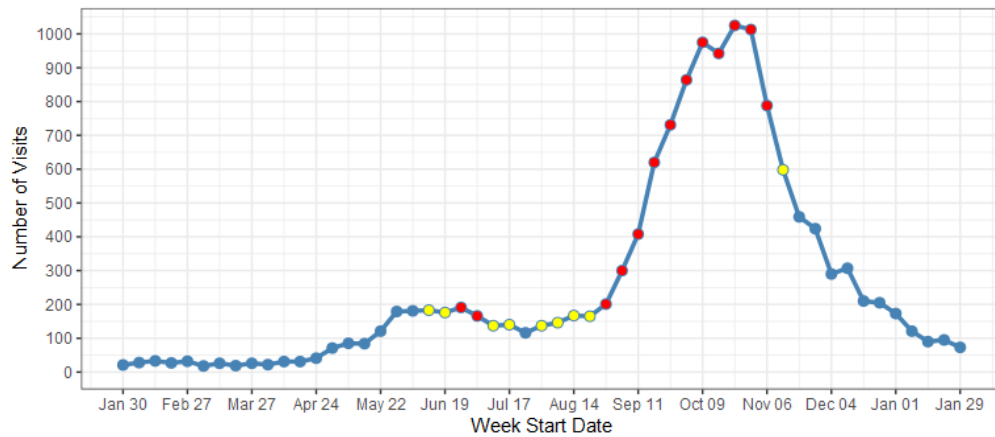
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

Virginia: Respiratory Disease Syndromic Surveillance

*Diagnosed Respiratory Syncytial Virus (RSV)		
01/15 – 01/21 (MMWR Week 3)	01/22 – 01/28 (MMWR Week 4)	01/29 – 02/04 (MMWR Week 5)
89 visits	95 visits	73 (-23%)
Data is from the week of Jan. 29 – Feb. 4, 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
01/30/22 – 02/04/23**

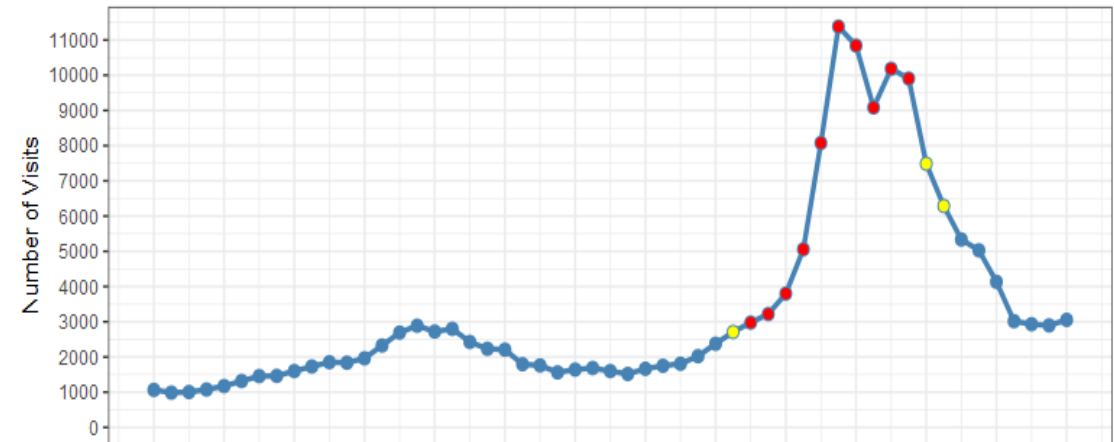


- Nationally, RSV hospitalization rates nationally decreased from 0.8 to 0.5 per 100k, during the week ending 01/28

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>

*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits		
01/15 – 01/21 (MMWR Week 3)	01/22 – 01/28 (MMWR Week 4)	01/29 – 02/04 (MMWR Week 5)
2,930	2,896	3,053 (+5%)
Data is from the week of Jan. 29 – Feb. 4, 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
01/30/22 – 02/04/23**



- Virginia reported 3.3% of all ED and urgent care visits were for ILI, during the week ending 02/04
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 10.5% of all visits

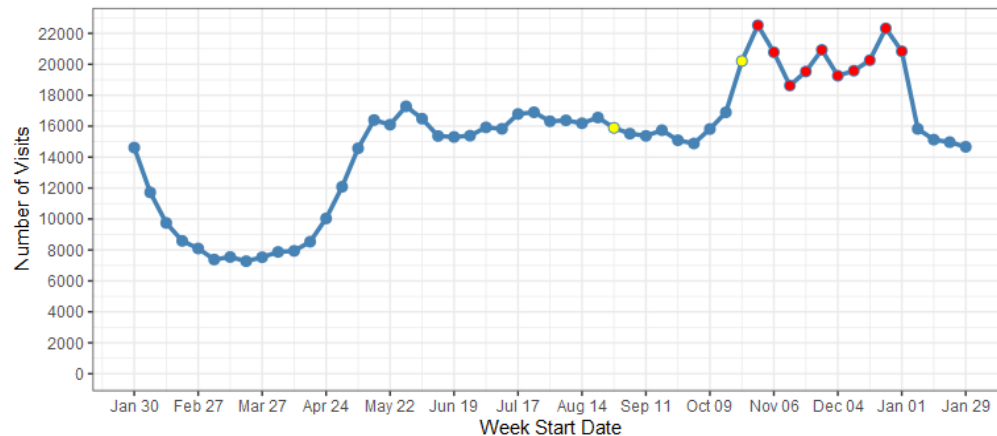
*COVID-Like Illness ED and Urgent Care Visits		
01/15 – 01/21 (MMWR Week 3)	01/22 – 01/28 (MMWR Week 4)	01/29 – 02/04 (MMWR Week 5)
15,050	14,966	14,665 (<5%)
Data is from the week of Jan. 29- Feb. 4, 2023. Percent change is from week prior		
*CLI - ED visits noting symptoms of fever + respiratory complaint (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 February 4, 2023, MMWR week 5:

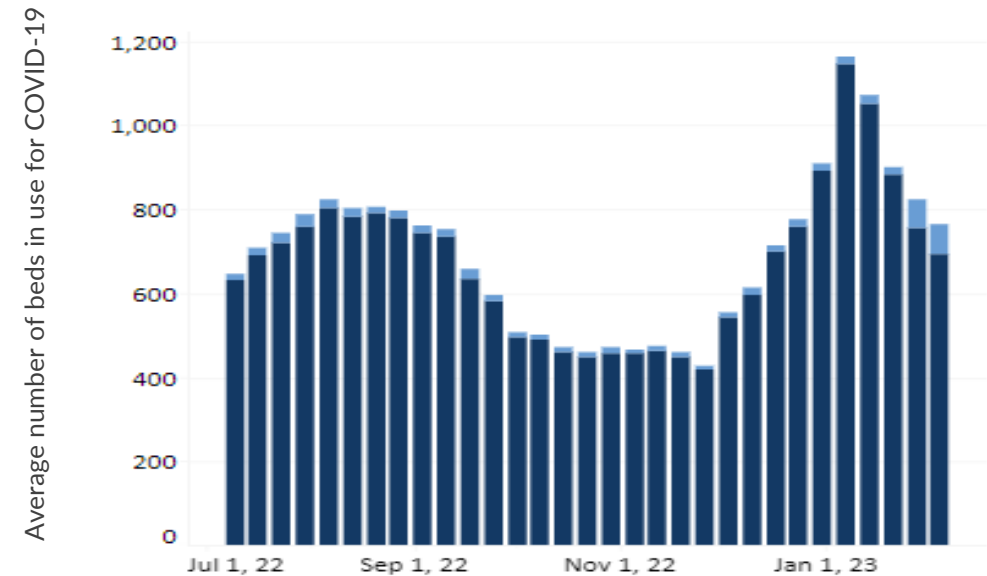
* Compared to last week:

- Weekly case rate **decreased 8%** to 114 per 100K
- Hospital Census Data shows a **decrease of 7%** to 766 average beds in use for COVID-19
- The number of deaths reported for this week is 5 (confirmed & probable)

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 01/30/22 - 02/04/23



COVID-19 Hospital Census Trends Virginia, July 2022 - February 2023



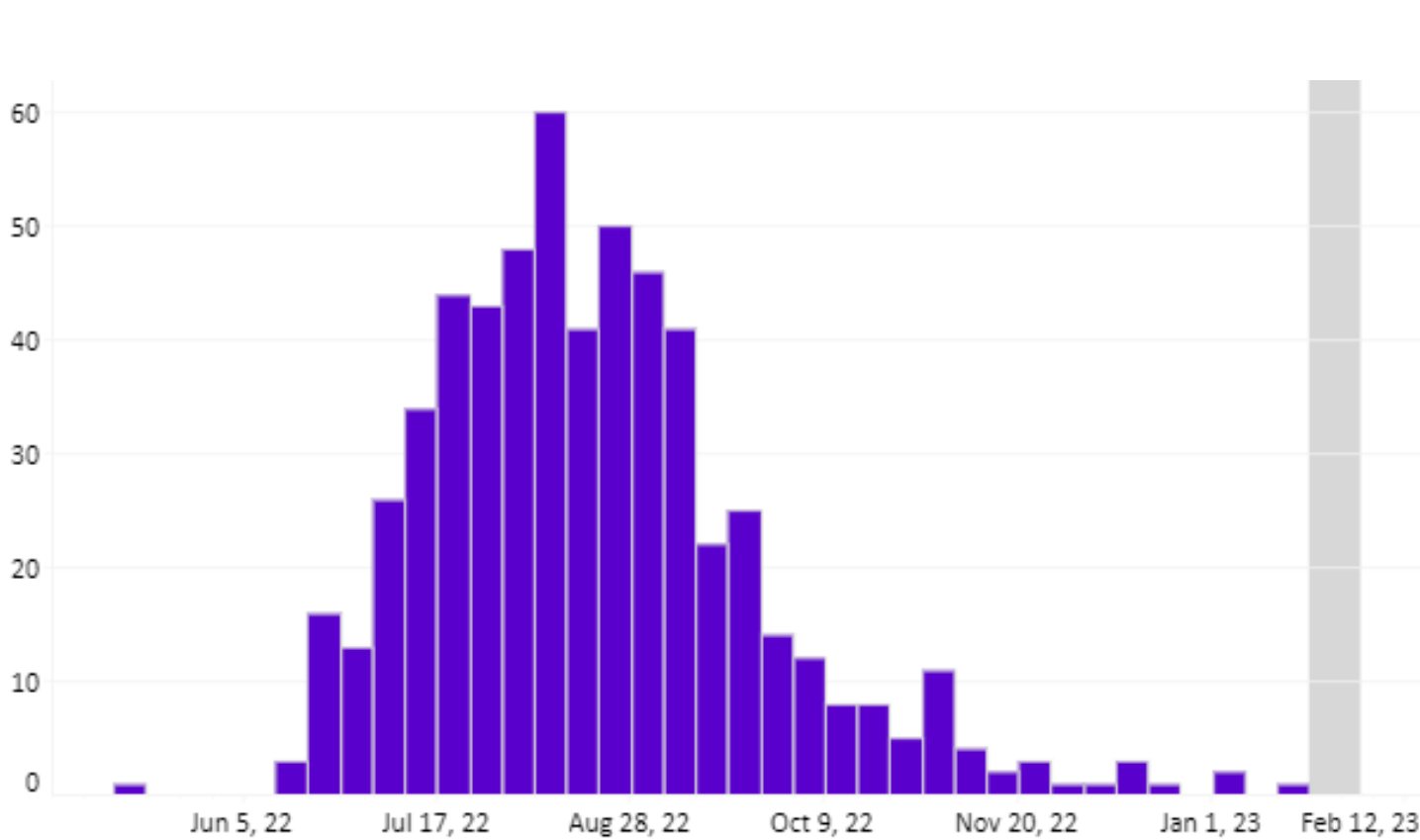
*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)

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 – 2/2023)



Mpox Cases By Age and Sex (as of 2/7/2023)

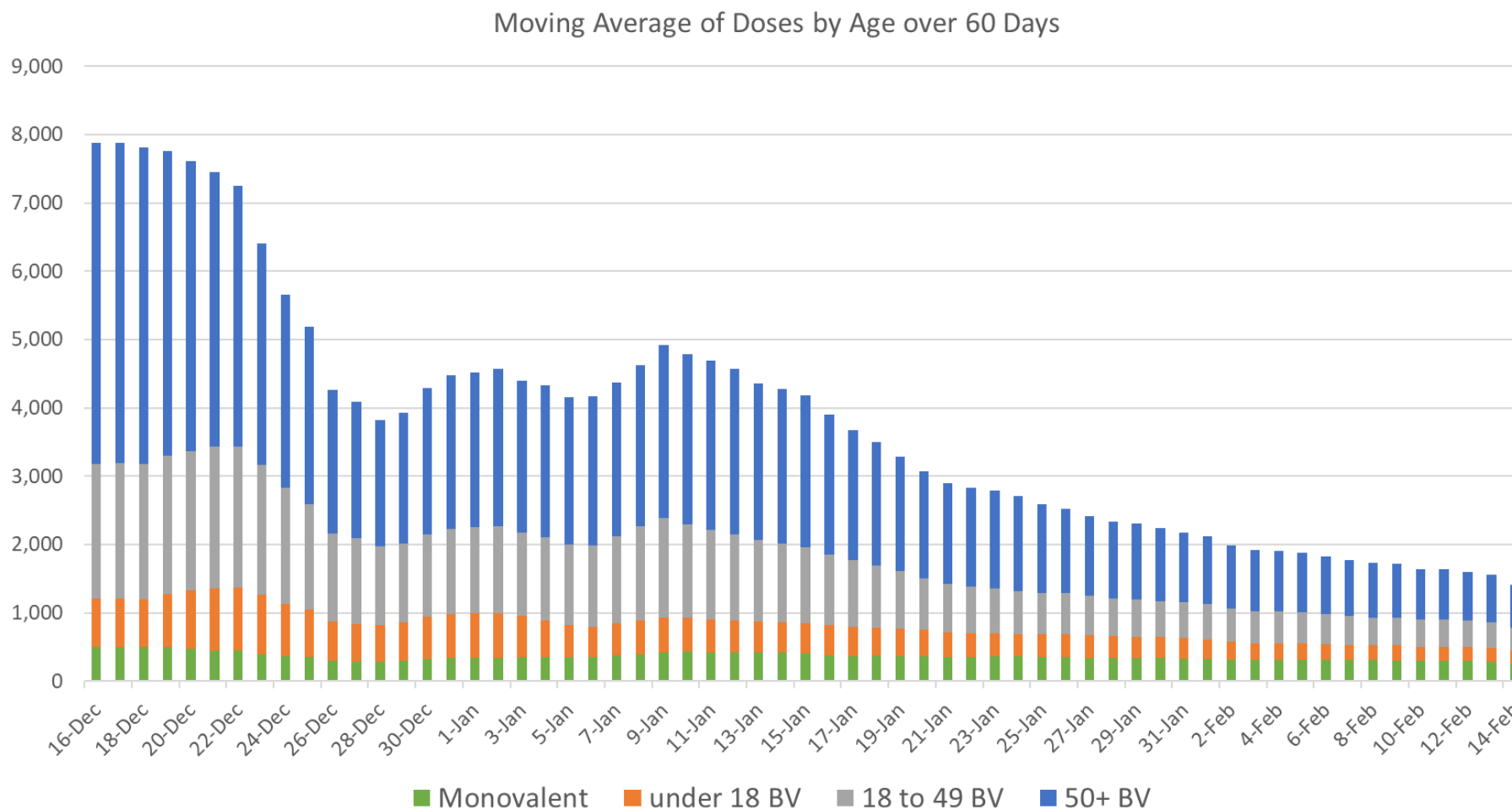
Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.5%)
20-29 Years	208 (36.6%)
30-39 Years	226 (39.7%)
40-49 Years	83 (14.6%)
50-59 Years	32 (5.6%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.4%)
Sex	
Female	31 (5.4%)
Male	538 (94.6%)

Total Cases	569
Hospitalizations	30
Deaths	2

*Data represent investigations with notifications submitted in VEDSS.

Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,442,988 Bivalent Covid-19 Vaccine Doses Administered so far
- 83% of doses have been Bivalent so far in February

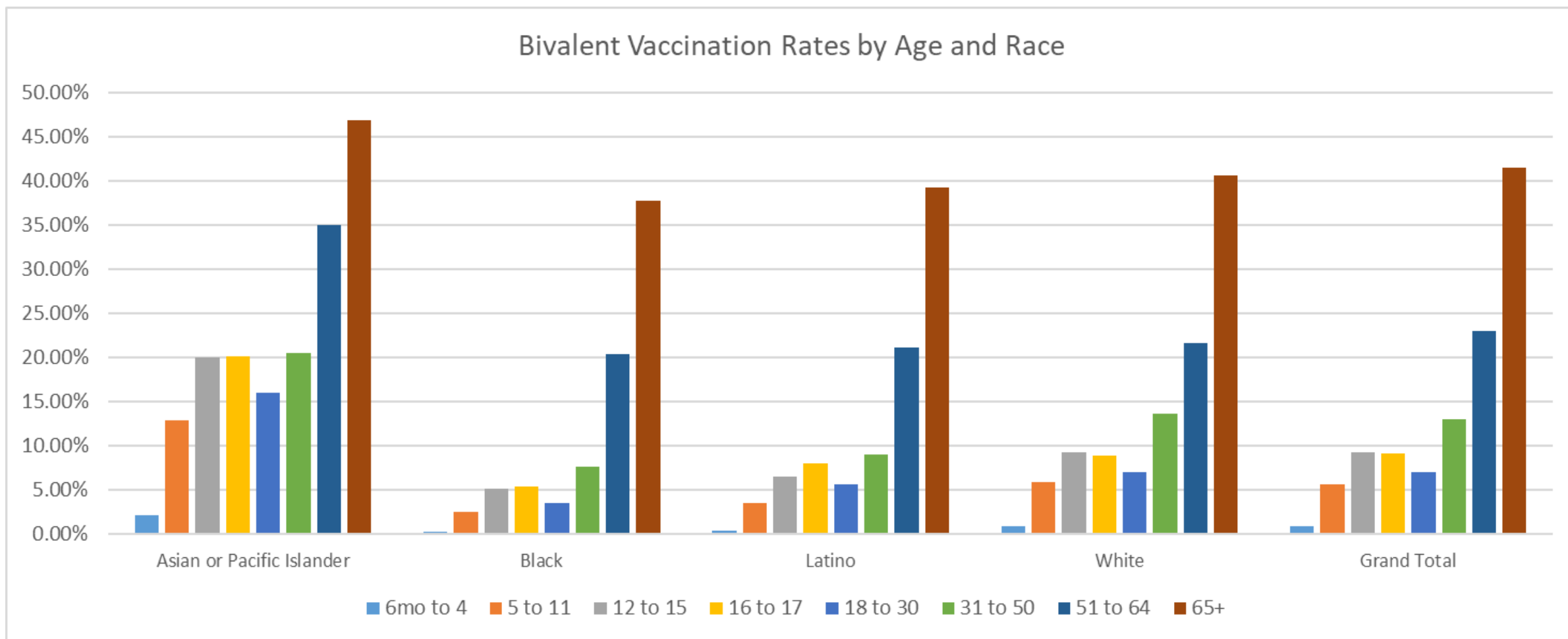


Federal doses not included in this number

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

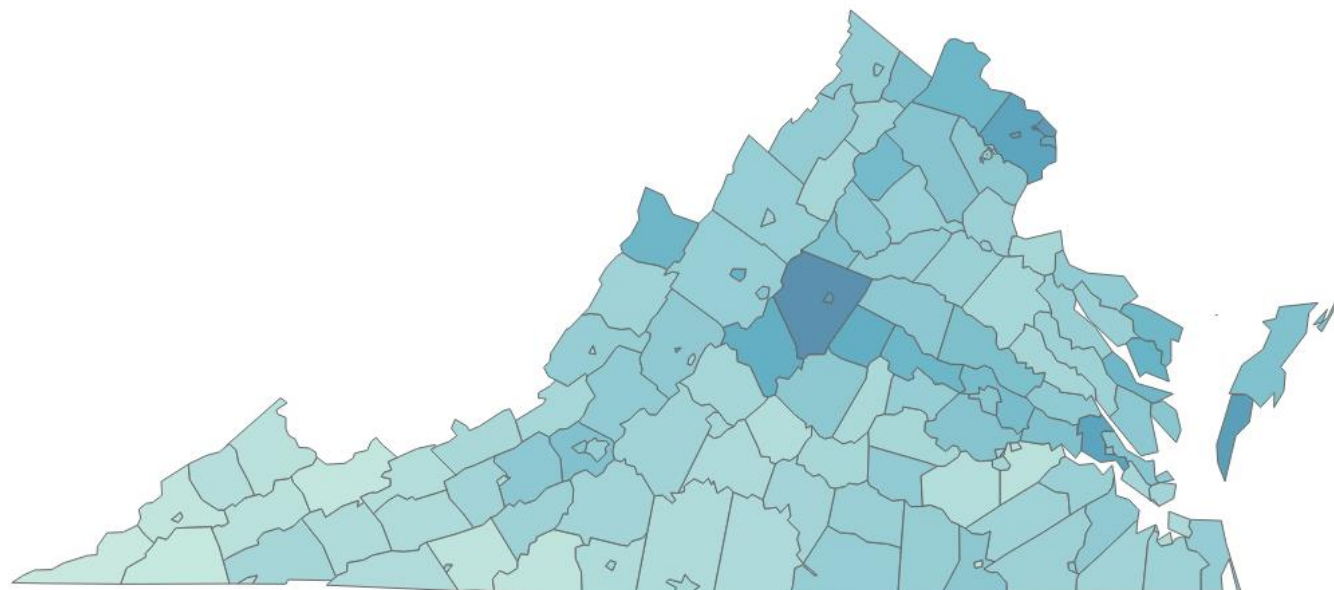
Virginia: Bivalent Vaccination Uptake by Race/Ethnicity and Age

- 40% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake
- There have been 4,750 Pediatric Bivalent Doses Administered



Virginia: Vaccination across the Commonwealth by Geography

Percent of the Total Population with Bivalent Booster by Locality

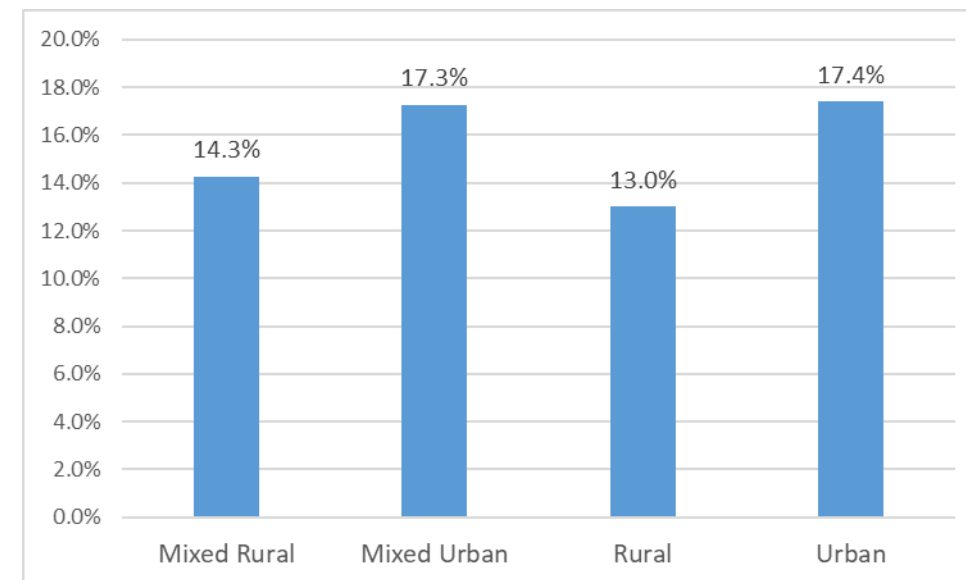


- 73.7% of the Total Population has completed their primary series
- 16.9% of the Total Population has a Bivalent Booster
- 24.1% of the Eligible Population has a Bivalent Booster
- Virginia is 16th in the nation in Bivalent Booster uptake

Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.7%	0.0%
Eastern	60.7%	0.0%
Northern	77.0%	0.0%
Northwest	62.4%	0.0%
Southwest	54.9%	0.0%

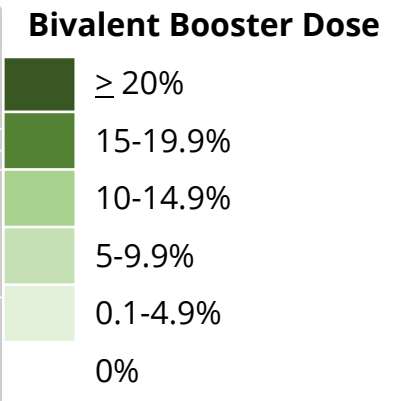
Bivalent Uptake by Urban / Rural



Federal doses not included in this number

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

Virginia and Neighbors: Vaccination Rates



	One Dose*	Fully Vax*	Bivalent Booster**
Nationwide	81.1%	69.2%	15.8%
D.C.	95.0%	90.3%	29.9%
Kentucky	68.8%	59.6%	11.9%
Maryland	91.7%	79.7%	22.9%
North Carolina	92.2%	67.1%	14.3%
Tennessee	64.4%	56.2%	9.7%
Virginia**	91.0%	76.6%	19.9%
West Virginia	67.5%	59.7%	11.1%

*Total population, includes out-of-state vaccinations
 **Percent of fully vaccinated people with a booster dose
 ***Differs from previous slide because all vaccination sources are included

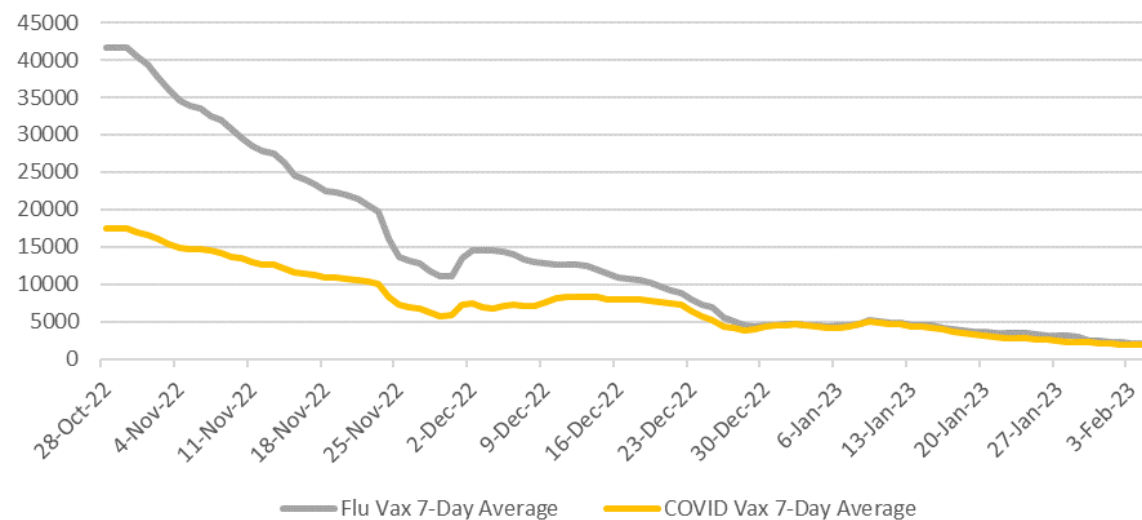
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#38	#37	#40	#37
Maryland	#8	#6	#5	#8
North Carolina	#23	#28	#24	#31
Tennessee	#46	#41	#45	#47
Virginia	#10	#11	#7	#16
West Virginia	#37	#46	#46	#39

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>

Virginia: Flu Vaccine Update

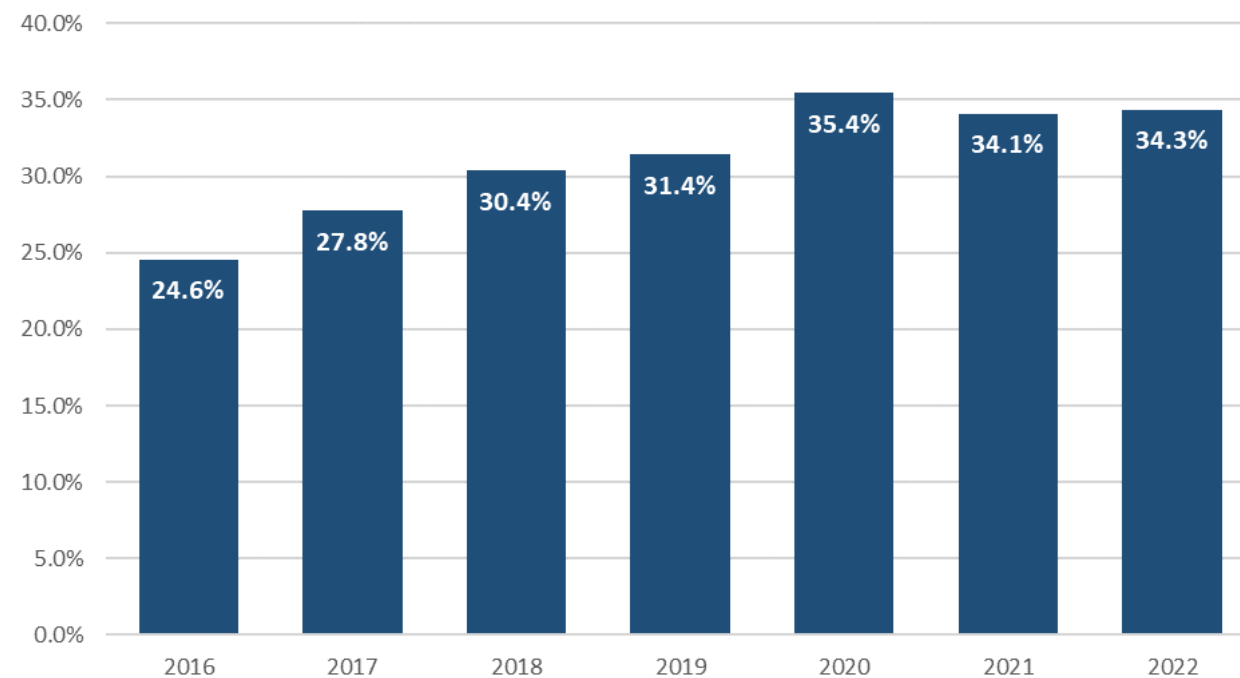
- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since the Winter holidays
- There have been 2.98 million Flu Vaccine doses administered (35% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

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 Feb. 11th

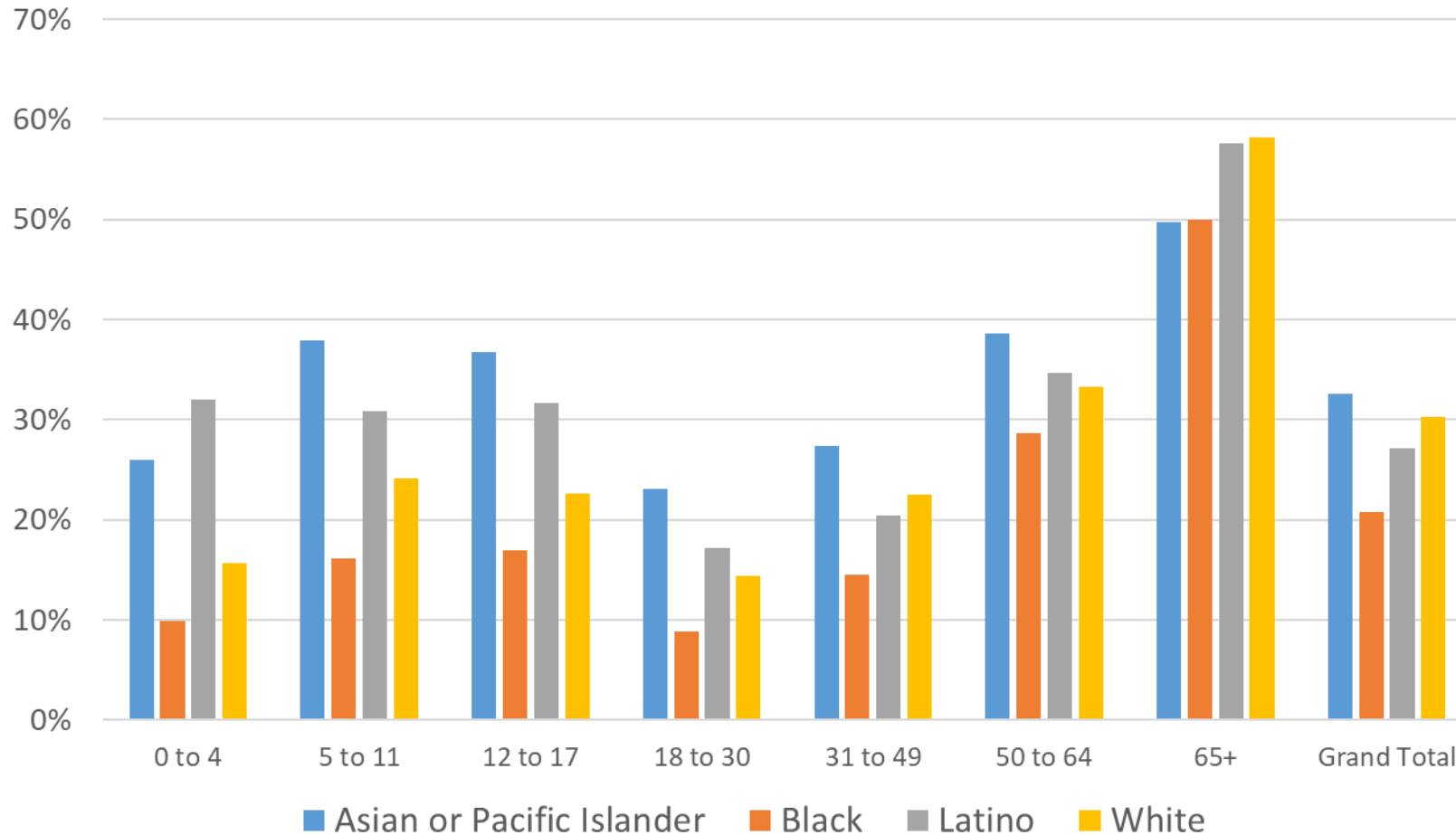


Virginia: Flu Vaccine Uptake by Race / Ethnicity by Age

- The Asian American Population has reached parity with the white population in Flu Vaccine Uptake for 2022
- There are large disparities by race/ethnicity for differing age groups

Parity vs White Population

Race and Ethnicity	Ratio
Asian or Pacific Islander	1.1
Black	0.7
Latino	0.9



Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 120 doses administered last week out of the total 21,963 doses since July 1st.
- 89.5% of Vaccines Administered have been to Males
- 56.0% of Vaccines Administered have in the Northern Region
- The White Population accounts for 56.9% of Vaccinations by Race where data is available

