
Virginia Respiratory Disease and Mpox Data Update

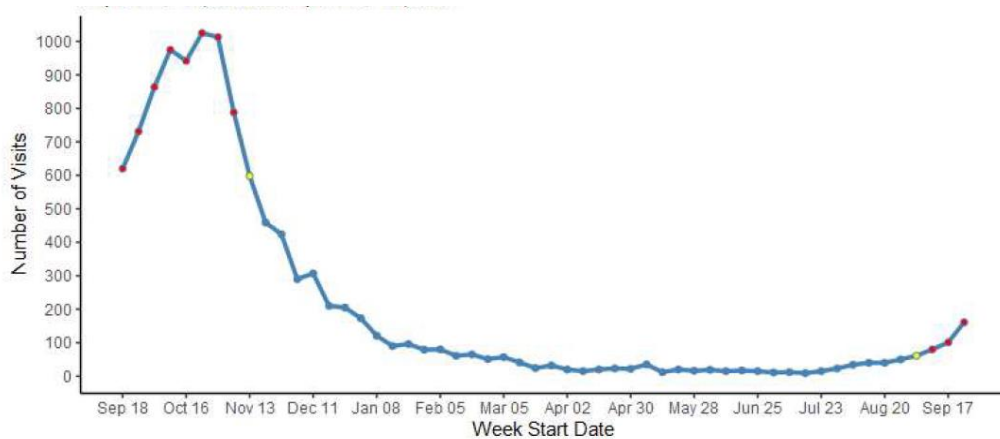
October 12, 2023



***Diagnosed Respiratory Syncytial Virus (RSV)**

9/17 - 9/23 (MMWR Week 38)	09/24 - 09/30 (MMWR Week 39)
101 visits	161 (+59%)
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases). Percent change is from week prior.	

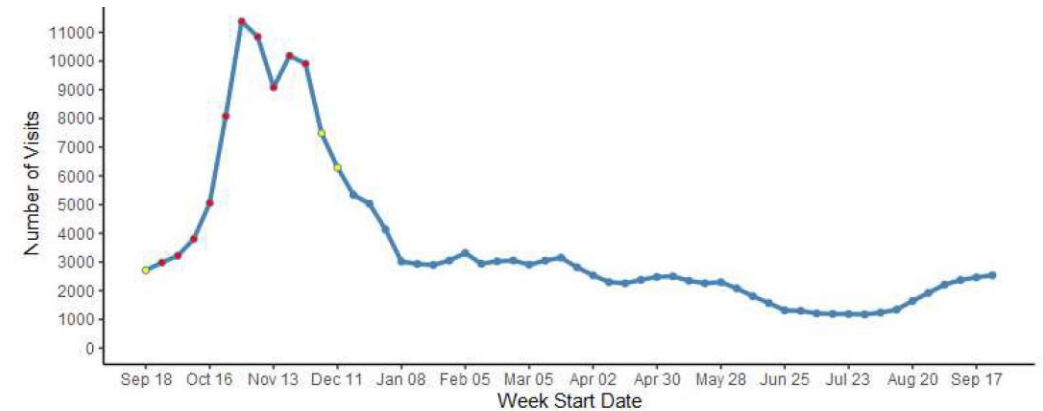
**Weekly ED and Urgent Care Visits with Diagnosed RSV
09/18/22 - 09/30/23**



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

9/17 - 9/23 (MMWR Week 38)	09/24 - 09/30 (MMWR Week 39)
2,462 visits	2,536 (<5%)
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. Visits with diagnosed COVID-19 are excluded. Percent change is from week prior	

**Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19
09/18/22 - 09/30/23**



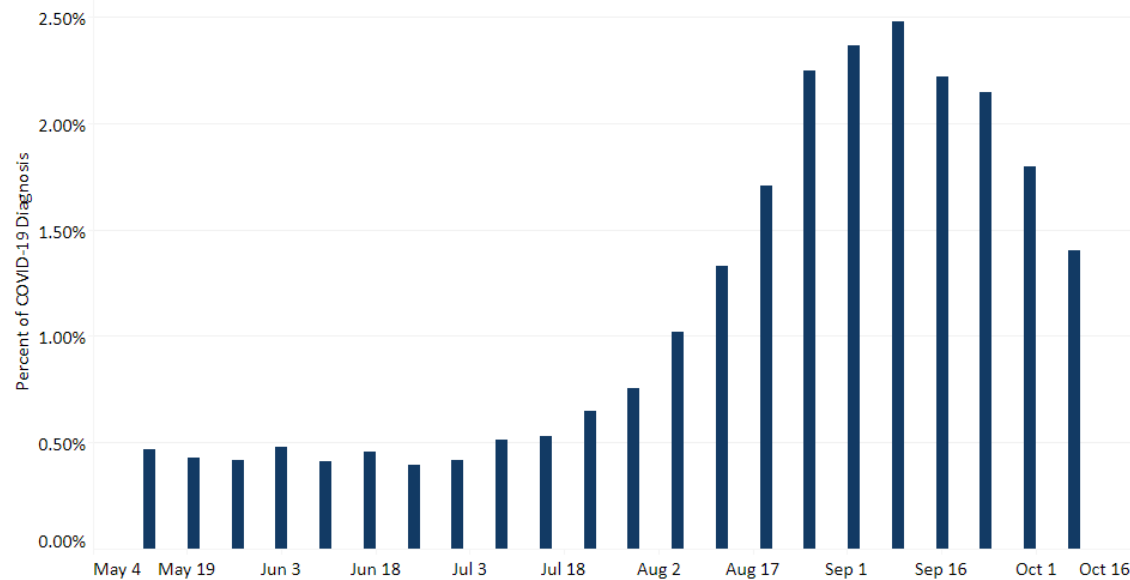
- Virginia reported 2.5% of all ED and urgent care visits were for ILI
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 9.1% of all visits

Virginia Data: Week ending October 7, MMWR week 40:

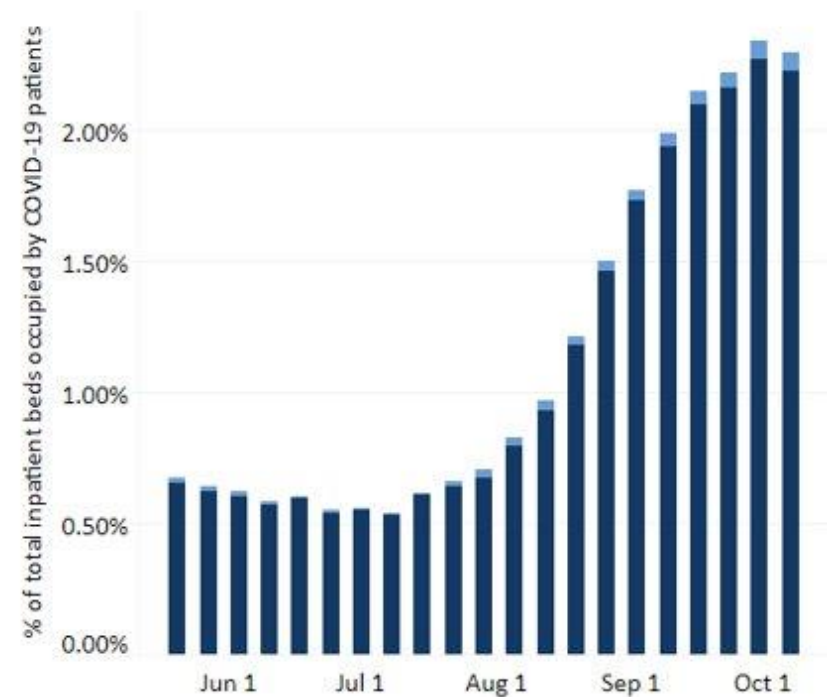
- **1.40%** of ED visits were for diagnosed COVID-19 (22% decrease from previous week)
- **2.30%** of inpatient beds in use for COVID-19 (<5% from previous week)
- The number of deaths reported for this week was 2 (confirmed & probable)

% 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, May 2023 – September 2023



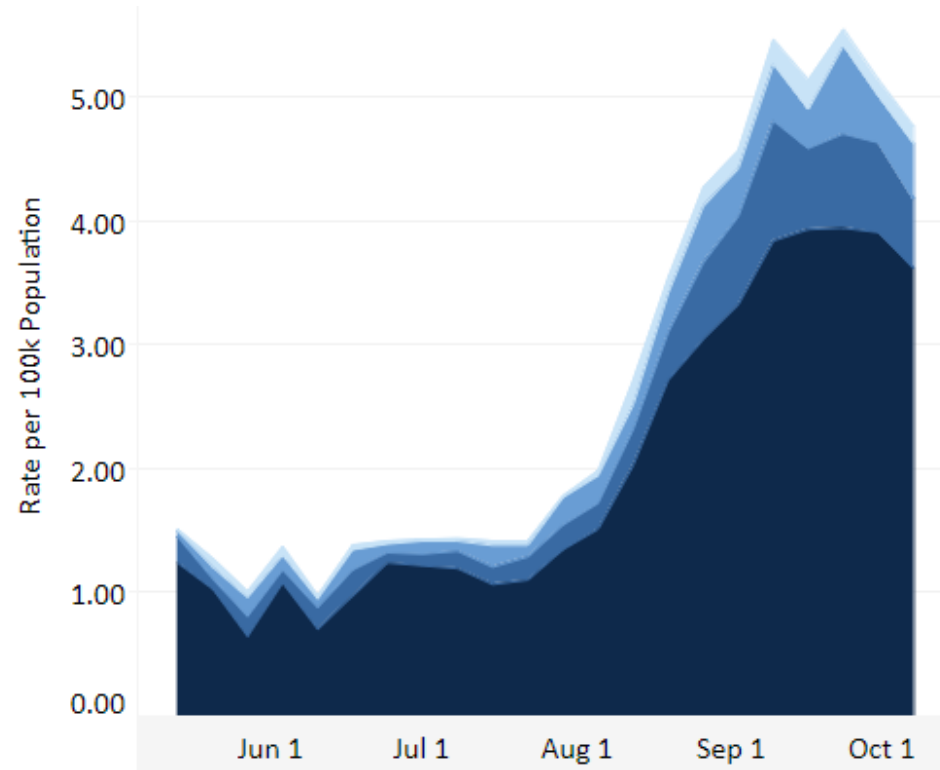
■ Pediatric
■ Adult

🟢 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 October 7, 2023:

- 4.76 Hospital Admissions per 100,000 population
•7% decrease from previous week

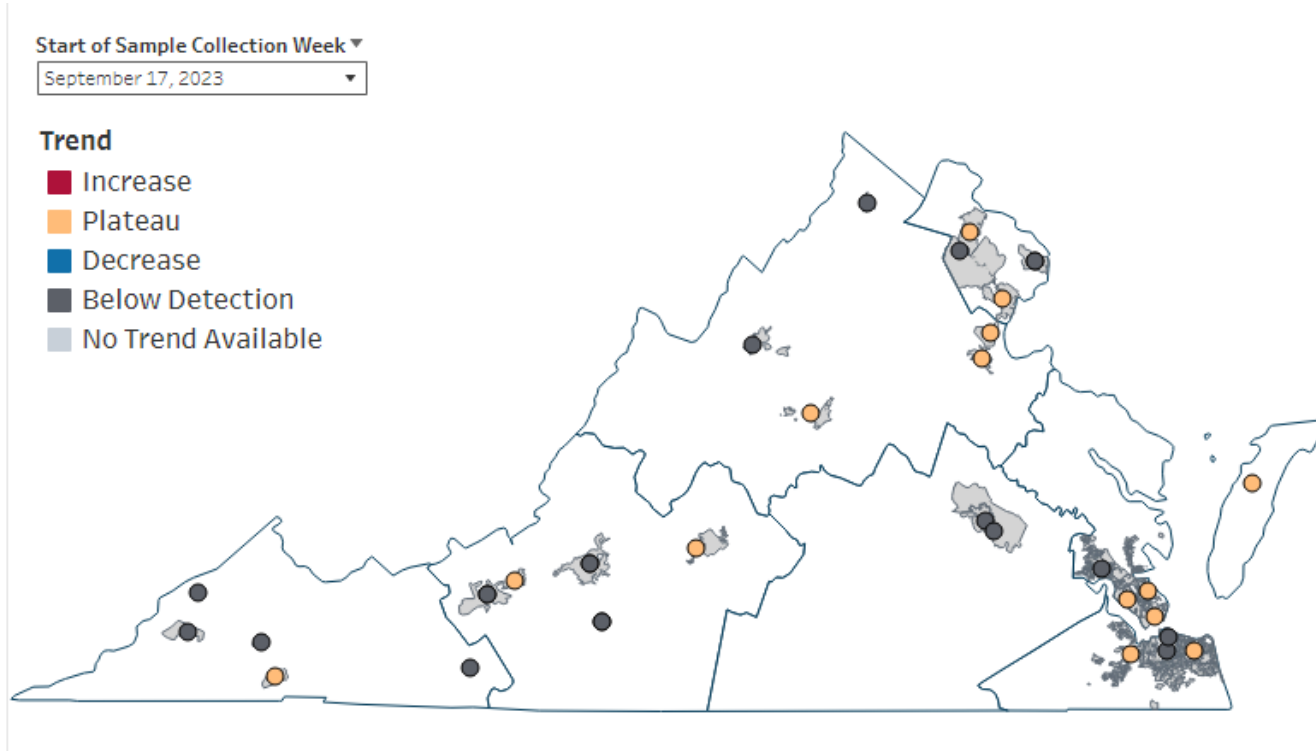


New COVID-19 Hospital Admissions are Low 🟢

■ 0-19 Years ■ 40-59 Years
■ 20-39 Years ■ 60+ Years
🟢 Low(<10.0) 🟡 Medium(10.0 - 19.9) 🔴 High(≥20.0)

COVID-19 Wastewater Surveillance

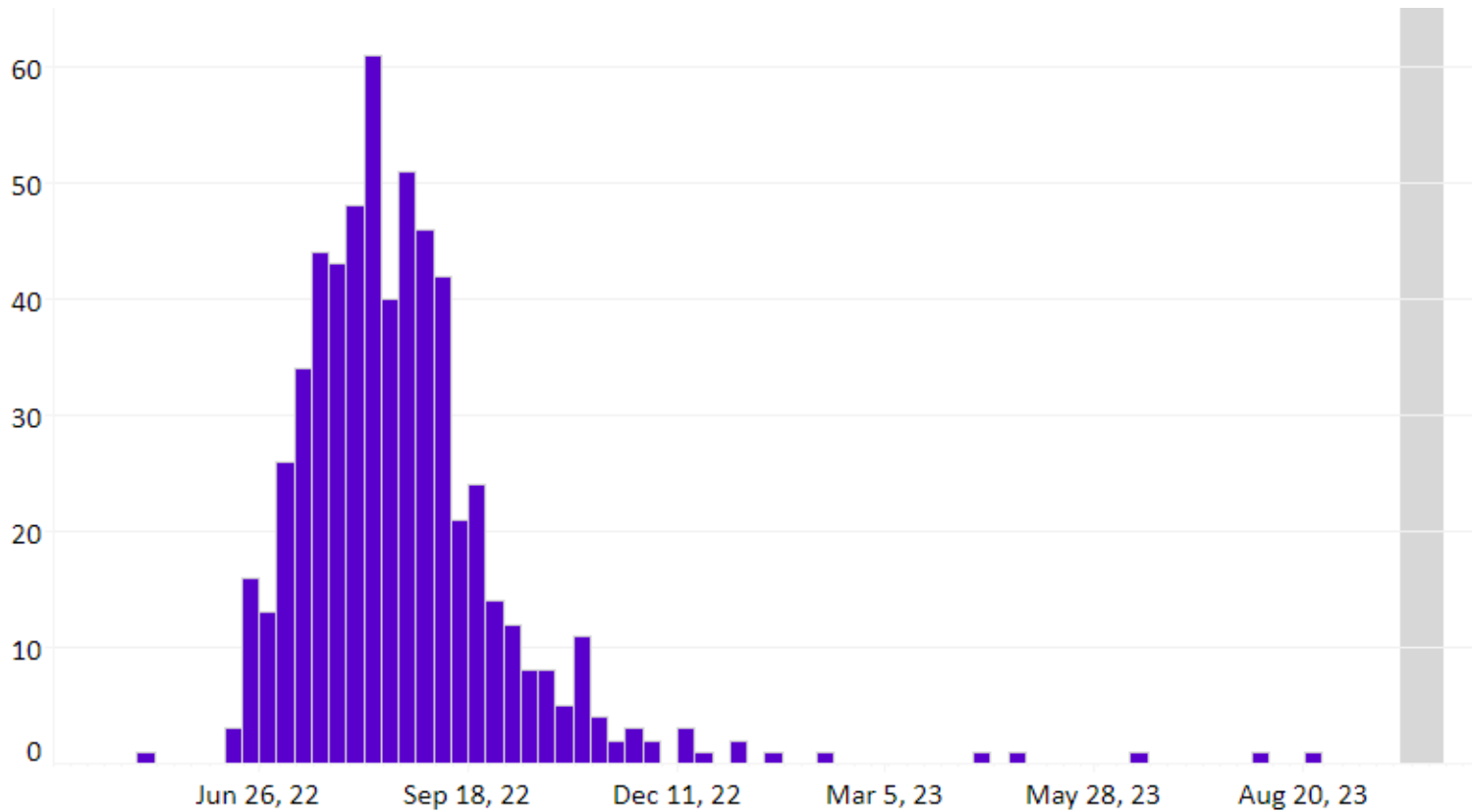
- Week ending September 23:



- This map of Virginia shows the locations and overall viral load trends of the wastewater collection sites enrolled in the Sentinel Monitoring Program.
- The trend is indicated by the color of the 'dot'. See legend below. Not all sites produce data every week, so there may be gray 'No Trend Available' dots

Source: [VDH Wastewater Dashboard](#)

Epi Curve of Mpox Cases (5/2022 – 10/2023)



Mpox Cases By Age and Sex (as of 10/2023)

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%)

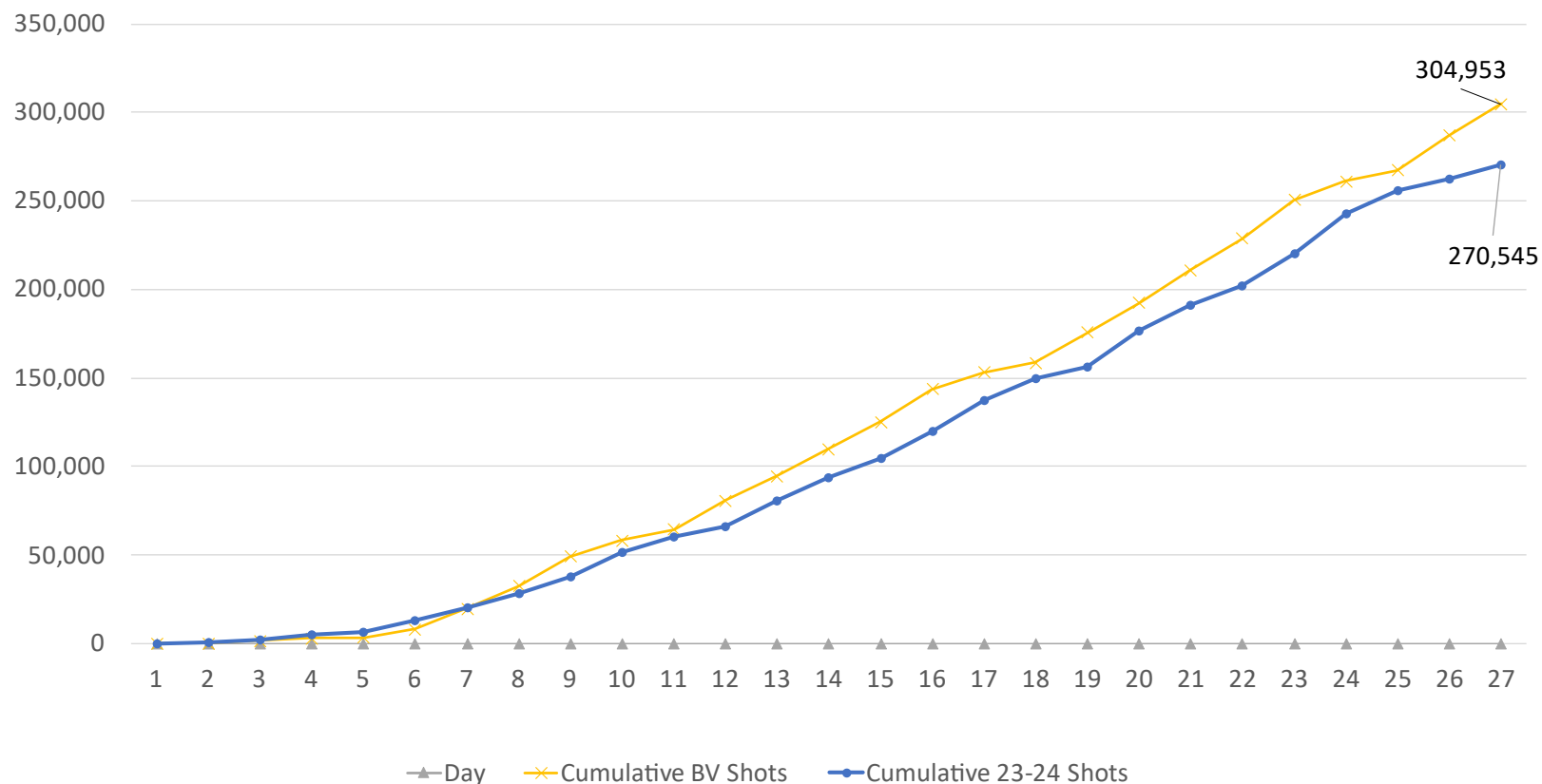
Total Cases	575
Hospitalizations	31
Deaths	2

*Data represent investigations with notifications submitted in VEDSS.

Virginia: 2023-24 COVID vs 2022 Bivalent Vaccine Comparison

- Per VIIS data, there have been 291,695 2023-24 COVID-19 vaccine doses administered to Virginians so far
- The chart shows relative uptake over the first 27 days, and the 23/24 vaccine start date has been offset by 3 days to account for almost no doses administered the first 2 days as initial rollout and distribution was delayed

Bivalent vs 23-24 COVID Shot:
Offset 3 days for 23-24 Shot

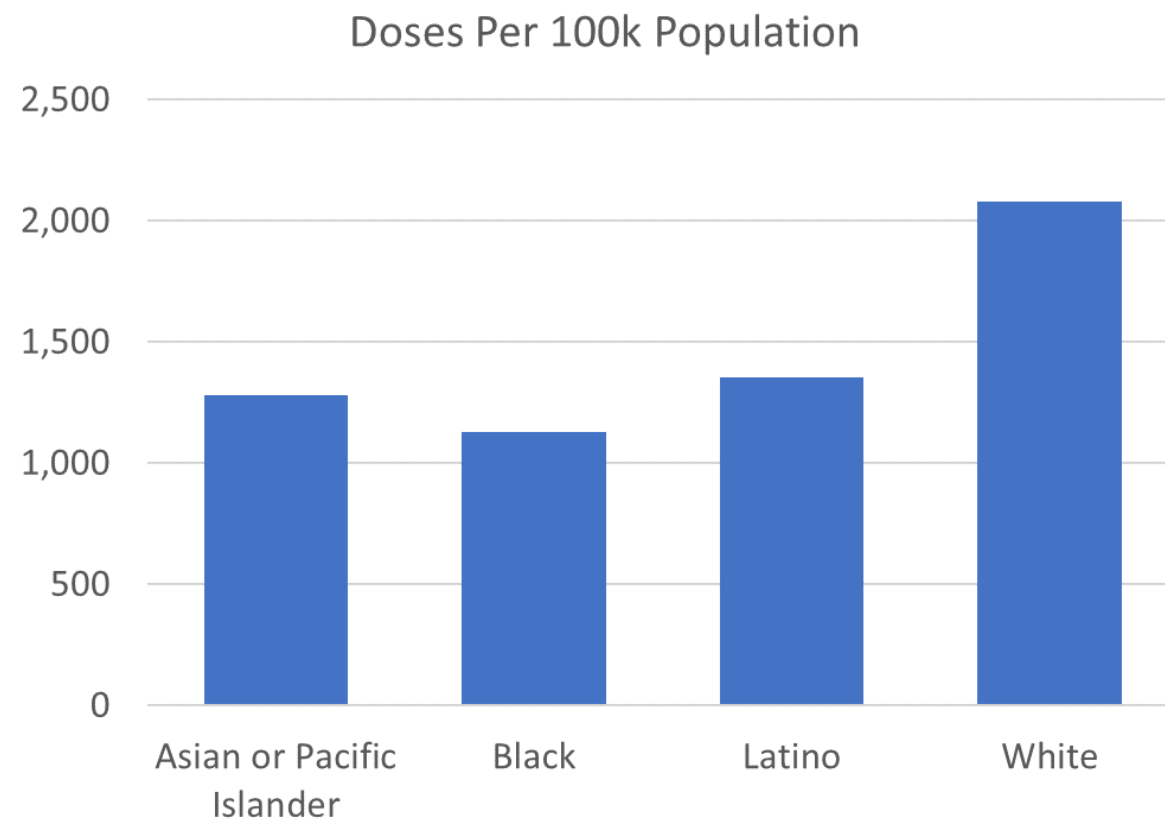
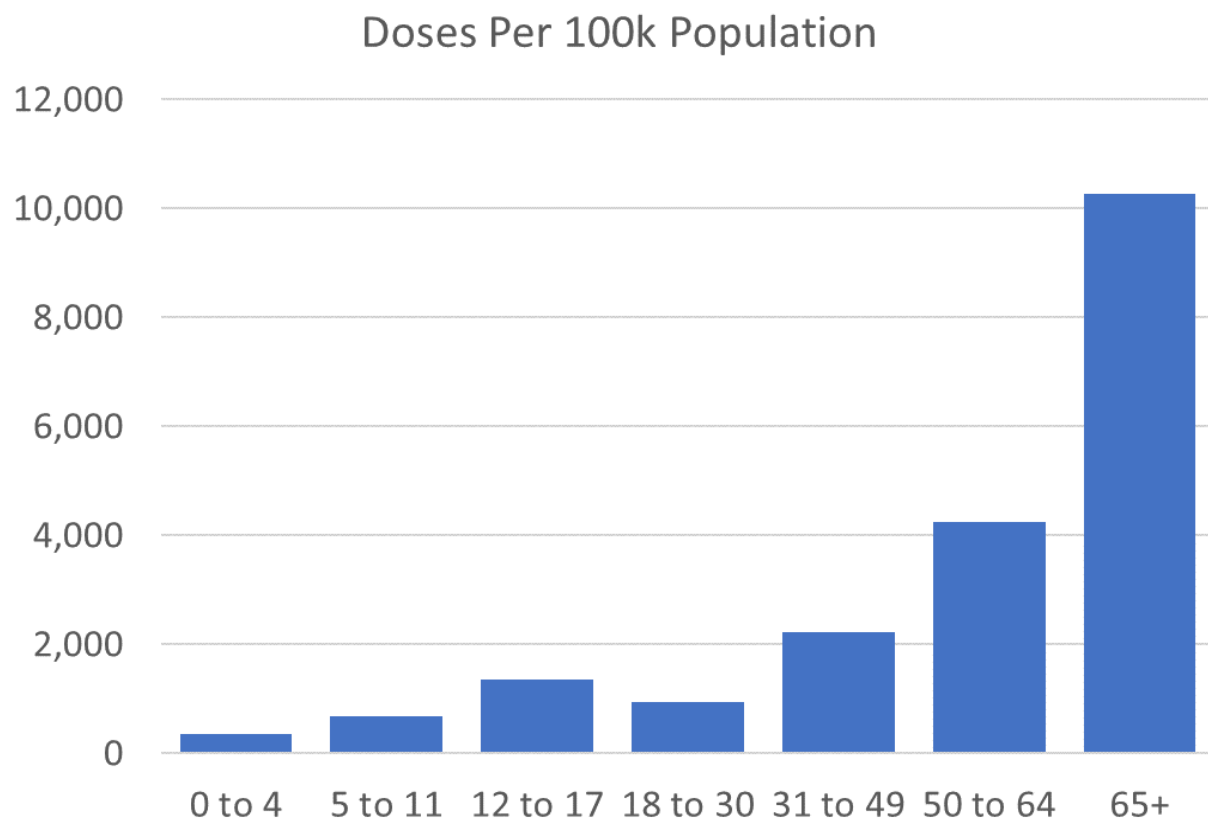


Federal doses not included in this number

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

Virginia: 2023-24 COVID Vaccine Administrations By Age and Race

- As of October 10th, about 74% of all 2023-24 COVID-19 Vaccine Doses have been administered to people aged 50+
- The White population has seen the highest rate of uptake amongst Race / Ethnicity Groups

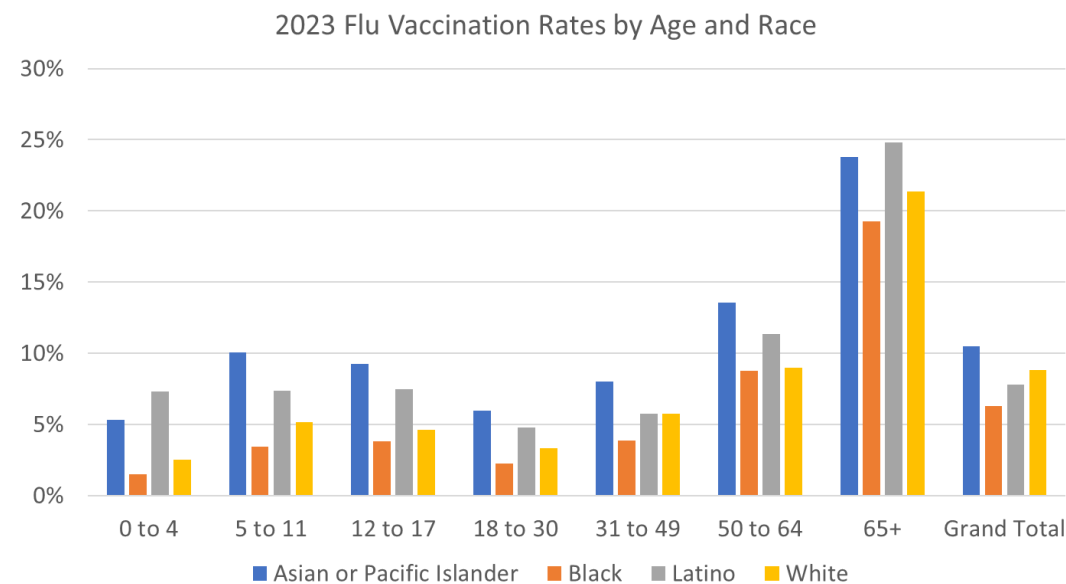
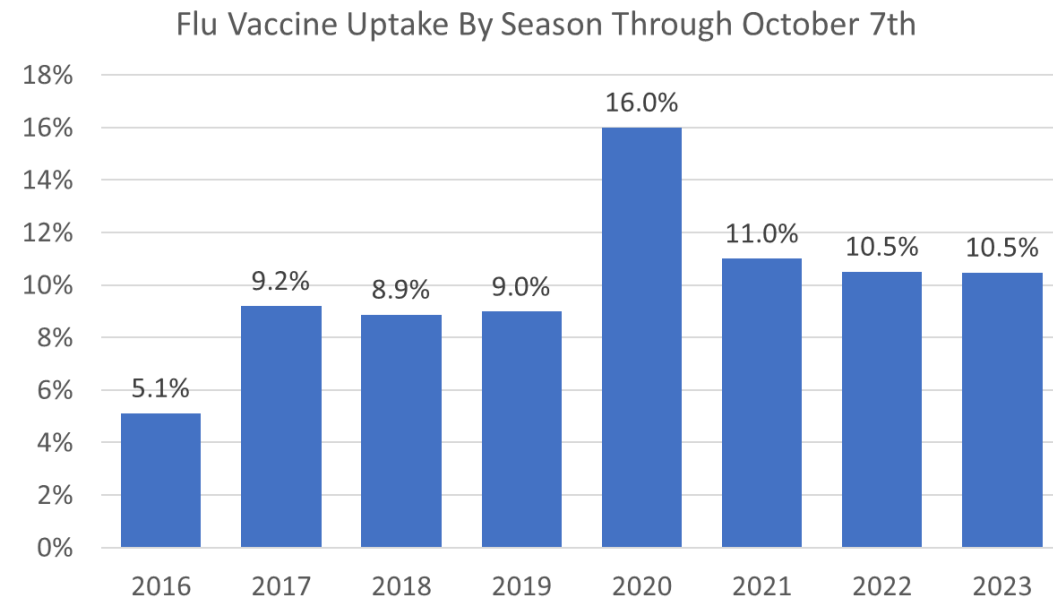
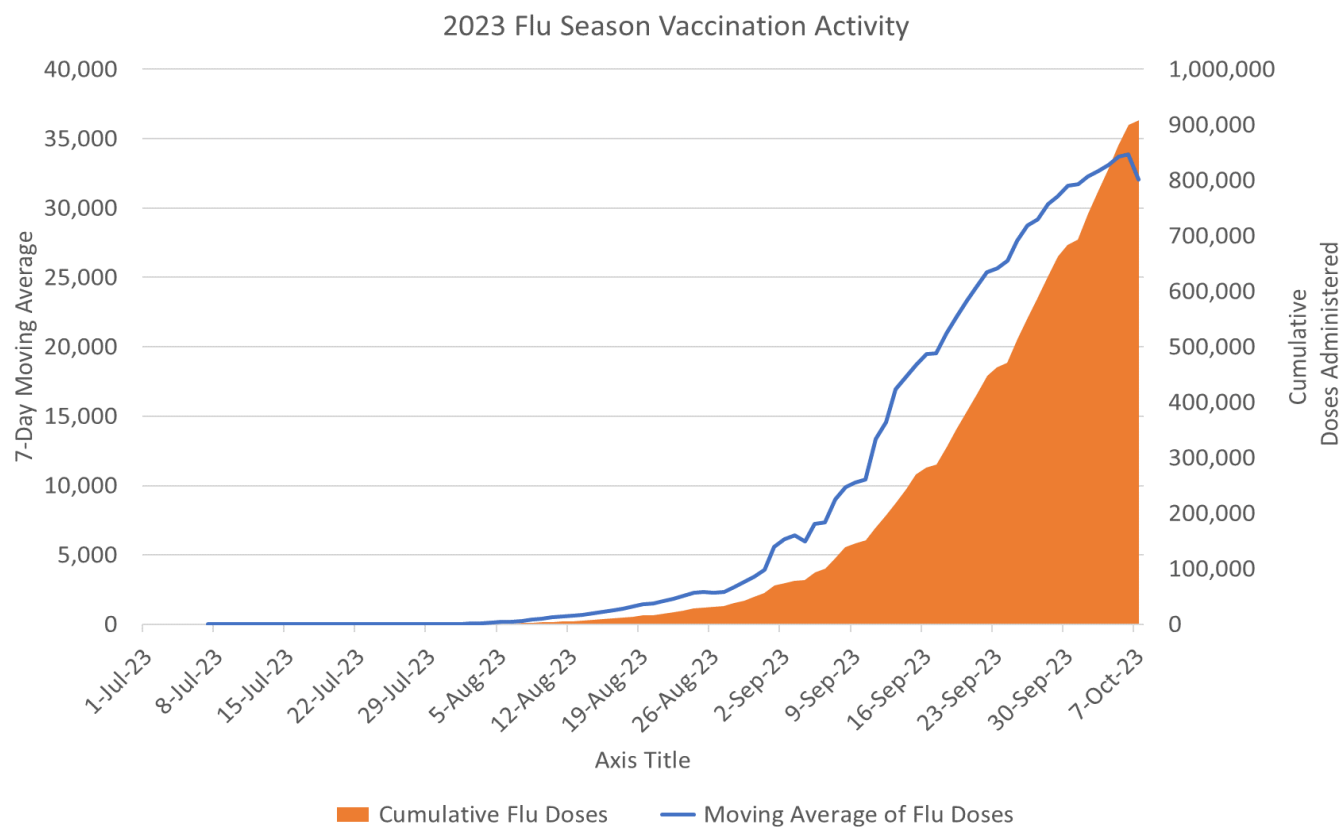


Federal doses not included in this number

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

Virginia: Flu Season 2023 Update

- Through October 7th 908,078 Flu doses have been administered since the Flu Year began on July 1, 2023.
- Flu Vaccinations are reaching their peak with 224,351 doses administered last week compared to 221,434 the week prior.
- Flu Vaccination Uptake in 2023 is tracking similarly to 2022



Source: VDH Vaccine Summary

Virginia: JYNNEOS Administration Update

- Vaccinations have plateaued, with 88 doses administered in the last 30 days vs 86 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

