
Virginia Respiratory Disease and Monkeypox Data Update

March 2, 2023



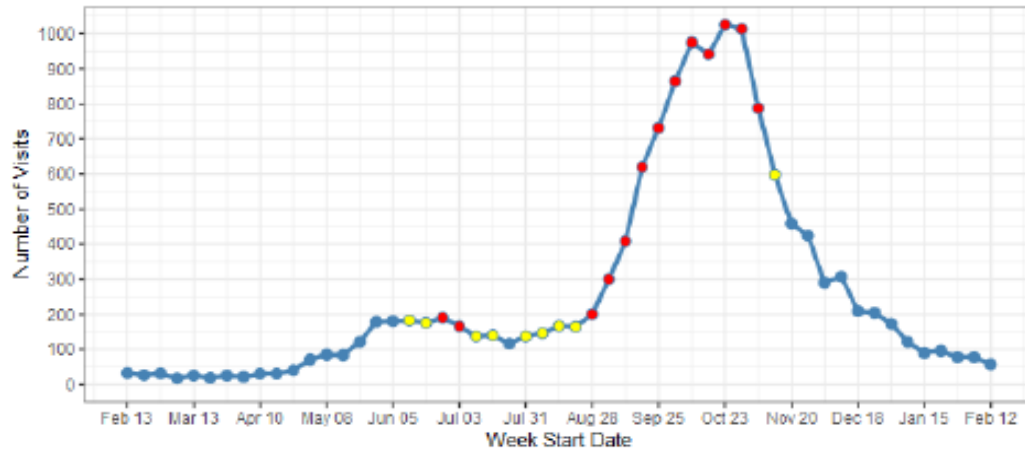
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

Virginia: Respiratory Disease Syndromic Surveillance

| *Diagnosed Respiratory Syncytial Virus (RSV) | | |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|
| 01/29 – 02/04 (MMWR Week 5) | 02/05 – 02/11 (MMWR Week 6) | 02/12 – 02/18 (MMWR Week 7) |
| 77 visits | 78 visits | 58 (-26%) |
| Data is from the week of Feb. 12 – Feb. 18, 2023. Percent change is from week prior | | |
| * RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases) | | |

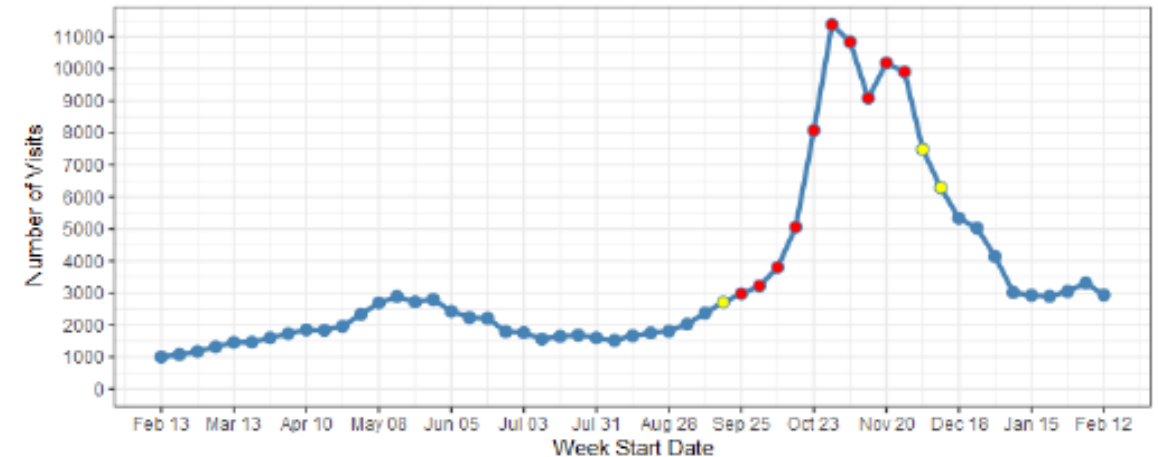
**Weekly ED and Urgent Care Visits with Diagnosed RSV
02/13/22 – 02/18/23**



- Nationally, RSV hospitalization rates nationally decreased from 0.5 to 0.3 per 100k, during the week ending 02/18

| *Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|
| 01/29 – 02/04 (MMWR Week 5) | 02/05 – 02/11 (MMWR Week 6) | 02/12 – 02/18 (MMWR Week 7) |
| 3,047 | 3,307 | 2,938 (-11%) |
| Data is from the week of Feb. 12 – Feb. 18, 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
02/13/22 – 02/18/23**



- Virginia reported 3.0% of all ED and urgent care visits were for ILI, during the week ending 02/18
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 9.9% 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 | | |
|--------------------------------------------------|--------------------------------|--------------------------------|
| 01/29 – 02/04 (MMWR Week 5) | 02/05 – 02/11 (MMWR Week 6) | 02/12 – 02/18 (MMWR Week 7) |
| 15,120 | 15,311 | 13,349 (-13%) |

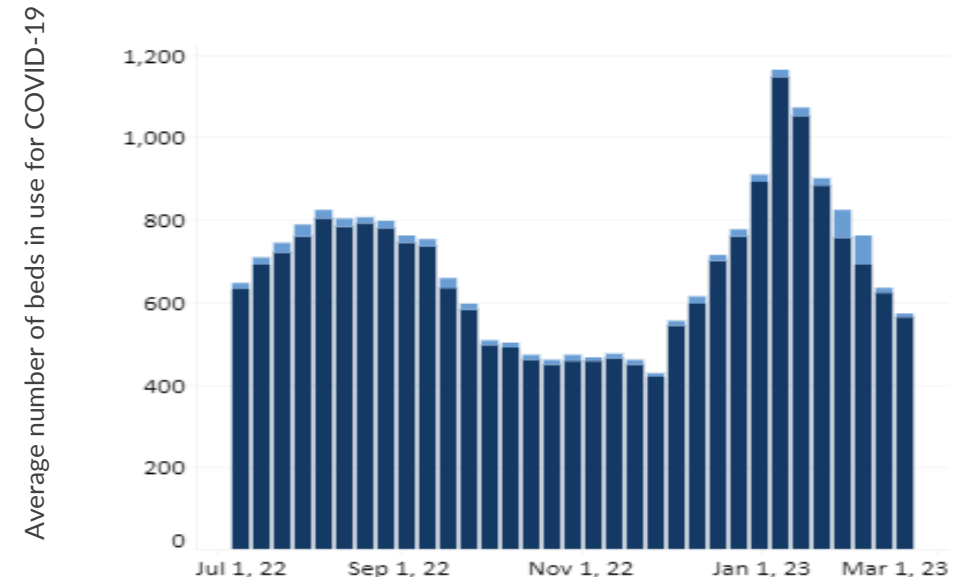
Data is from the week of Feb. 12 - Feb. 18, 2023. Percent change is from week prior

*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 18, 2023, MMWR week 7:
* Compared to last week:

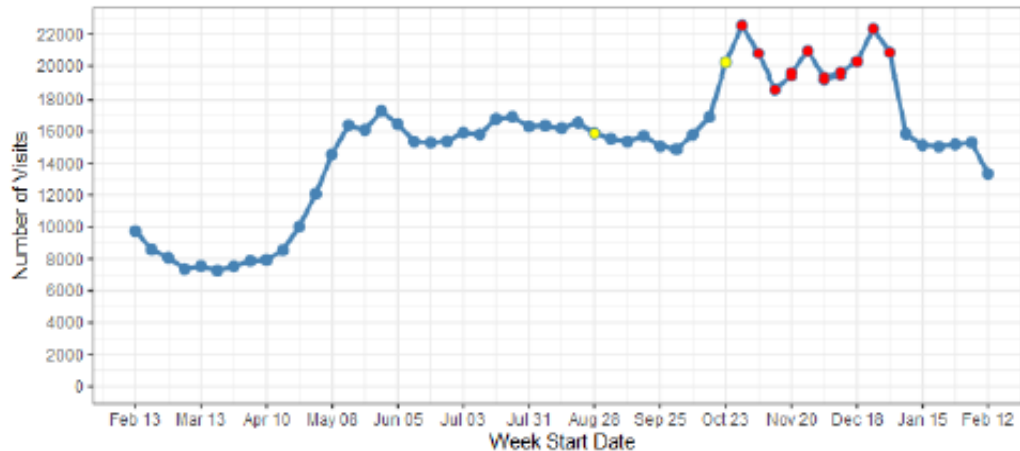
- Weekly case rate **decreased 11%** to 86.1 per 100K
- Hospital Census Data shows a **decrease of 10%** to 573 average beds in use for COVID-19
- The number of deaths reported for this week is **6** (confirmed & probable)

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



■ Pediatric
■ Adult

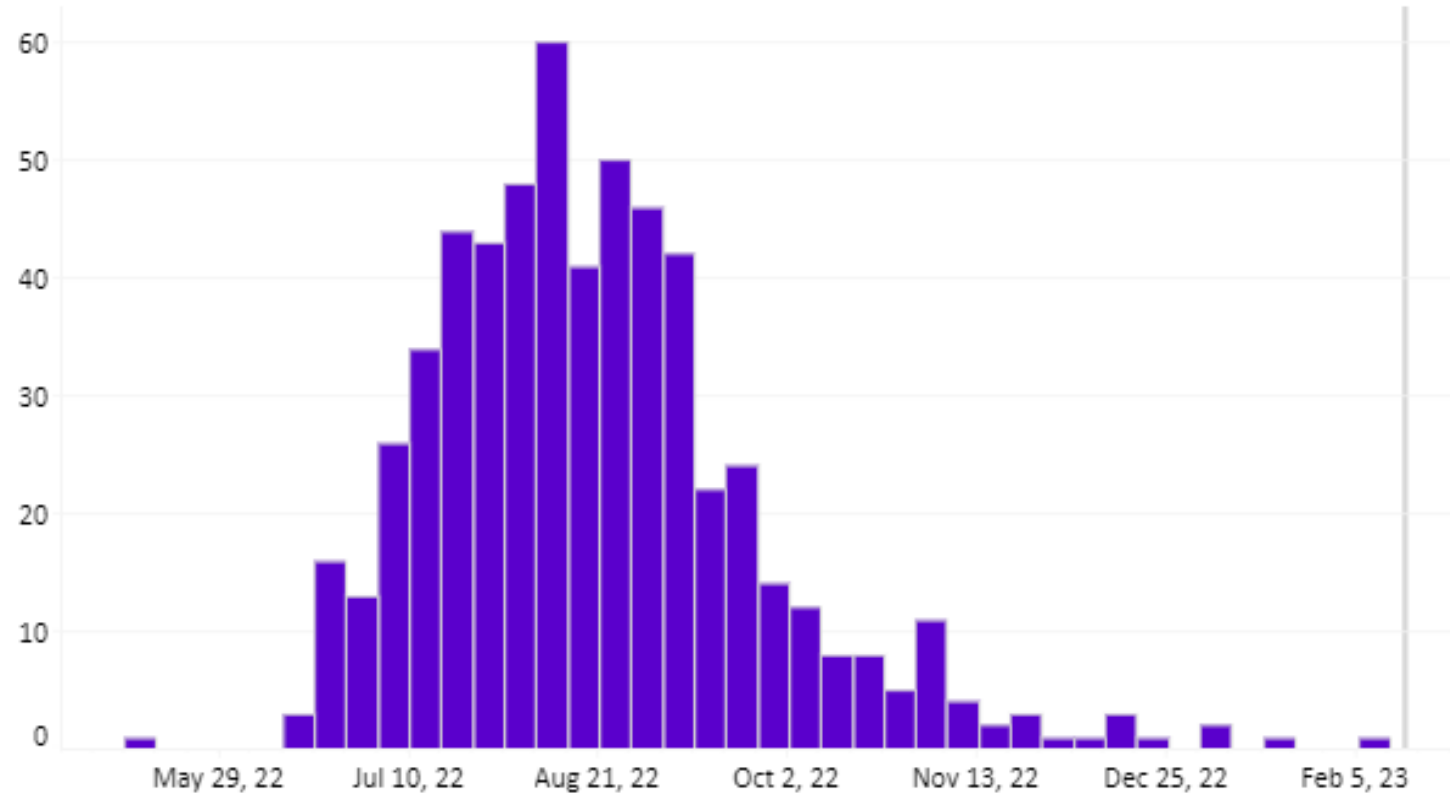
Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 02/13/22 - 02/18/23



*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

Mpox Cases in Virginia

Epi Curve of Mpox Cases (5/2022 – 2/2023)



| | |
|-------------------------|------------|
| Total Cases | 570 |
| Hospitalizations | 30 |
| Deaths | 2 |

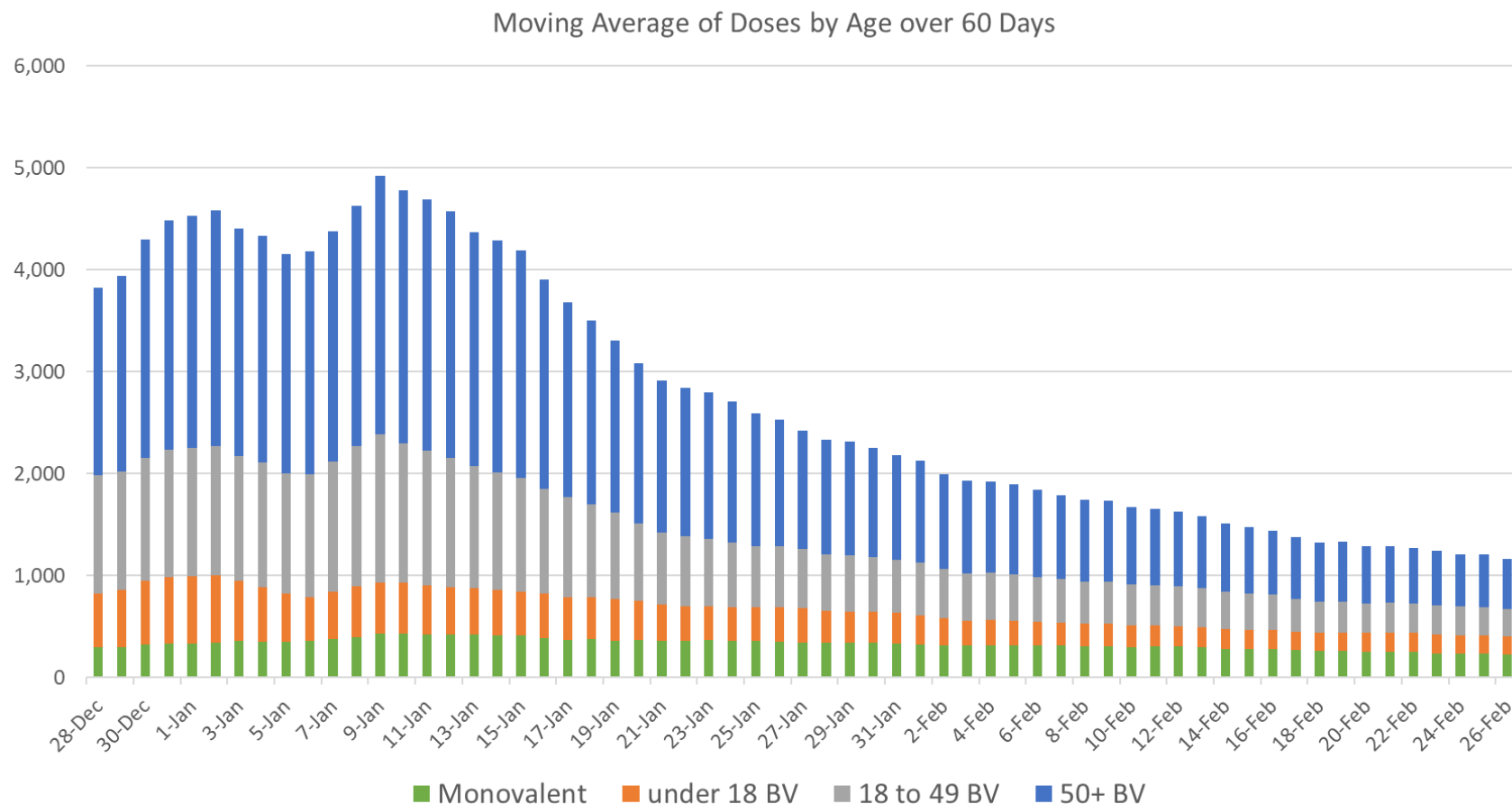
Mpox Cases By Age and Sex (as of 02/28/2023)

| 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.

Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,456,173 Bivalent Covid-19 Vaccine Doses Administered so far
- 6,914 Bivalent doses and 8,567 total doses last week

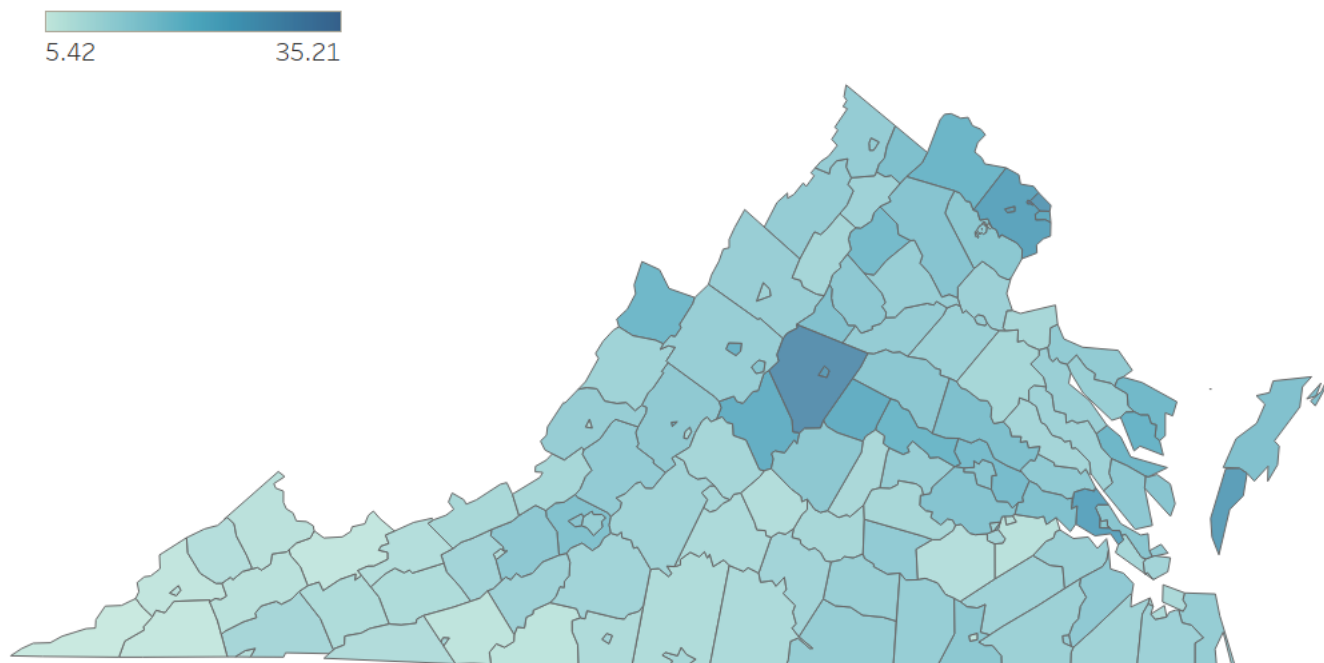


Federal doses not included in this number

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

Virginia: Vaccination across the Commonwealth by Geography

Percent of the Total Population with Bivalent Booster by Locality

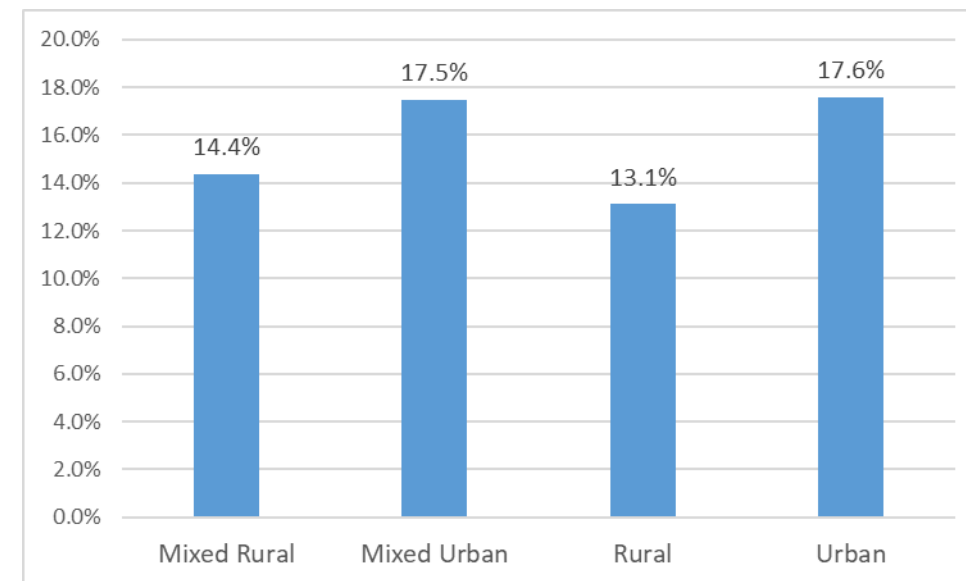


- 73.7% of the Total Population has completed their primary series
- 17.1% of the Total Population has a Bivalent Booster
- 24.3% of the Eligible Population has a Bivalent Booster
- Virginia is 16th in the nation in Bivalent Booster uptake

Vaccination Rates by Region

| Health Region | Fully Vaccinated | Change |
|---------------|------------------|--------|
| Central | 64.7% | 0.0% |
| Eastern | 60.8% | 0.1% |
| Northern | 77.0% | 0.0% |
| Northwest | 62.4% | 0.0% |
| Southwest | 54.9% | 0.0% |

Bivalent Uptake by Urban / Rural



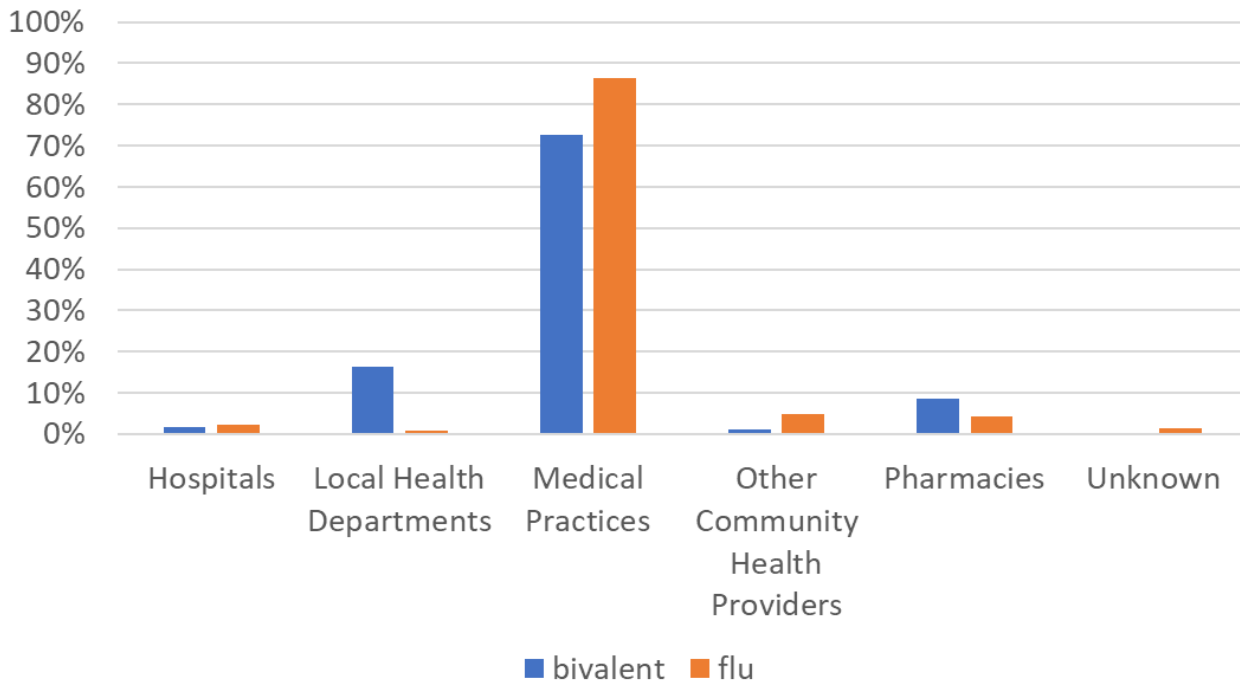
Federal doses not included in this number

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

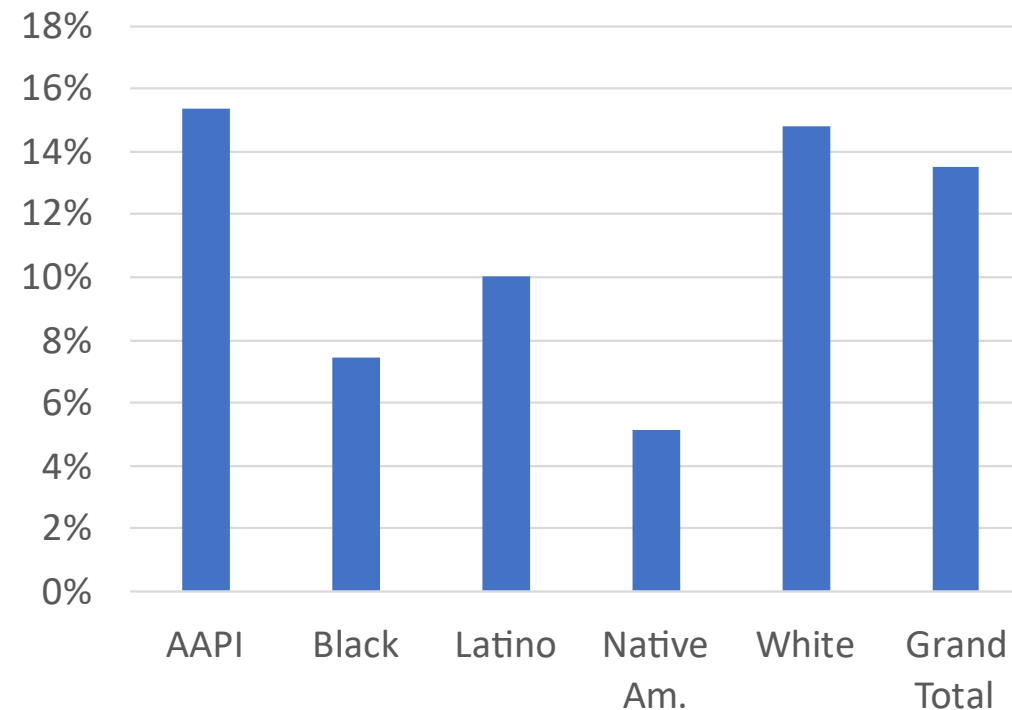
Virginia: Pediatric Bivalent Vaccination Update

- 5,268 Pediatric Bivalent doses administered so far
 - 2,030 are Moderna Bivalent Booster and 3,238 are Pfizer Bivalent 3rd Doses
- 13.7% of those eligible for a Moderna Bivalent Booster received one
- Most administrations for Bivalent and Flu Vaccinations are at Medical Practices

Location of Pediatric Dose Administrations



% pediatric bivalent uptake / eligible



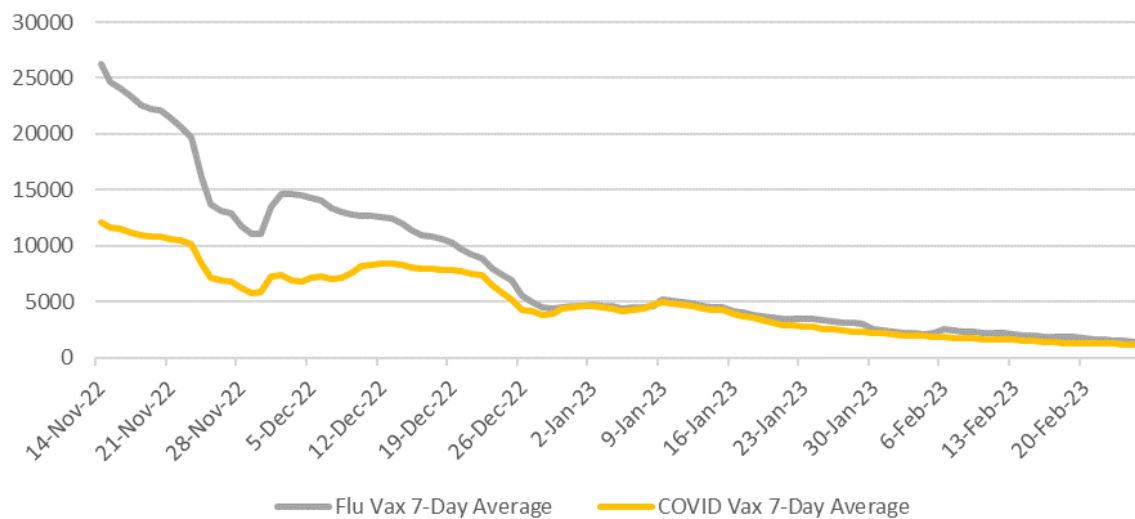
Federal doses not included in this number

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

Virginia: Flu Vaccine Update

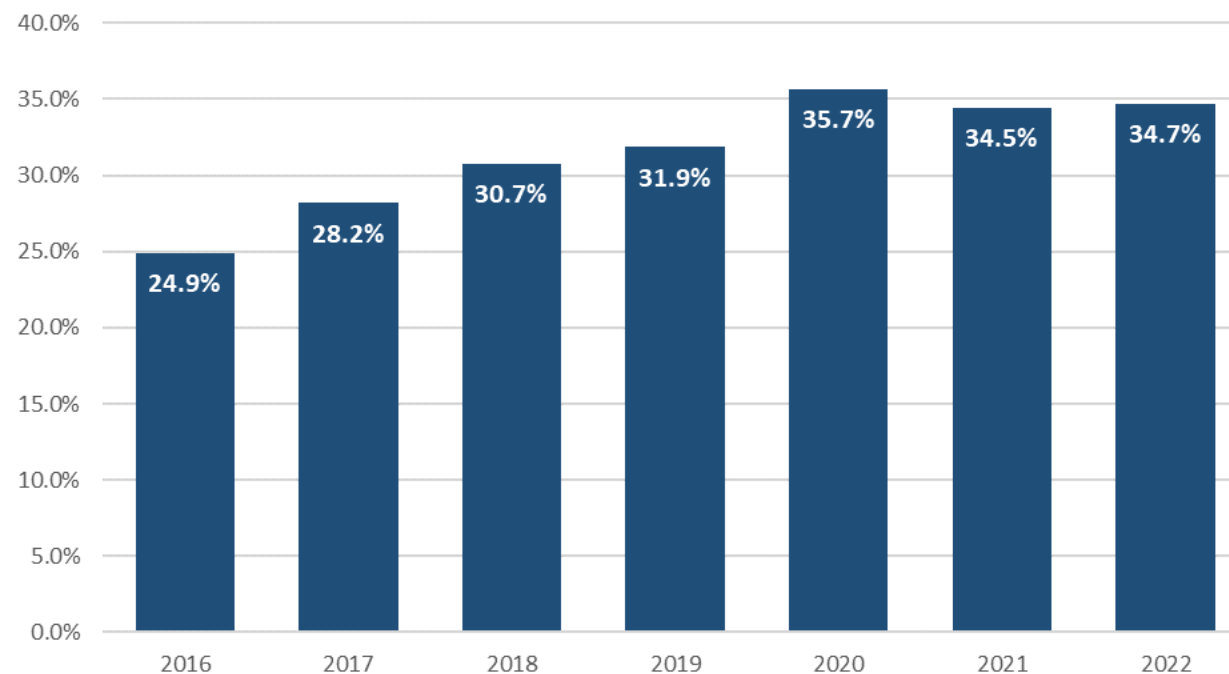
- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since the Winter holidays
- There have been 3.01 million Flu Vaccine doses administered (35% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

7-Day Average of Flu Vax vs Covid Vax



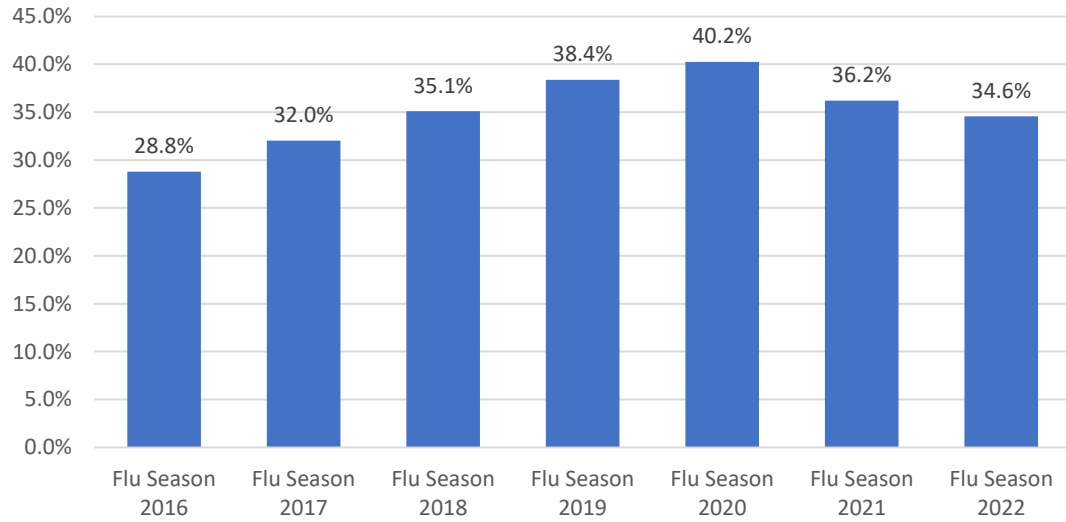
7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.

Flu Vaccine Uptake by Adjusted Population through Feb. 25th

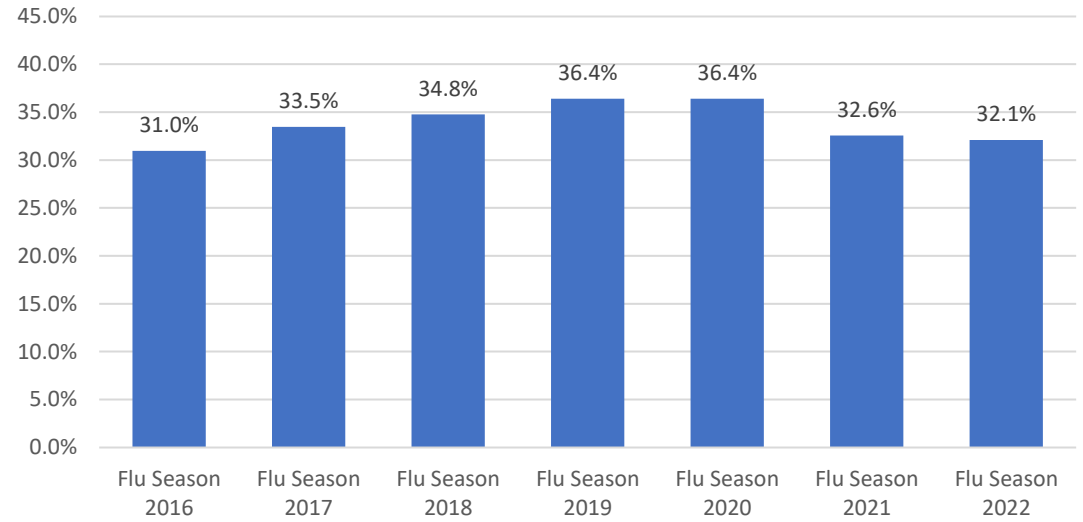


Virginia: Flu Vaccination Rate for Under 18 by Race / Ethnicity

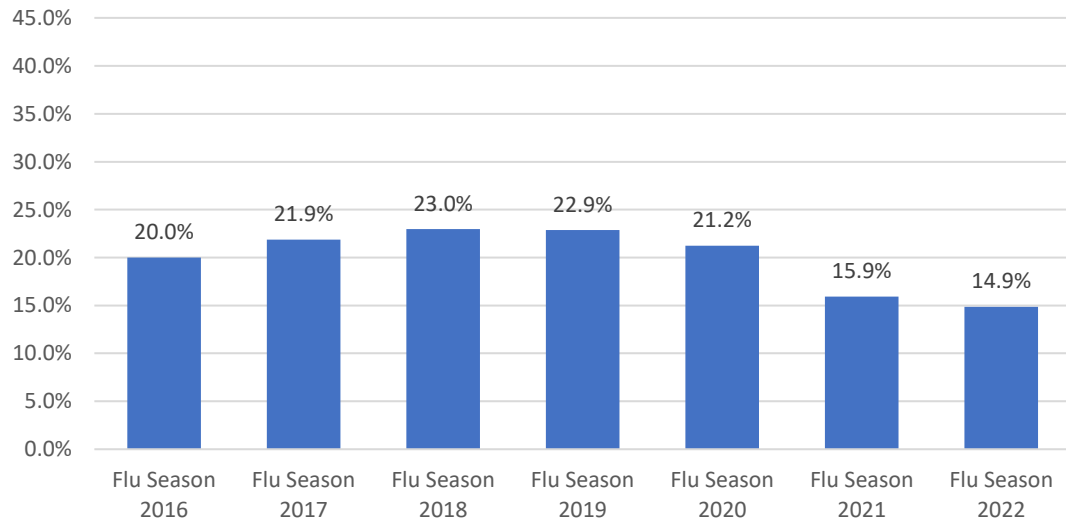
Asian/AAPI Flu Uptake by Adjusted Population through Feb. 18



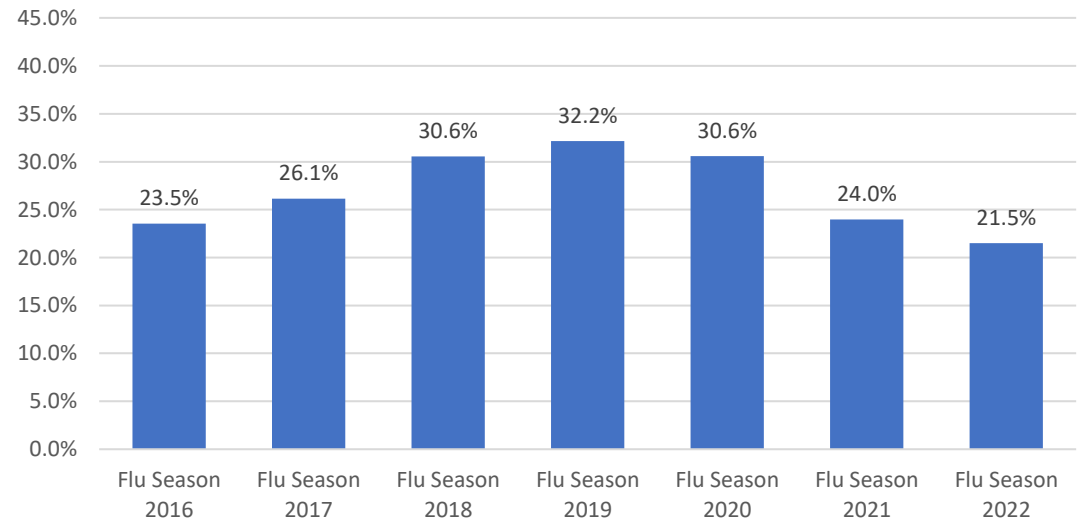
Latino Flu Uptake by Adjusted Population through Feb. 18



Black Flu Uptake by Adjusted Population through Feb. 18



White Flu Uptake by Adjusted Population through Feb. 18



Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 35 doses administered last week out of the total 22,047 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

