
Virginia Respiratory Disease and Monkeypox Data Update

March 16, 2023

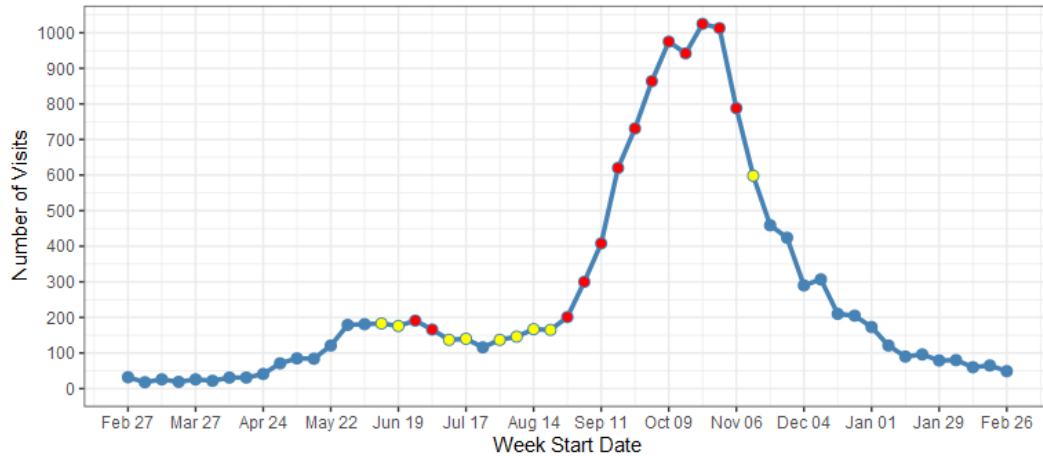


Virginia: Respiratory Disease Syndromic Surveillance

*Diagnosed Respiratory Syncytial Virus (RSV)

02/12 – 02/18 (MMWR Week 7)	02/19 – 02/25 (MMWR Week 8)	02/26 – 03/04 (MMWR Week 9)
60 visits	65 visits	49 (-25%)
Data is from the week of Feb. 26 – Mar. 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
02/27/22 – 03/04/23**

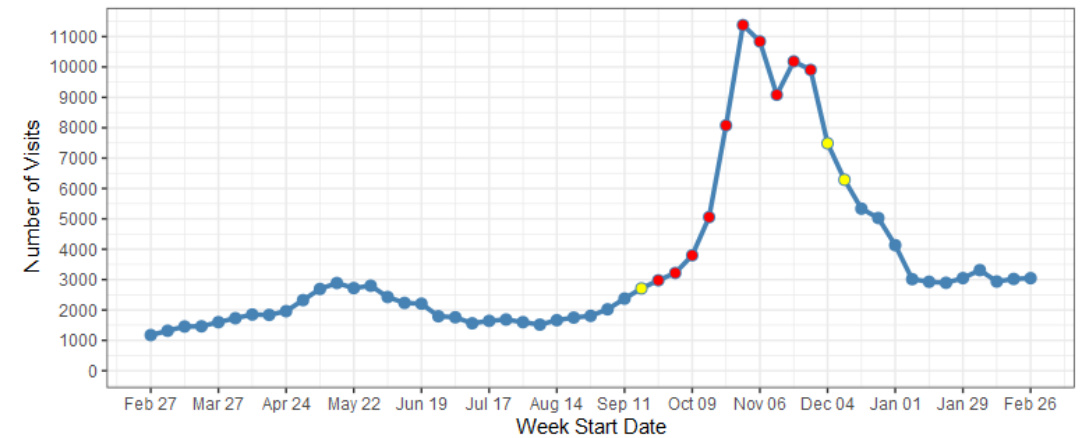


- Nationally, RSV hospitalization rates nationally decreased from 0.3 to 0.2 per 100k, during the week ending 03/04

*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits

02/12 – 02/18 (MMWR Week 7)	02/19 – 02/25 (MMWR Week 8)	02/26 – 03/04 (MMWR Week 9)
2,934	3,021	3,047 (<5%)
Data is from the week of Feb. 26 – Mar. 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
02/27/22 – 03/04/23**



- Virginia reported 3.0% of all ED and urgent care visits were for ILI, during the week ending 03/04
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 9.4% 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/res_earch/rsv-net/dashboard.html

*COVID-Like Illness ED and Urgent Care Visits		
02/12 – 02/18 (MMWR Week 7)	02/19 – 02/25 (MMWR Week 8)	02/26 – 03/04 (MMWR Week 9)
13,879	12,860	11,671 (-9%)

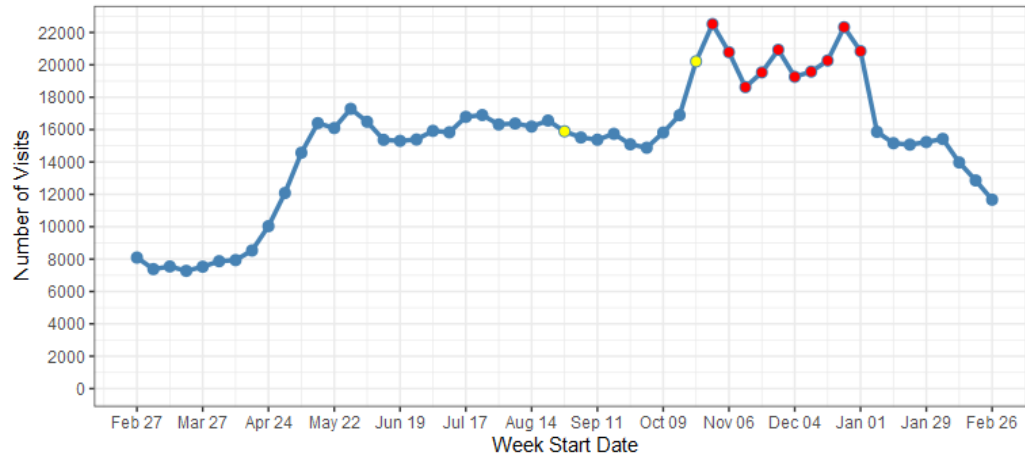
Data is from the week of Feb. 26 - Mar. 4, 2023. Percent change is from week prior

*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.

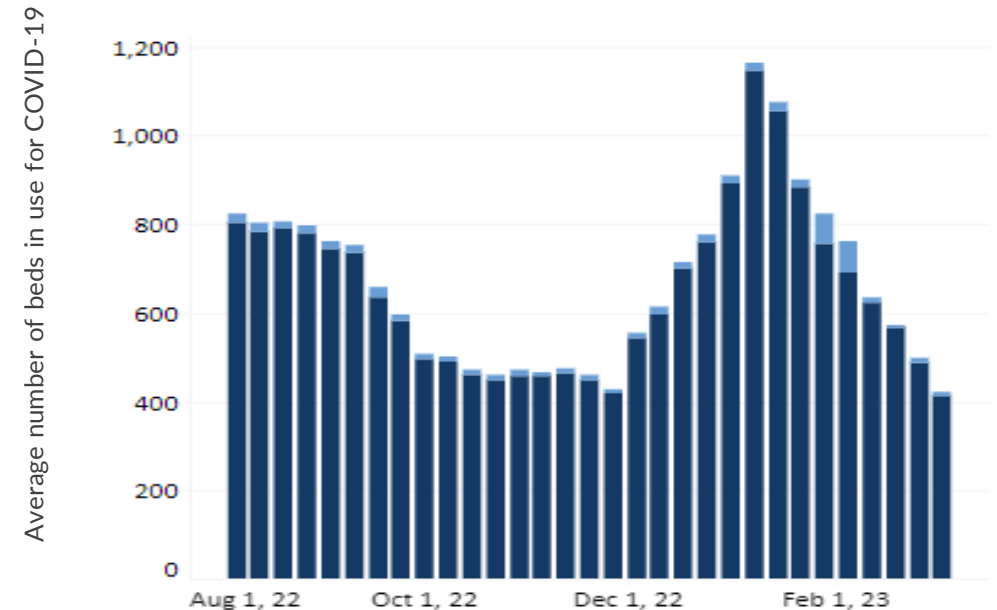
For the week ending March 4, 2023, MMWR week 9:
* Compared to last week:

- Weekly case rate **decreased 10%** to 61.4 per 100K
- Hospital Census Data shows a **decrease of 15%** to 423 average beds in use for COVID-19
- The number of deaths reported for this week is 3 (confirmed & probable)

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 02/27/22 - 03/04/23



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



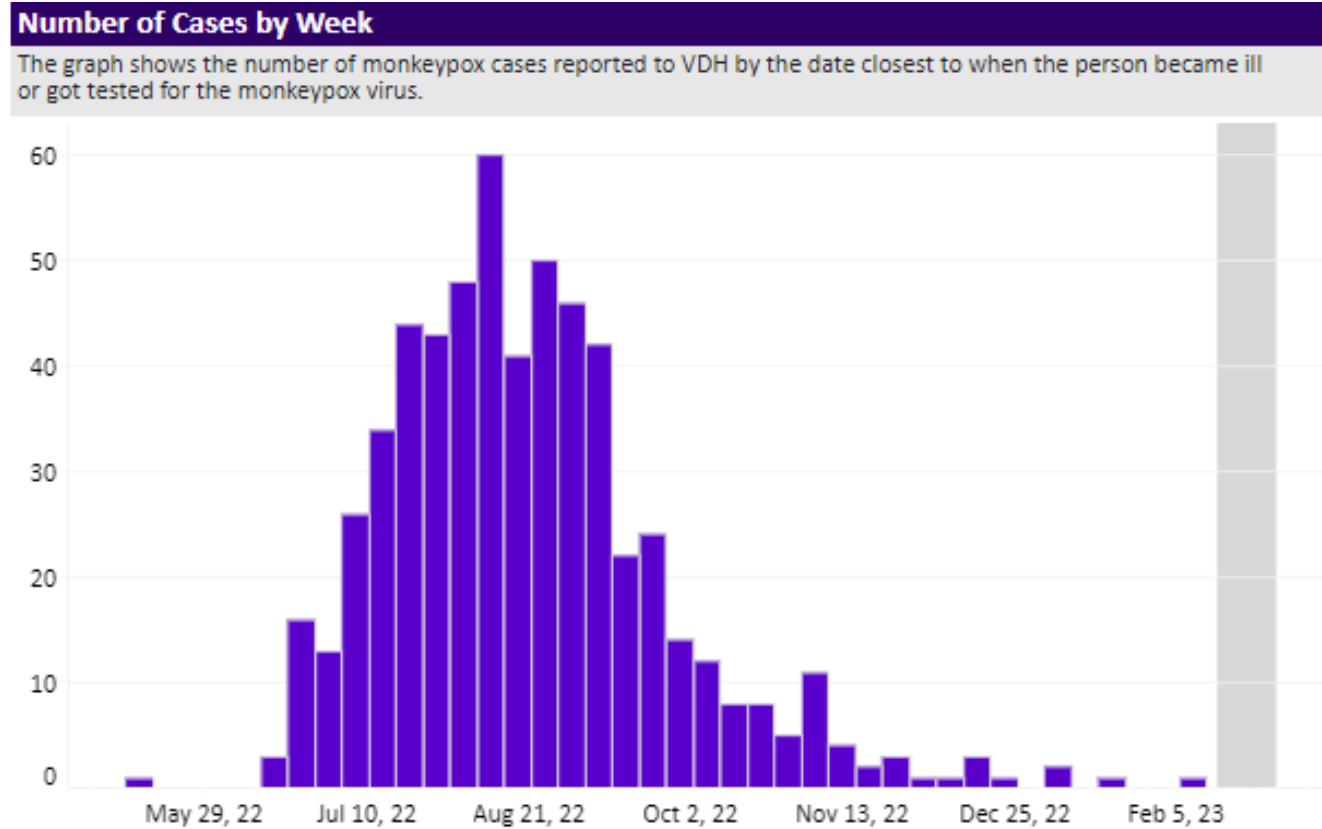
■ Pediatric
■ Adult

*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 – 3/2023)



Total Cases	570
Hospitalizations	30
Deaths	2

Mpox Cases By Age and Sex (as of 03/14/2023)

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	226 (39.6%)
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	539 (94.6%)

*Data represent investigations with notifications submitted in VEDSS.

Vaccine Updates

March 16, 2023

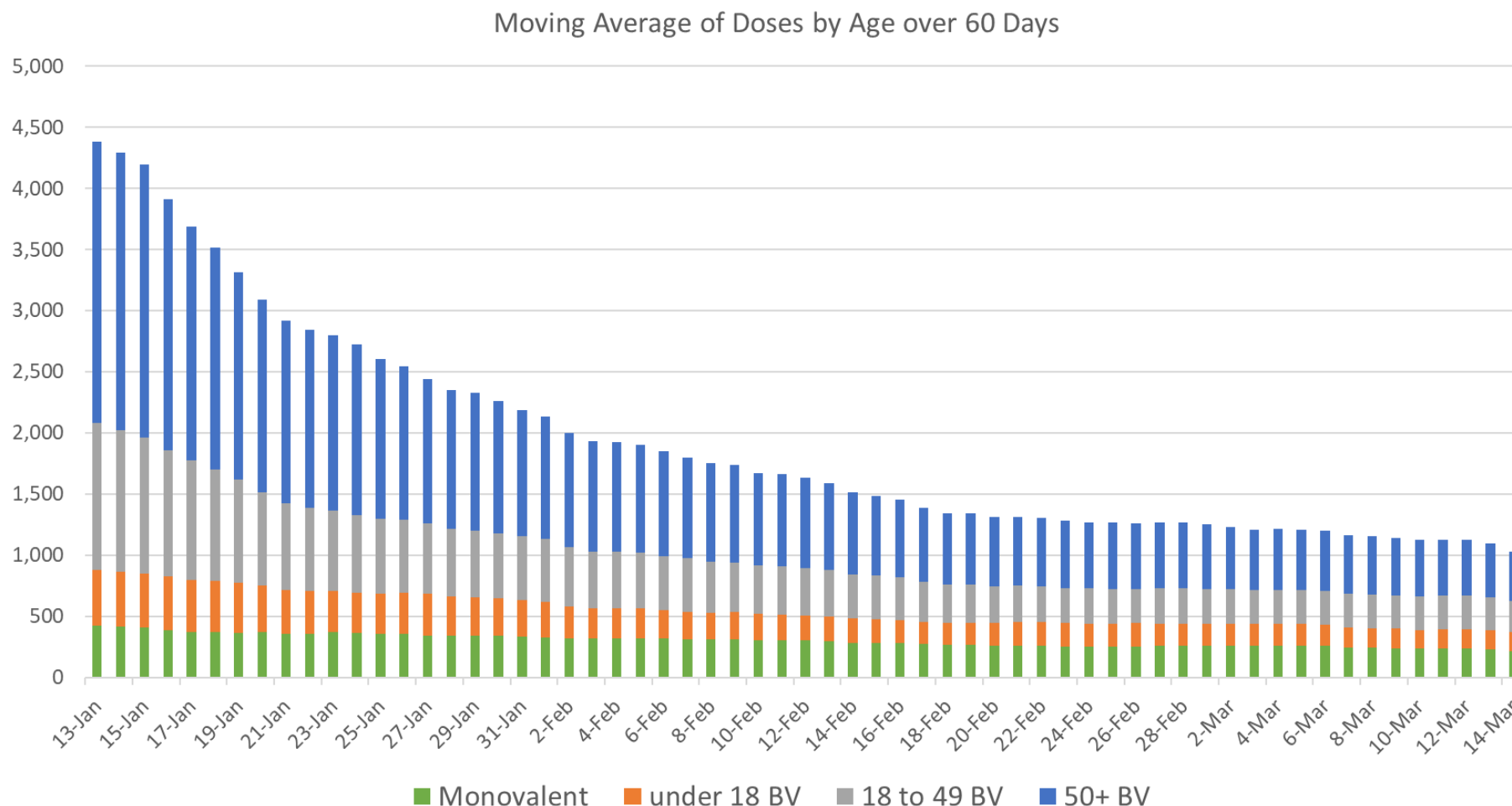


**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,472,316 Bivalent Covid-19 Vaccine Doses Administered so far
- 79% of doses have been Bivalent so far in March

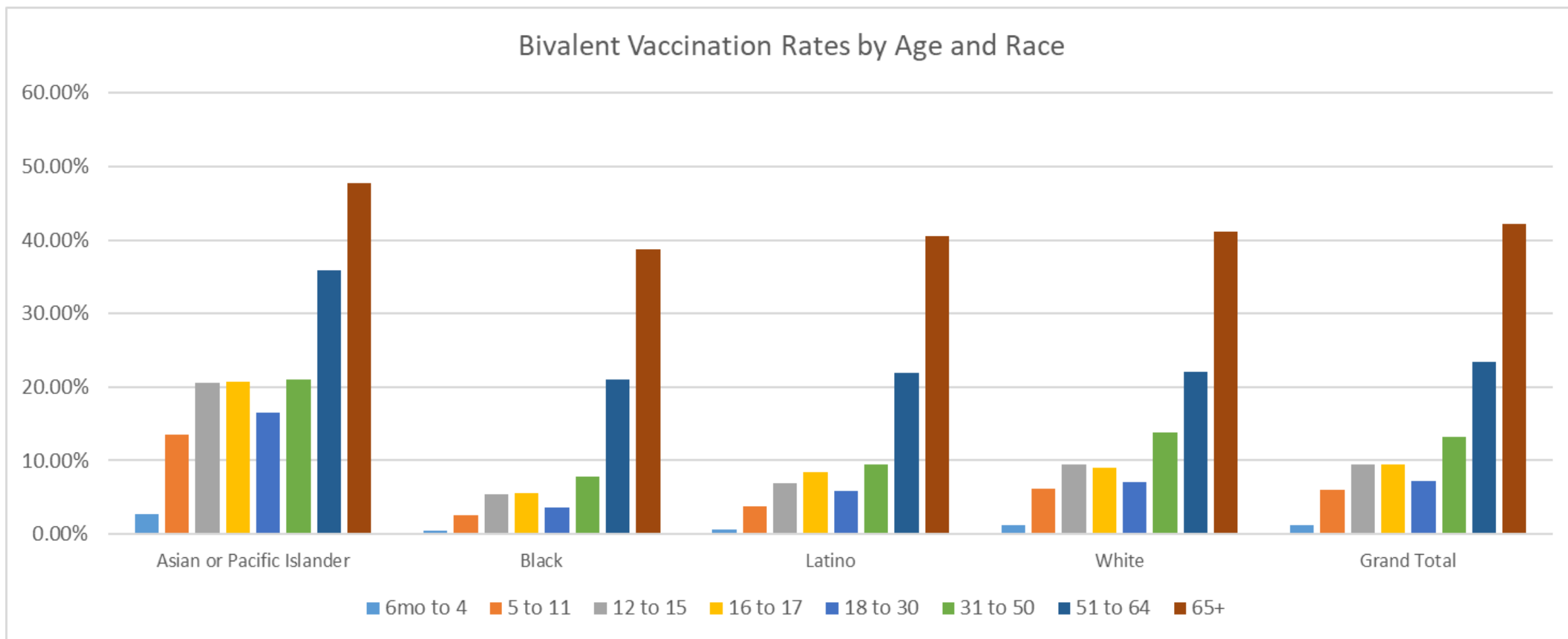


Federal doses not included in this number

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

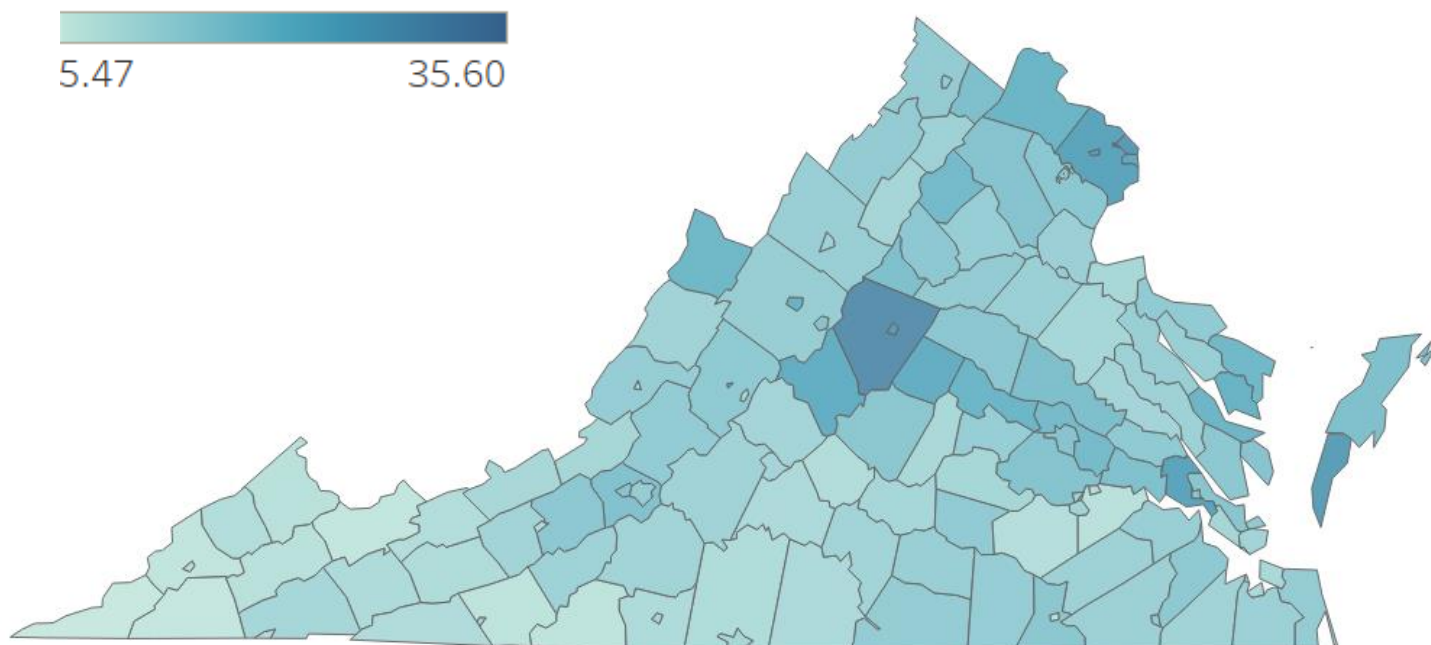
Virginia: Bivalent Vaccination Uptake by Race/Ethnicity and Age

- 40% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake



Virginia: Vaccination across the Commonwealth by Geography

Percent of the Total Population with Bivalent Booster by Locality

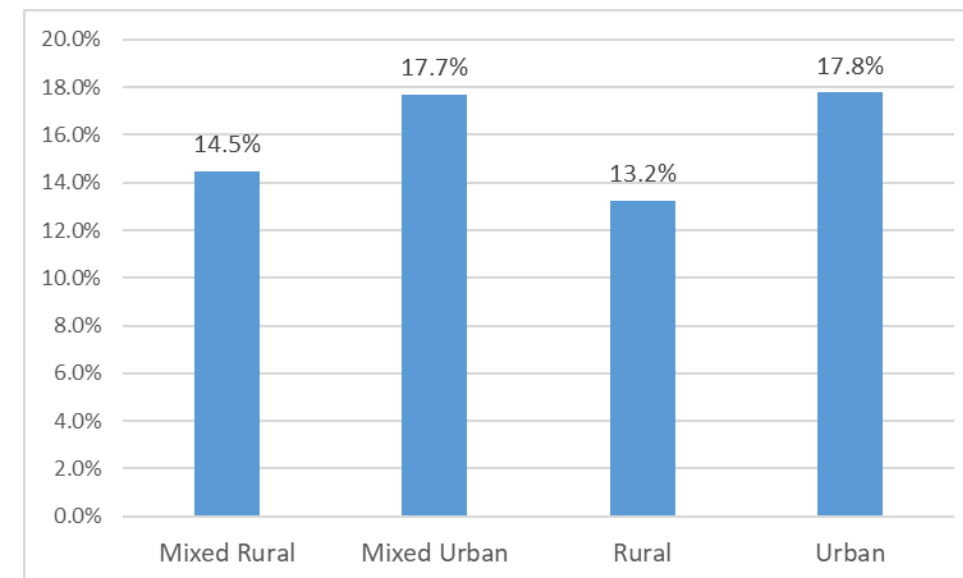


- 73.8% of the Total Population has completed their primary series
- 17.2% of the Total Population has a Bivalent Booster
- 24.6% of the Eligible Population has a Bivalent Booster
- Virginia is 16th in the nation in Bivalent Booster uptake

Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.8%	0.0%
Eastern	60.8%	0.0%
Northern	77.0%	0.0%
Northwest	62.4%	0.0%
Southwest	54.9%	0.0%

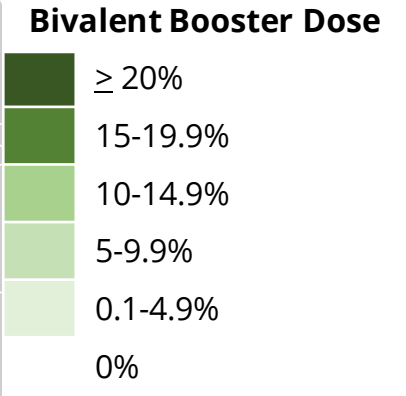
Bivalent Uptake by Urban / Rural



Federal doses not included in this number

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

Virginia and Neighbors: Vaccination Rates



	One Dose*	Fully Vax*	Bivalent Booster**
Nationwide	81.2%	69.3%	16.3%
D.C.	95.0%	90.6%	30.8%
Kentucky	68.9%	59.6%	12.1%
Maryland	91.8%	79.8%	23.4%
North Carolina	92.4%	67.2%	14.6%
Tennessee	64.5%	56.3%	9.9%
Virginia**	91.1%	76.6%	20.3%
West Virginia	67.5%	59.7%	11.3%

*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

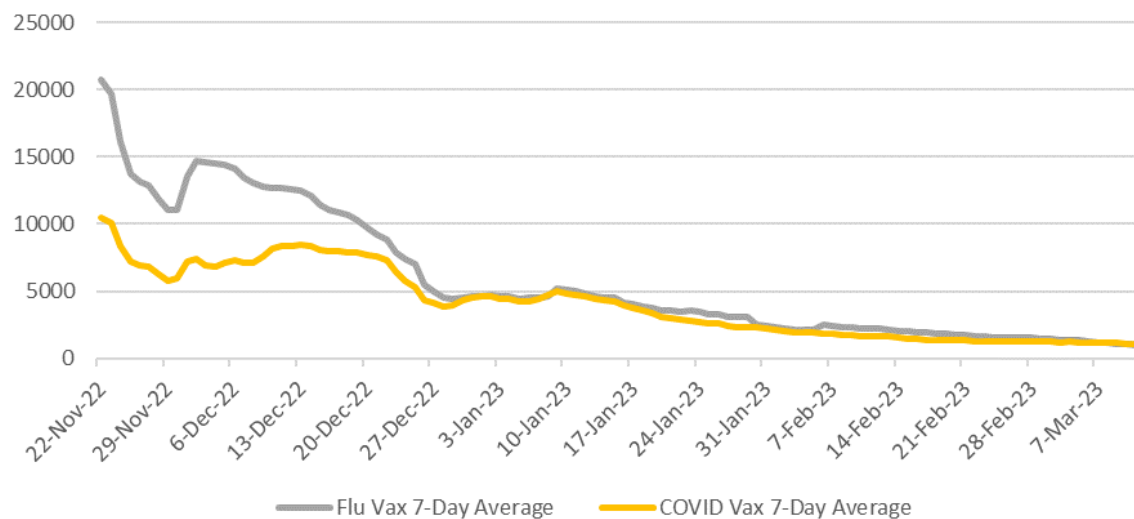
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#38	#36	#40	#37
Maryland	#8	#7	#5	#8
North Carolina	#23	#27	#23	#31
Tennessee	#46	#40	#45	#47
Virginia	#10	#11	#7	#16
West Virginia	#37	#47	#46	#39

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

Virginia: Flu Vaccine Update

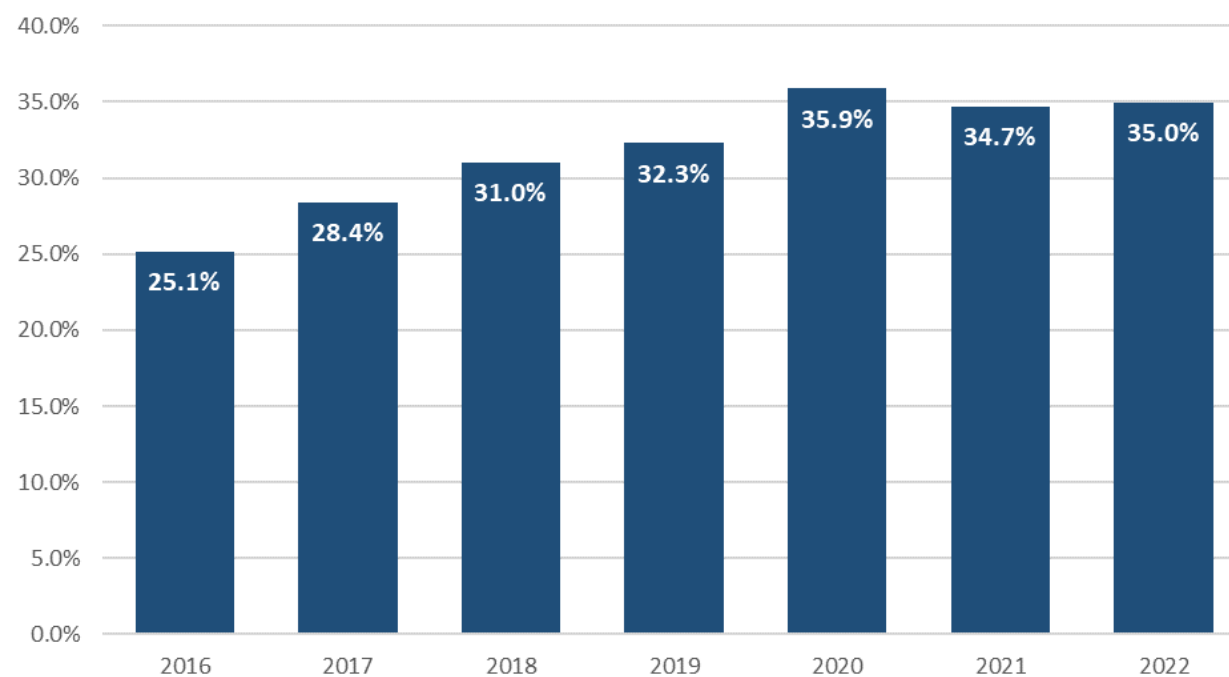
- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since the Winter holidays
- There have been 3.03 million Flu Vaccine doses administered (36% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

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 Mar. 11th

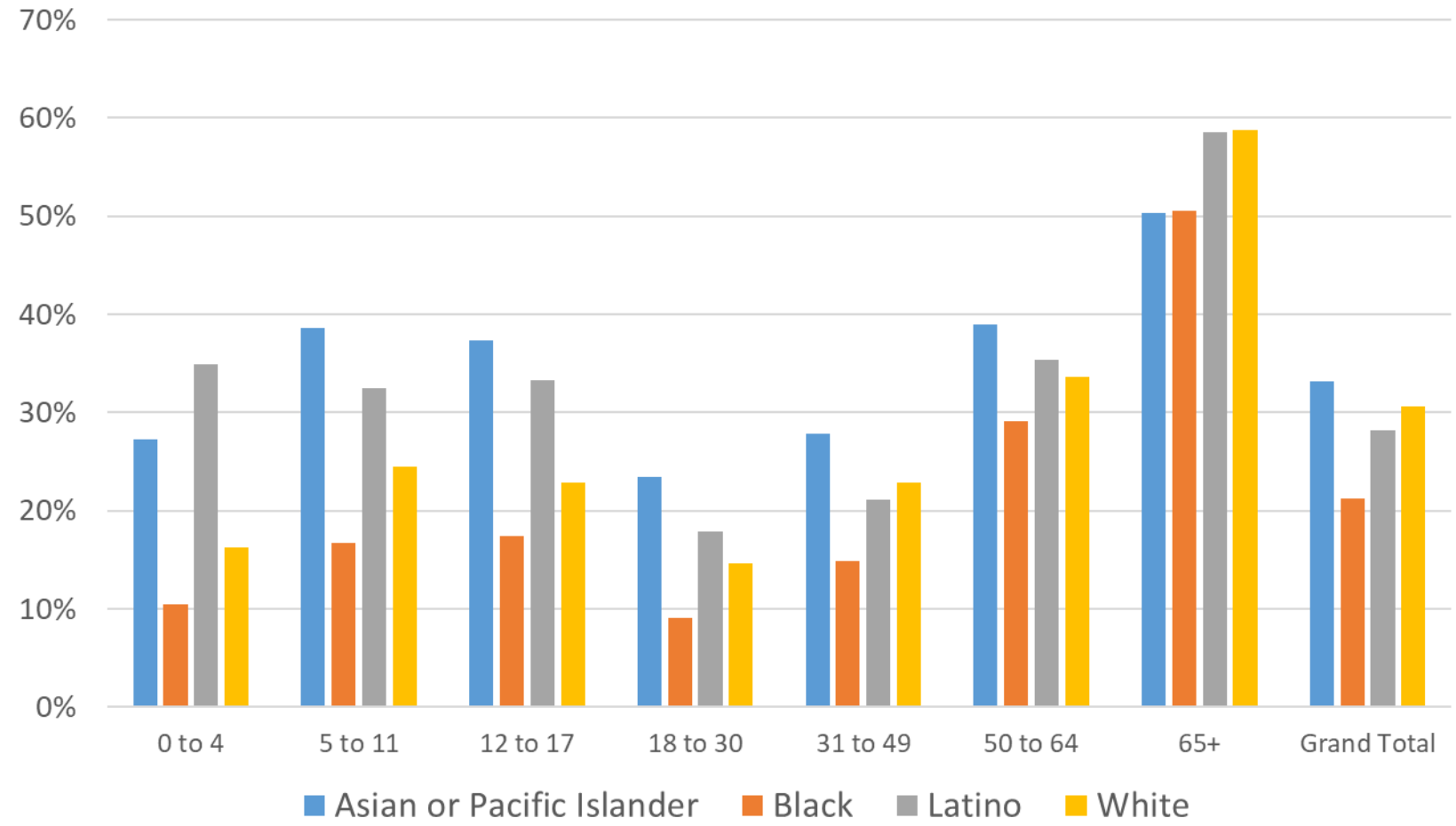


Virginia: Flu Vaccine Uptake by Race / Ethnicity by Age

- 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 51 doses administered last week out of the total 22,131 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 56.9% of Vaccinations by Race where data is available

