
Virginia Respiratory Disease and Mpox Data Update

September 14, 2023



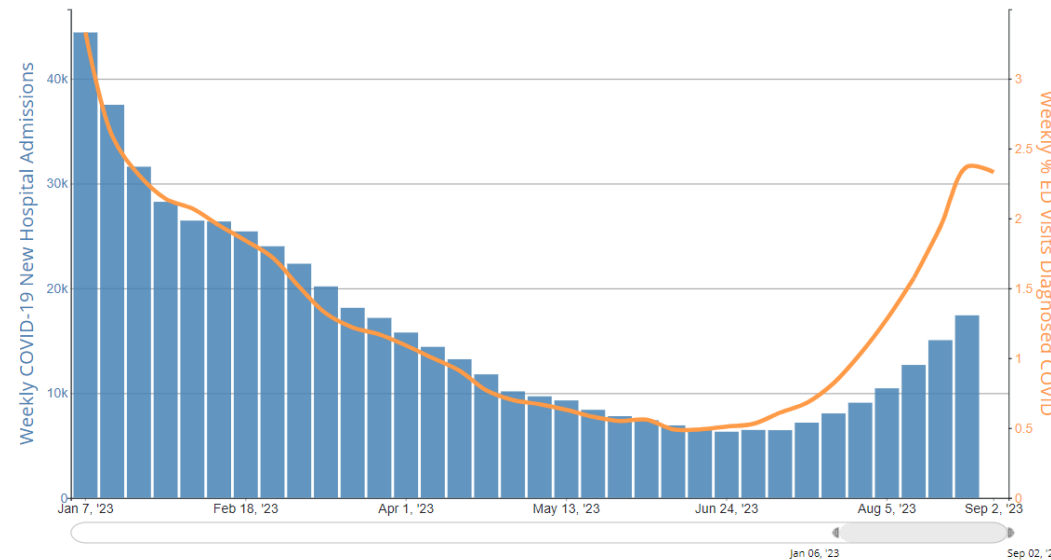
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

National View – Week Ending September 2, 2023:

- New hospital admissions of patients with confirmed COVID-19 **increased 9%** to 2,696 previous week 7-day average
- **2.3%** of ED visits were with Diagnosed COVID-19

Weekly COVID-19 New Hospital Admissions and % ED visits with Diagnosed COVID-19 in the United States Reported to CDC (2023)

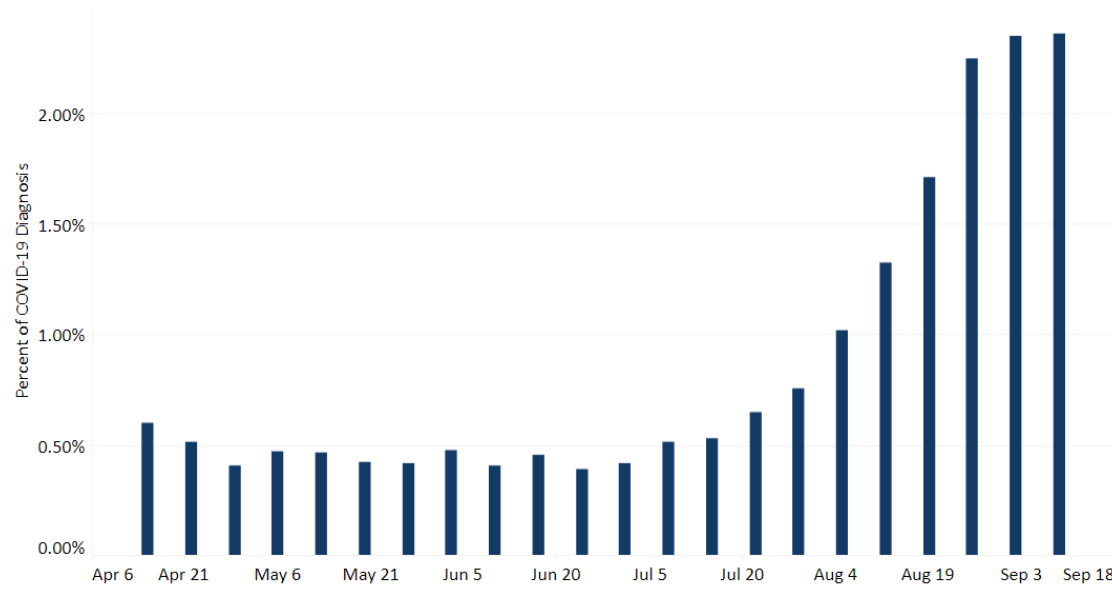


Virginia Data: Week ending September 9 2023, MMWR week 36:

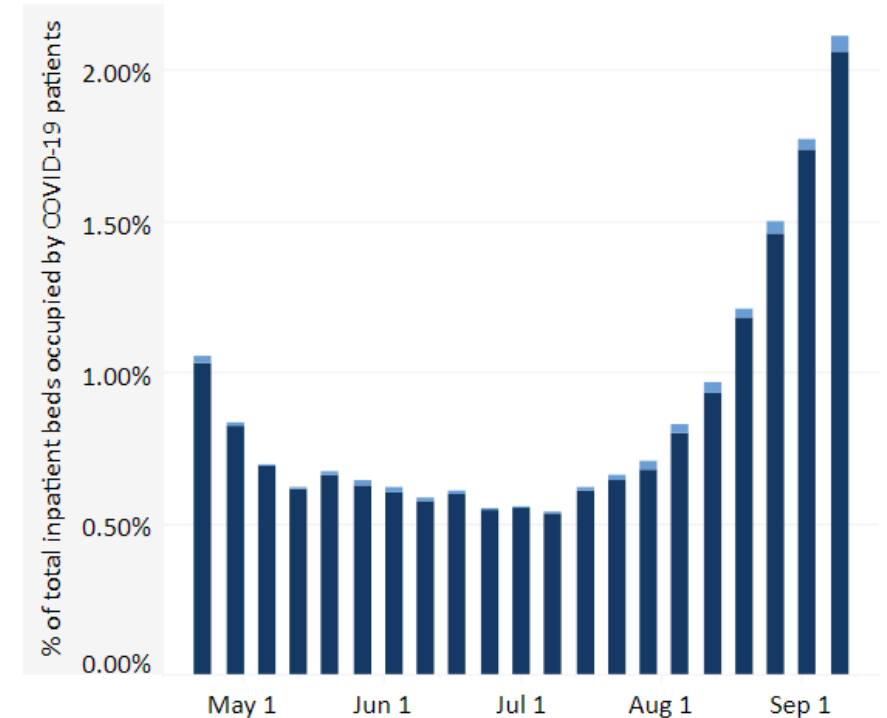
- **2.36%** of ED visits were for diagnosed COVID-19 (<5% than previous week)
- **2.11%** of inpatient beds in use for COVID-19 (**19% increase** from previous week)
- The number of deaths reported for this week was 3 (confirmed & probable)

% Beds Occupied by Patients with COVID-19 is **Low** 🟢

Weekly Percent of Emergency Department Visits for Diagnosed COVID-19 in Virginia, April 2023 – September 2023



COVID-19 Hospital Beds in Use for COVID-19 Virginia, March 2023 – September 2023



■ Pediatric
■ Adult

🟢 Minimal(<2.0%) 🟡 Low(2.0% - 3.9%) 🟠 Moderate(4.0% - 5.9%)
🔴 Substantial(6.0% - 7.9%) 🟡 High(≥8.0%)

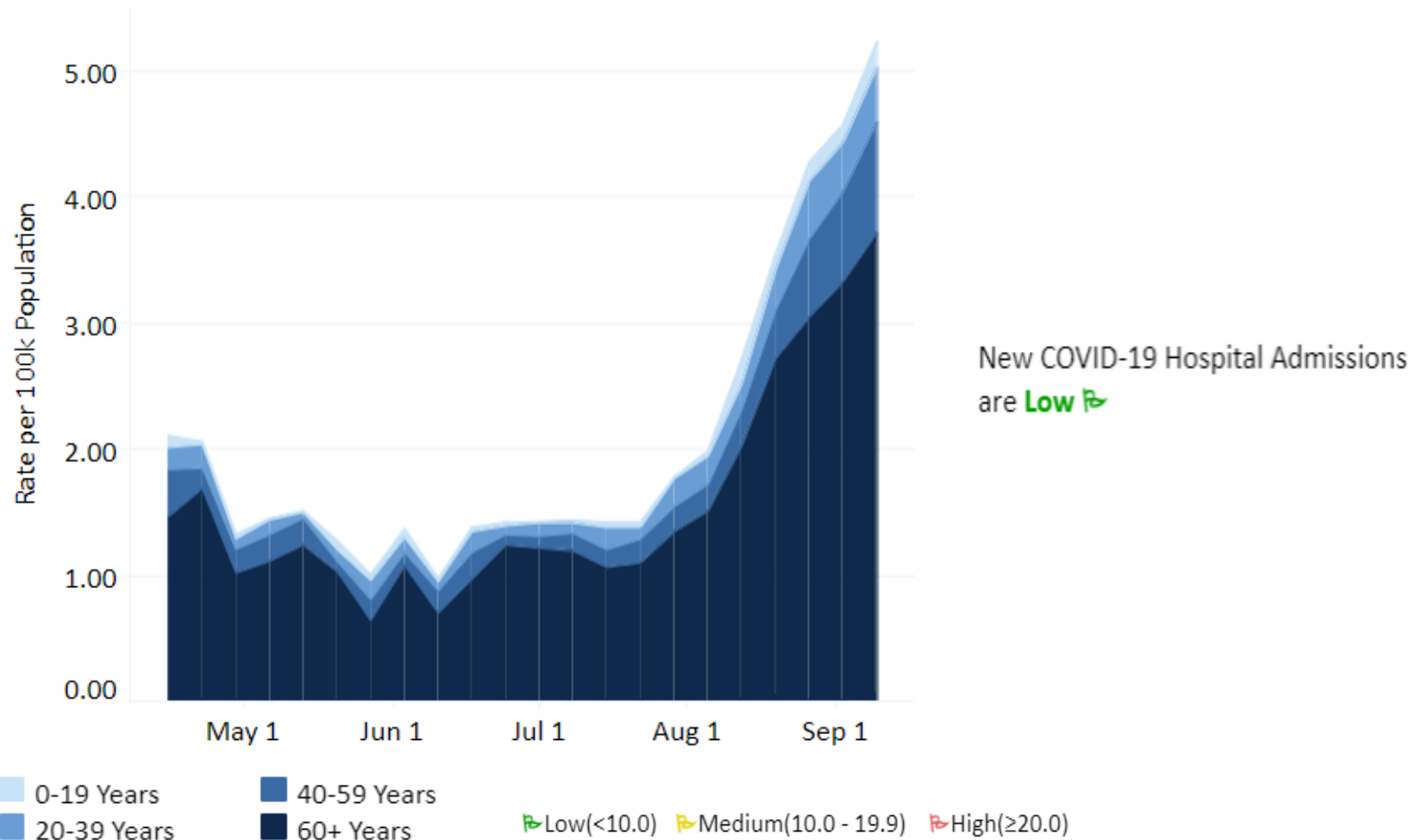
*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)

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

*Data comparisons: Wednesday-Wednesday

Virginia's COVID-19 Hospital Admissions for the week ending September 9, 2023:

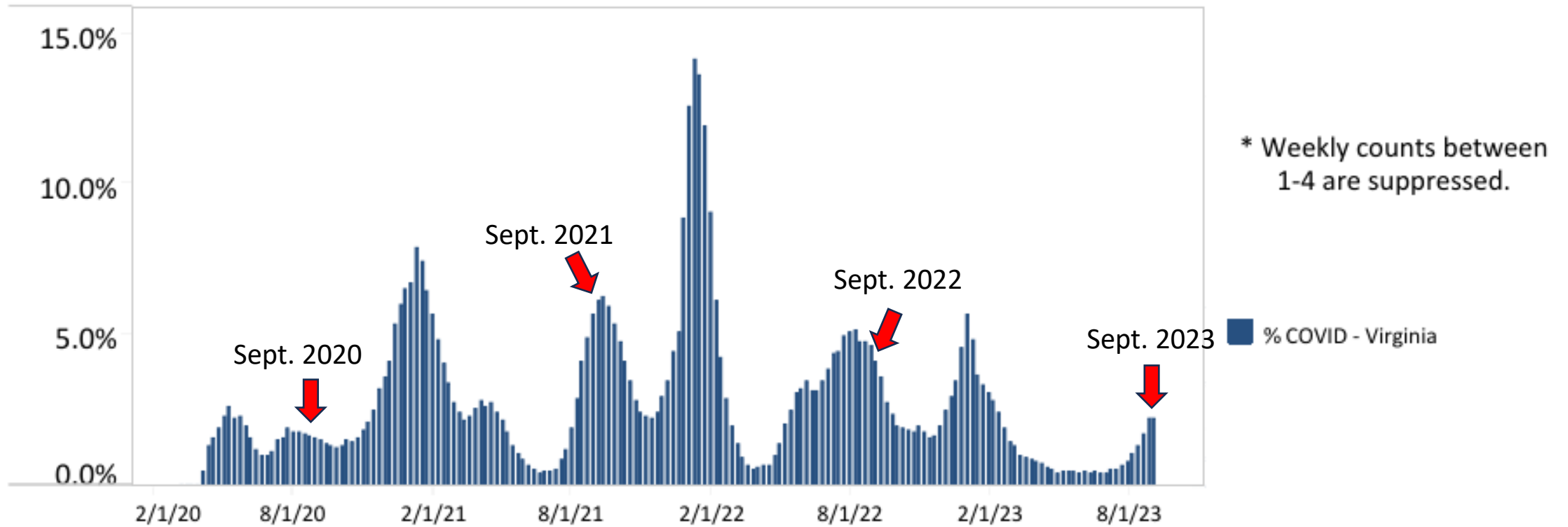
- 5.22 Hospital Admissions per 100,000 population
•14% increase from previous week



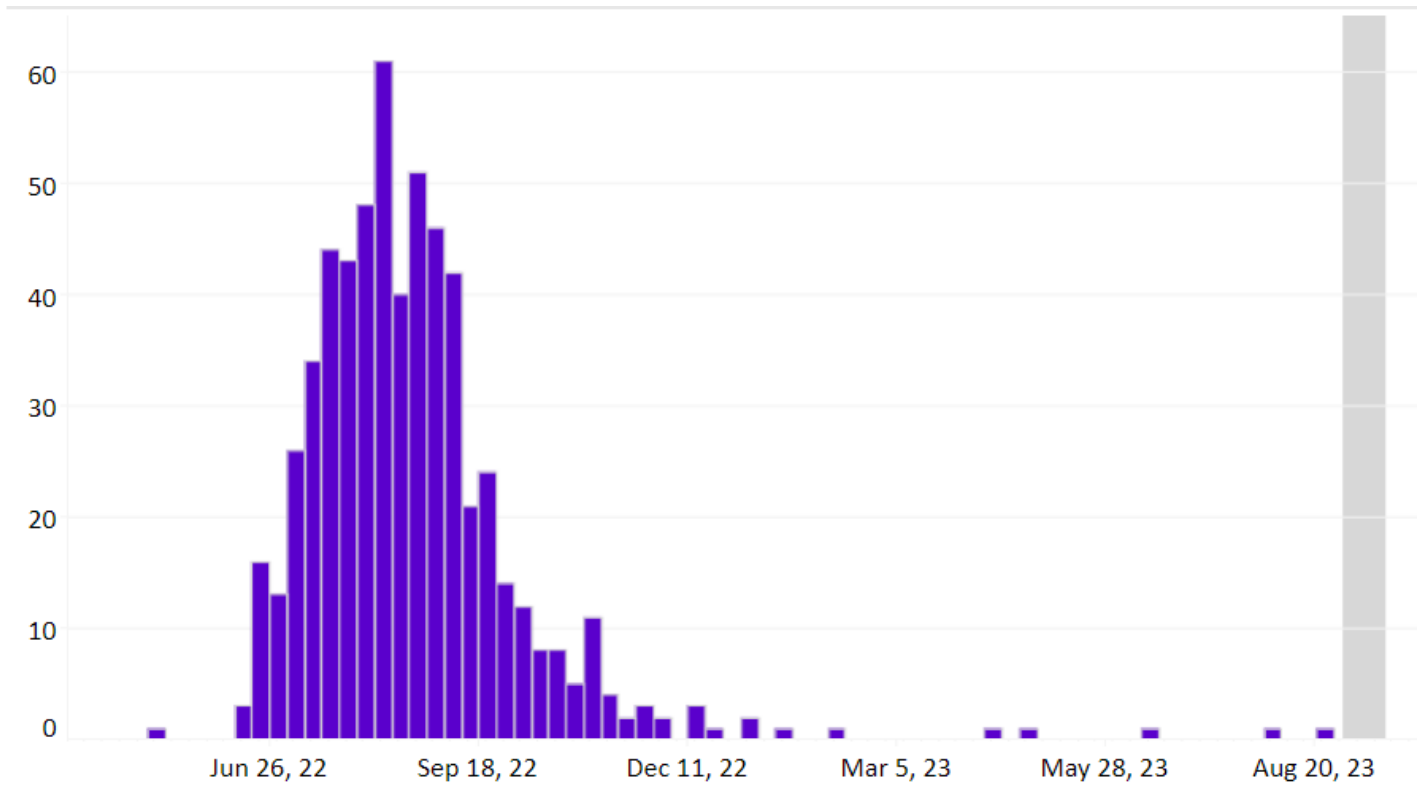
Weekly Percent of Emergency Department Visits for Diagnosed COVID-19 in Virginia, March 2020- Present

Diagnosed COVID-19

Percentage of ED Visits with Diagnosed COVID-19 in Virginia from March 2020 to Present



Epi Curve of Mpox Cases (5/2022 – 9/2023)



Total Cases	575
Hospitalizations	31
Deaths	2

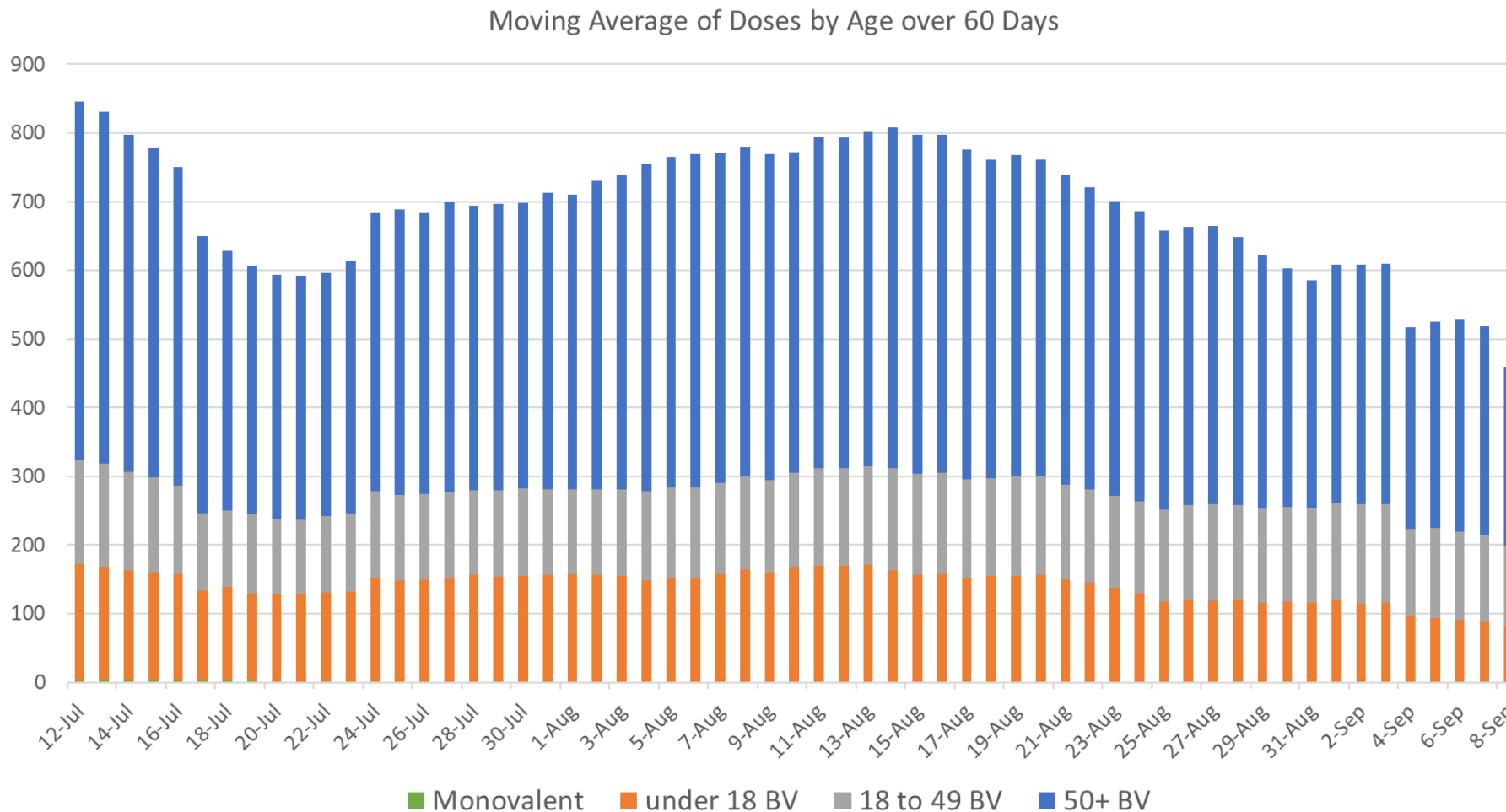
Mpox Cases By Age and Sex (as of 09/2023)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.4%)
20-29 Years	210 (36.5%)
30-39 Years	227 (39.5%)
40-49 Years	85 (14.8%)
50-59 Years	33 (5.7%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.3%)
Sex	
Female	32 (5.6%)
Male	543 (94.4%)

*Data represent investigations with notifications submitted in VEDSS.

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

- There have been 1,657,572 Bivalent Covid-19 Vaccine Doses Administered
- 19,671 Total Doses Administered in the last 30 days vs 22,650 in the 30 days prior to that
- 18.2% of the total population is Up to Date with their vaccinations



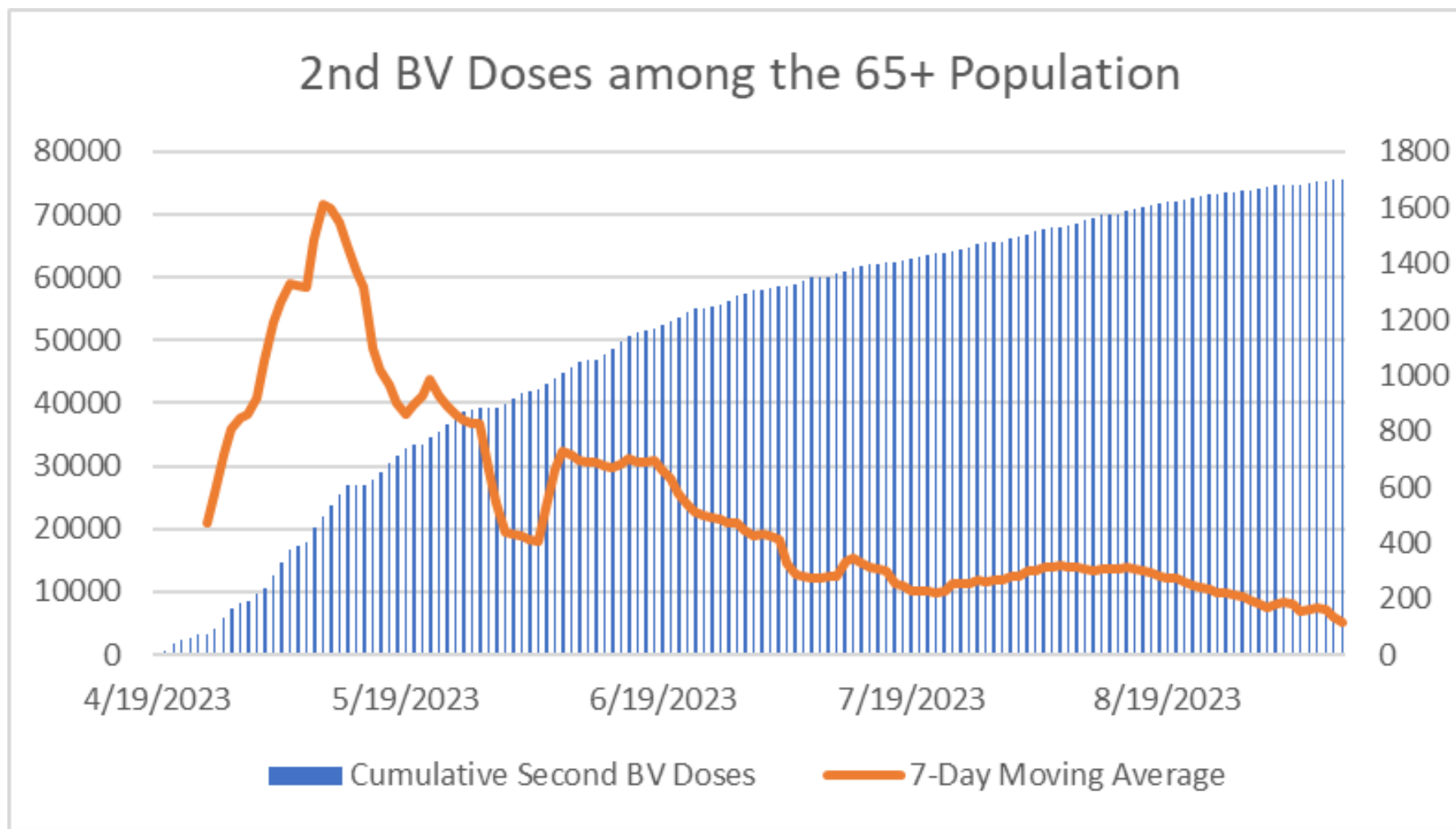
*Logic/Data has been updated to reflect the CDC's latest recommendations

Federal doses not included in this number

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

Preliminary Data: Second Bivalent Doses Among the 65+ Population

- On April 17th COVID-19 Vaccination Recommendations changed to allow 65+ to receive an additional bivalent dose
- As of September 9th, 75,604 people over age 65+ have received a second BV Dose

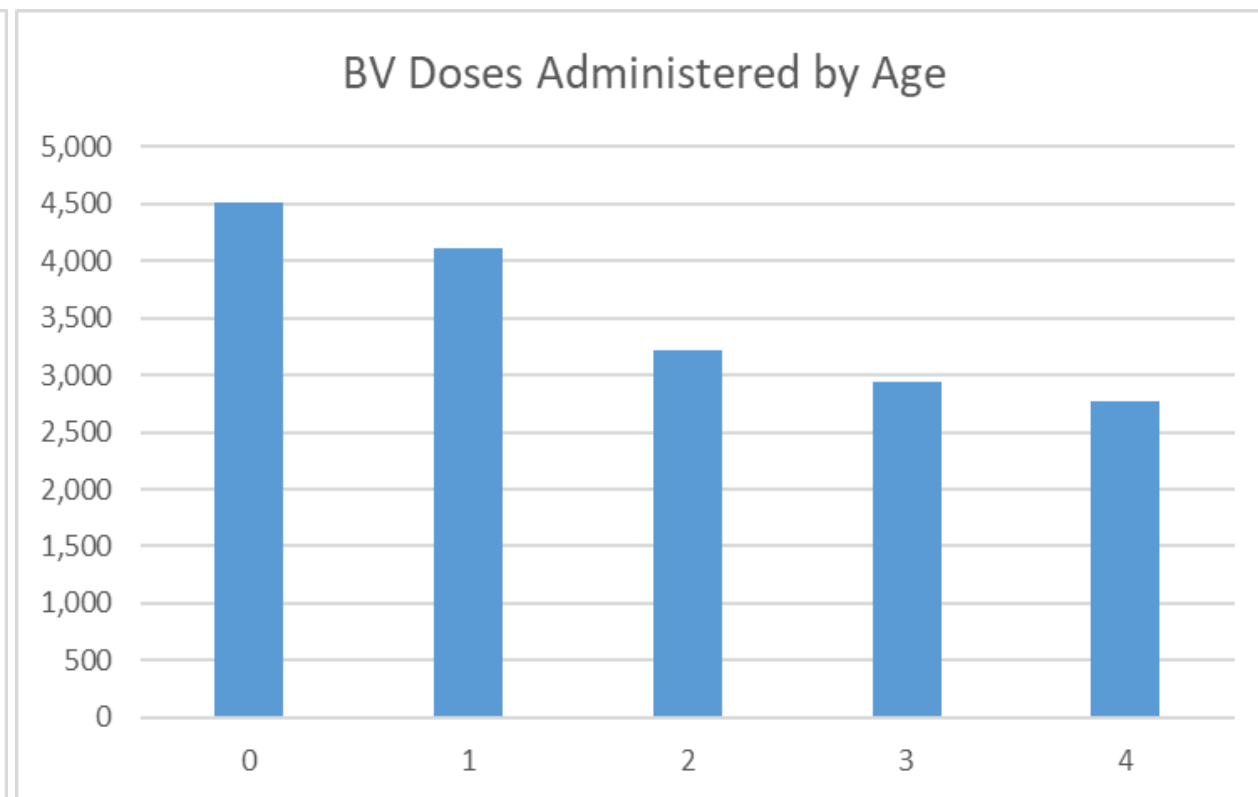
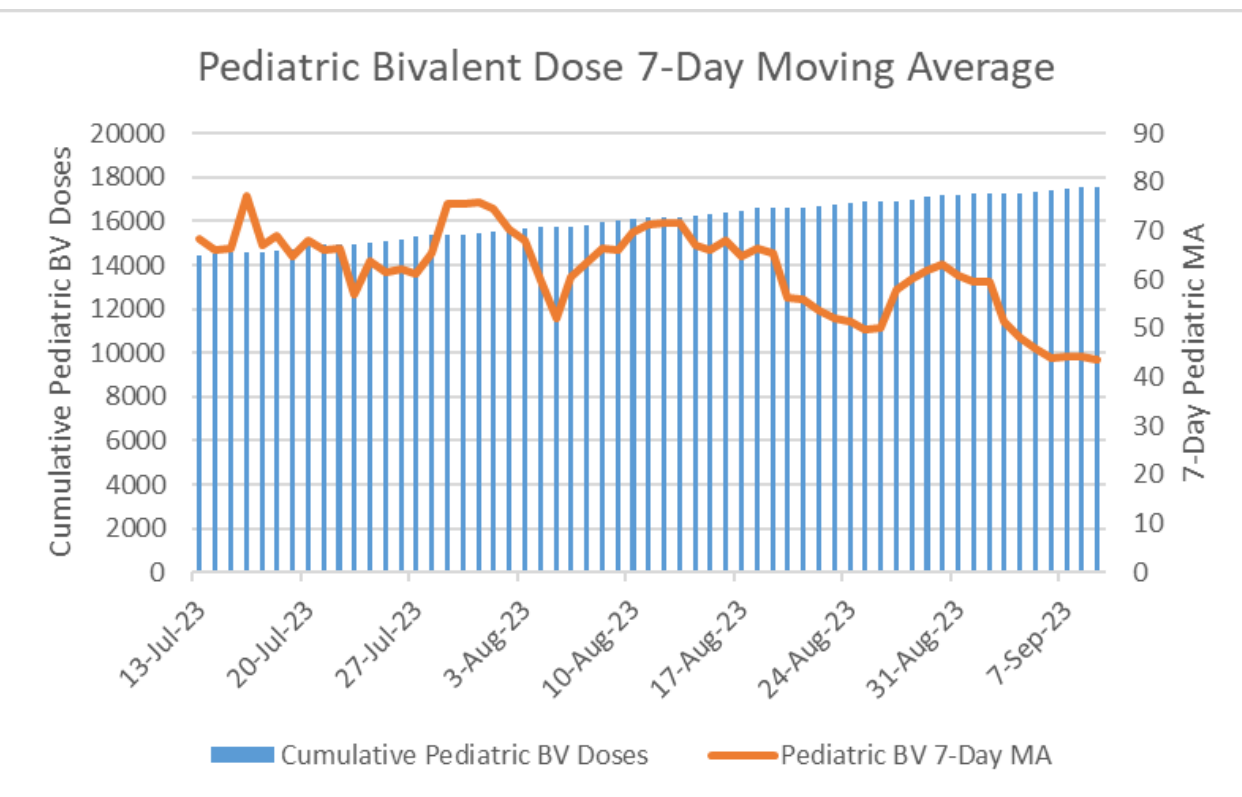


Federal doses not included in this number

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

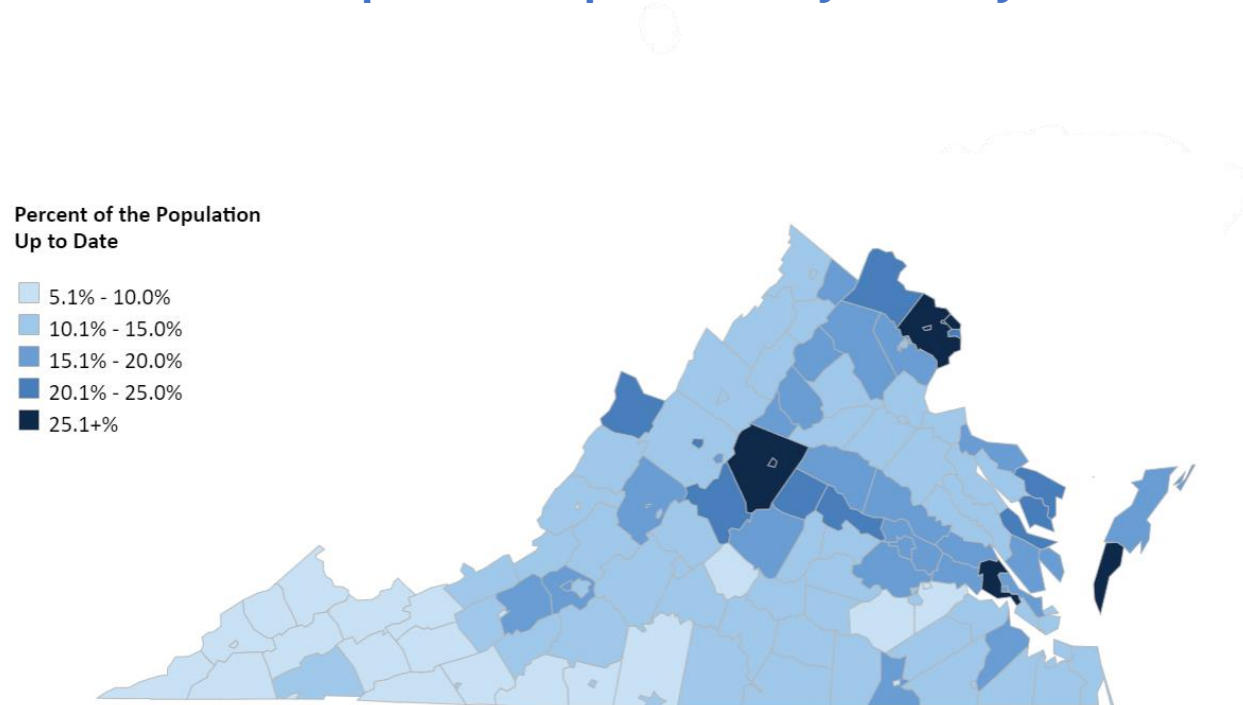
Virginia: Pediatric Bivalent Doses

- 17,554 Pediatric Bivalent Doses (4 and Under) have been administered since Dec. 8th 2022
- 1,546 Pediatric BV Doses were administered in the last 30 days vs 1,926 in the 30 days prior
- 75% of Pediatric BV Doses have been Pfizer while 25% have been Moderna



Virginia: COVID Vaccination across the Commonwealth by Geography*

Percent of the Population Up To Date by Locality



- 74.0% of the Total Population has completed their primary series
- 18.2% of the Total Population has a Bivalent Booster
- Virginia is 16th in the nation in Bivalent uptake

*Comes from new dataset reflecting updated recommendations.

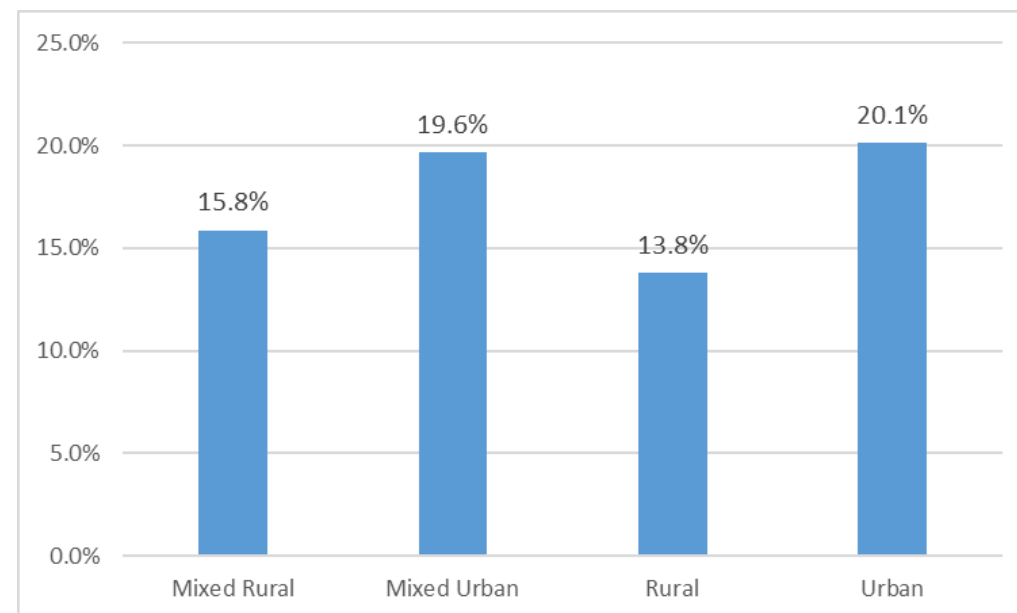
Federal doses not included in this number

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

Vaccination Rates by Region

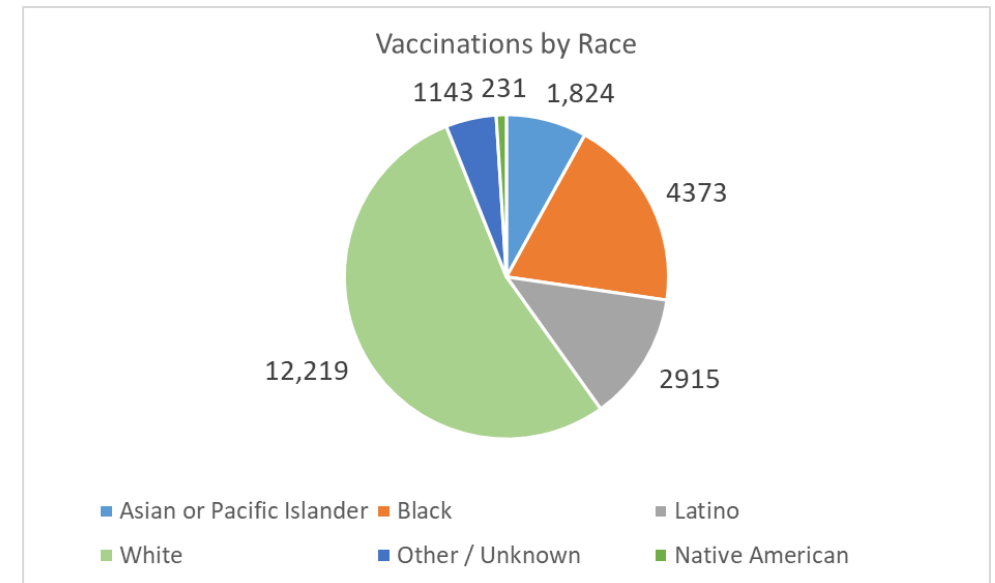
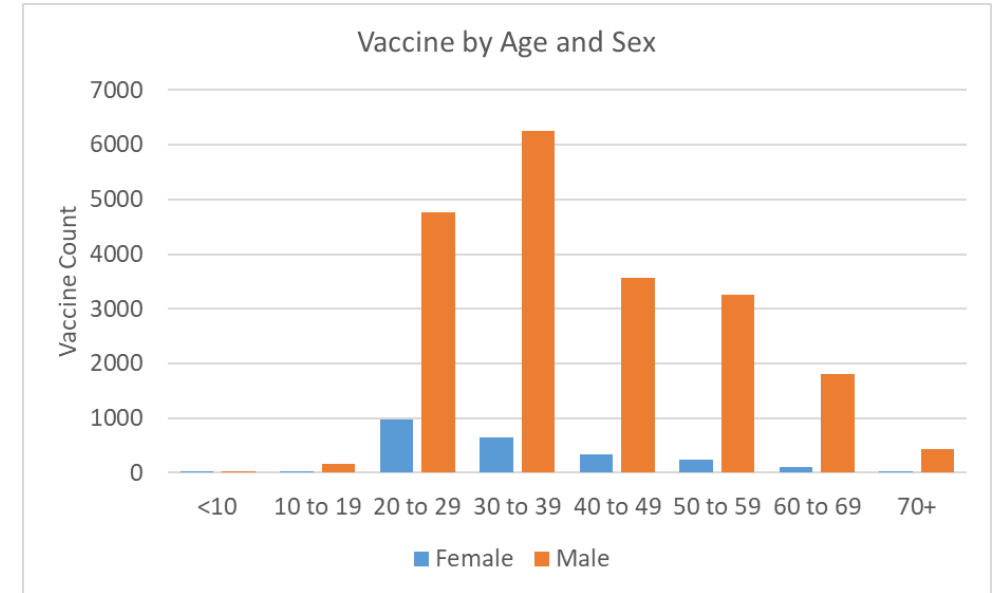
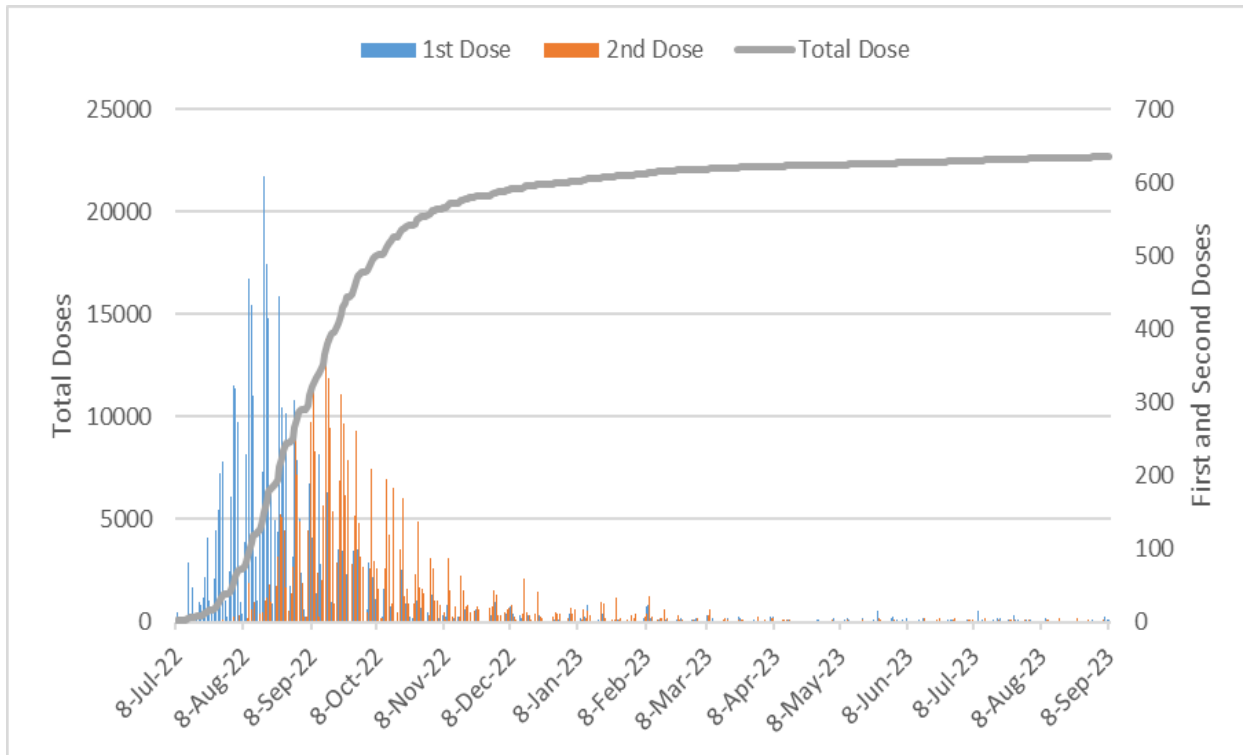
Health Region	Bivalent Uptake	Change
Central	17.2%	0.2%
Eastern	14.7%	0.2%
Northern	25.3%	0.3%
Northwest	17.6%	0.2%
Southwest	12.2%	0.1%

Bivalent Uptake by Urban / Rural



Virginia: JYNNEOS Administration Demographics

- Vaccinations have plateaued, with 83 doses administered in the last 30 days vs 116 in the 30 days prior to that
- 89.5% of Vaccines Administered have been to Males
- 55.8% of Vaccines Administered have in the Northern Region
- The White Population accounts for 56.7% of Vaccinations by Race where data is available



Source: VDH Vaccine Summary