
Virginia Respiratory Disease Update Monkeypox Update

August 25, 2022



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

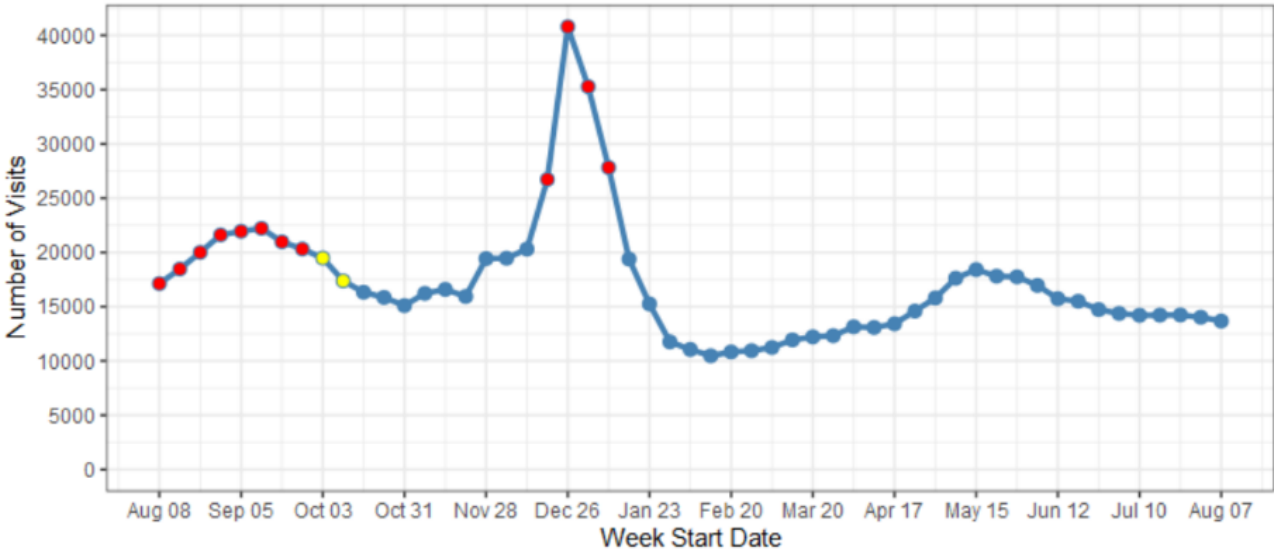
Do your part,
stop the spread.

Virginia Syndromic Surveillance	
Overall Respiratory Illness	13,677 (<5%)
Influenza-Like Illness	1,517 (-5%)
COVID-Like Illness	15,892 (<5%)

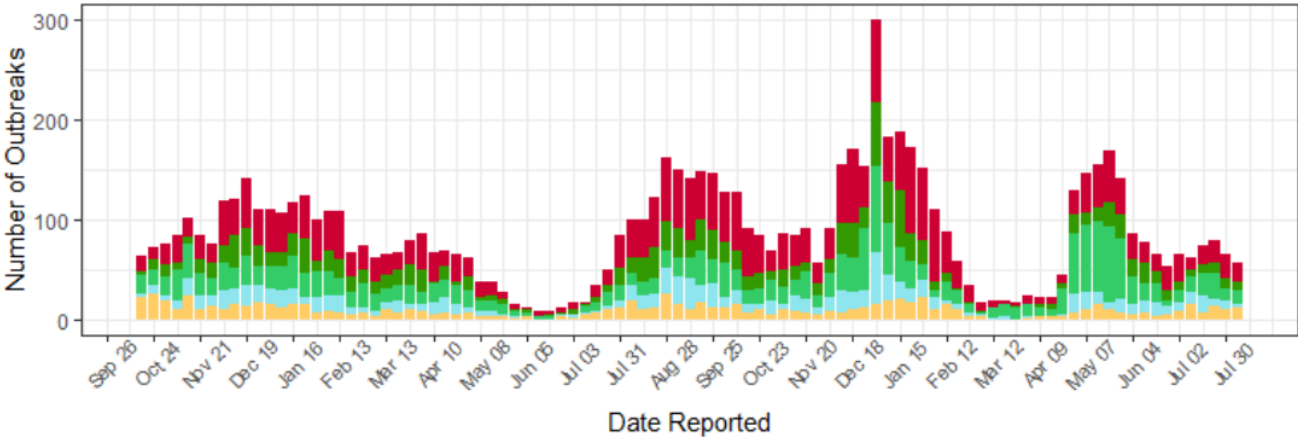
* Data is from week of Aug 7-13, 2022.

† Percent change is from week prior

Weekly ED and Urgent Care Visits for Respiratory Illness, VA, 8/8/21 – 8/13/22



Respiratory Outbreaks by Region
VA, 9/2020 – 8/2022



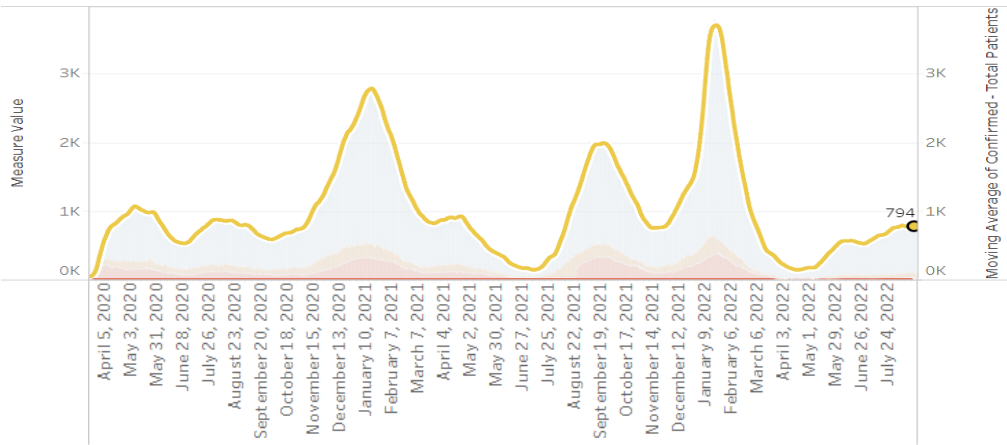
Regions	Outbreaks
Central Region	26
Eastern Region	4
Northern Region	8
Northwest Region	13
Southwest Region	4

*Data as of 8/17/2022

COVID-19 Metrics	
US Case Rate per 100k	191.5 (-12%)
Virginia Case Rate per 100k	202.7 (-6.6%)
Virginia Hospitalizations	786 (+1.0%)
Virginia New Deaths	14

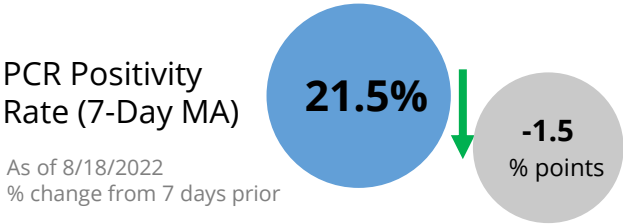
* Data is from 8/19
† Percent change is from week prior

COVID-19 Hospitalization Trends, VA, 3/2020 – 8/2022



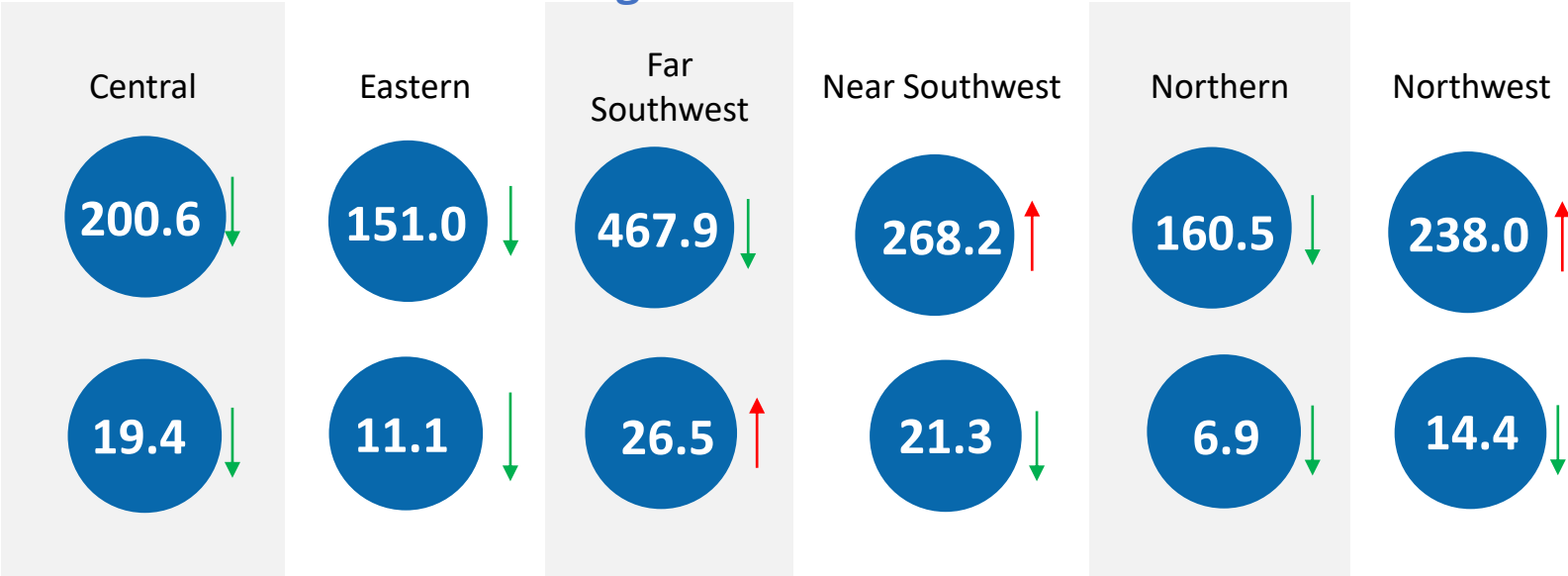
7-Day Moving Average of Confirmed COVID-19 Hospitalizations

PCR Test Positivity Rate



New cases per 100k within the last 7 days

COVID-like ED visits rate per 100k

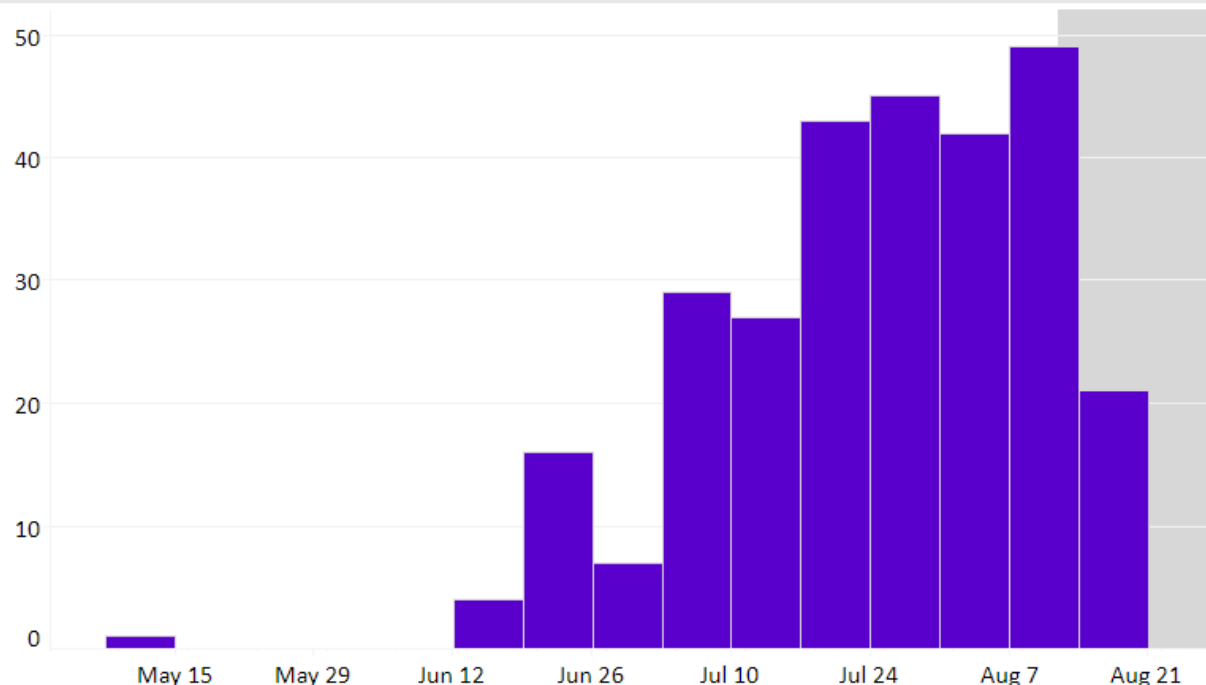


Virginia: Monkeypox Case Surveillance

Updated 8/24/22

Number of Cases by Week

The graph shows the number of monkeypox cases reported to VDH by the date closest to when the person became ill or got tested for the monkeypox virus.



Monkeypox Data As of 8/24/22

Total Cases	284
Total Hospitalizations	10
Total Deaths	0

Source: [VDH Monkeypox Data](#)

Cases by Sex

Sex is the current sex reported by the case

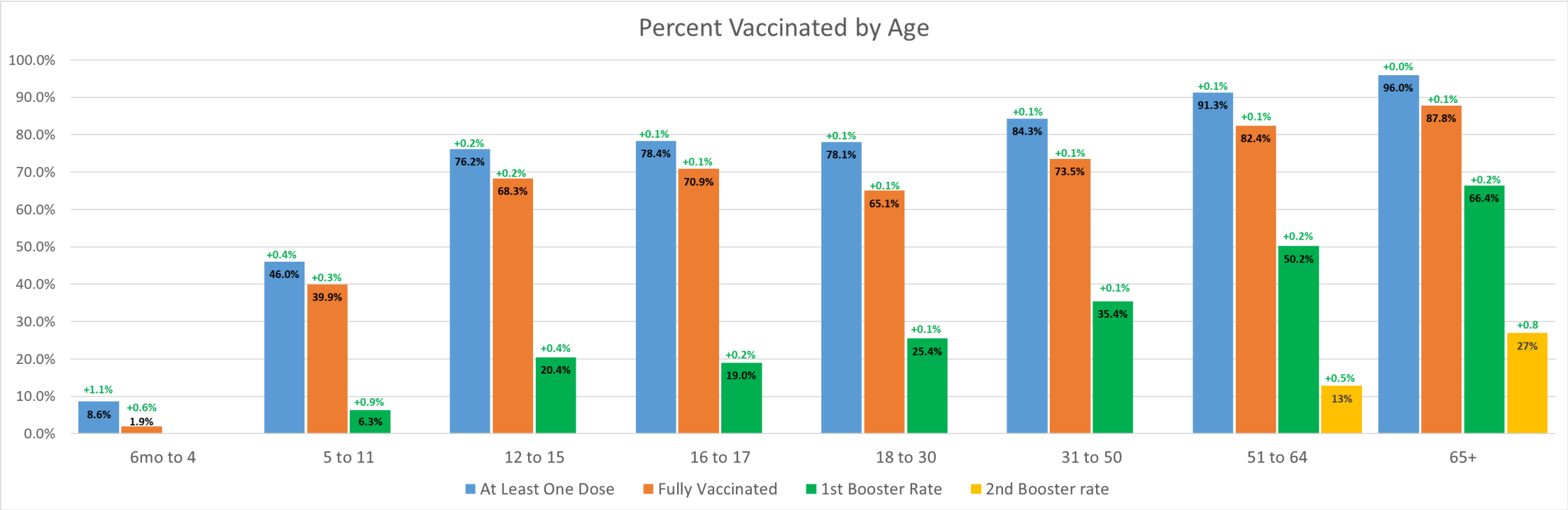
	Total Cases	Percent of Cases
Female	3	1.1%
Male	281	98.9%

Cases by Age Group

	Total Cases	Percent of Cases
0-9 Years	0	0.0%
10-14 Years	1	0.4%
15-19 Years	3	1.1%
20-29 Years	103	36.3%
30-39 Years	114	40.1%
40-49 Years	43	15.1%
50-59 Years	16	5.6%
60-69 Years	3	1.1%
70+ Years	1	0.4%

Cases by Race and Ethnicity[^]

	Total Cases	Percent of Cases
Asian or Pacific Islander	5	1.8%
Black	103	36.3%
Latino	39	13.7%
Native American	2	0.7%
White	73	25.7%
Other Race	13	4.6%
Two or more races	17	6.0%
Not Reported	32	11.3%

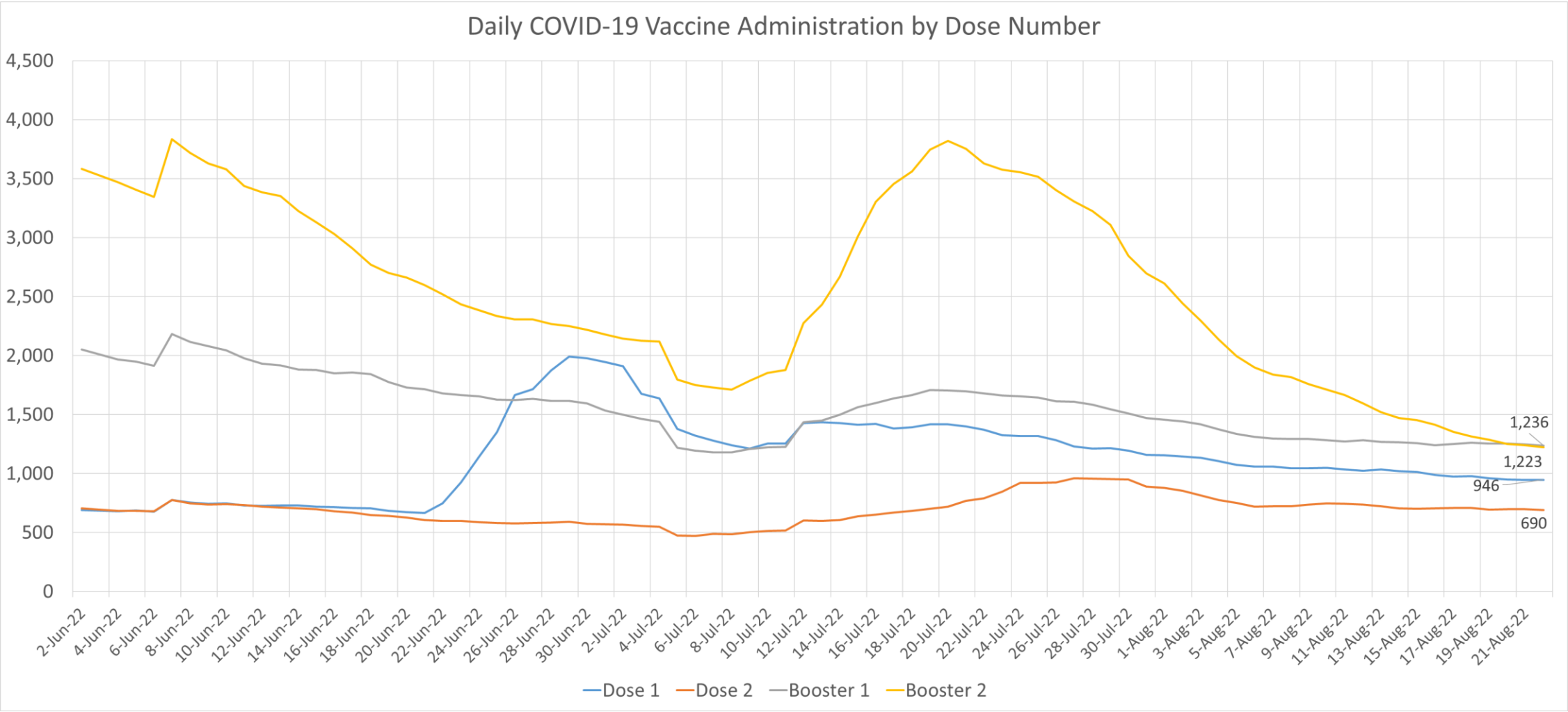


Virginia Vaccination by Age

- ✓ **72.2% (+0.2%)** of the Total Population is Fully Vaccinated
- ✓ **25.1% (+0.2%)** of the Total Population is “Up-to-Date” with their Vaccinations
- ✓ **52.4% (+0.2%)** of the Eligible Population received a First Booster
- ✓ **35.1% (+0.6%)** of the Eligible 50+ Population received a Second Booster
- ✓ For 5 to 11 year olds, Virginia is in the top 10 nationally for vaccinations, and 17.3% of those eligible have a booster
- ✓ Green percent represents percent increase from two weeks prior

Vaccine Administrations by Dose Type

- Most Vaccine Administrations are plateauing



Federal doses not included in this number
Source: [COVID-19 Vaccine Summary – Coronavirus \(virginia.gov\)](#)

Vaccination Update for Young Children: Pfizer 6mo to 4 year old and Moderna 6mo to 5 year old Vaccine

Updated 8/24/22

- Virginia is top 10 in under 5 y.o. vaccinations nationally among States reporting
- There have been 33,621 First doses administered to the under 5 population since June 20th, 2022
- The total 6 month to 4 year old First Dose Vaccination Rate for Virginia is 7.4% (+1.2%)

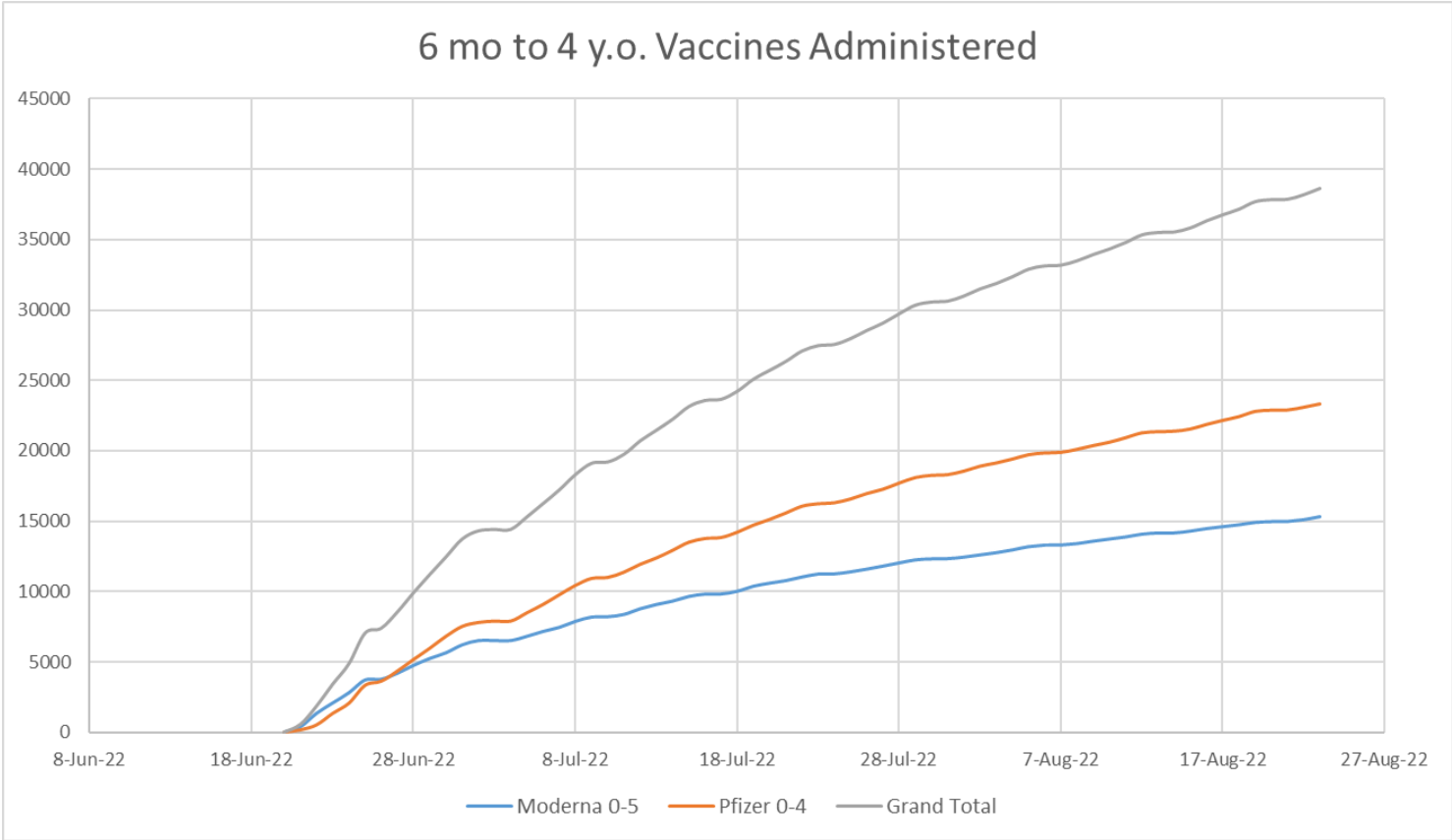
Vaccination Rate by Age

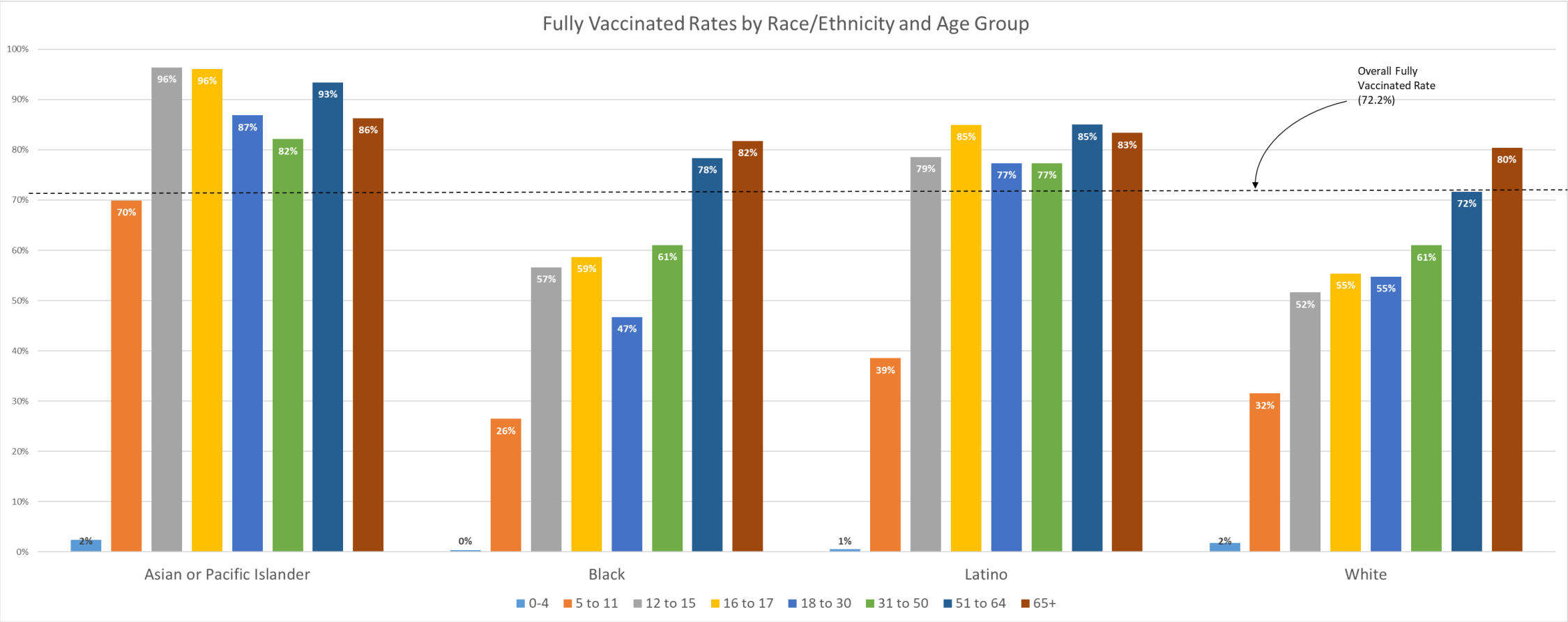
Age	1st dose rate
0	7.0%
1	7.1%
2	8.5%
3	9.4%
4	9.8%
5	49.7%

**5 year old includes Pfizer 5 to 11 Vaccine since Nov 2021*

Regional Vax Rate for 6 mo. to 4 year olds

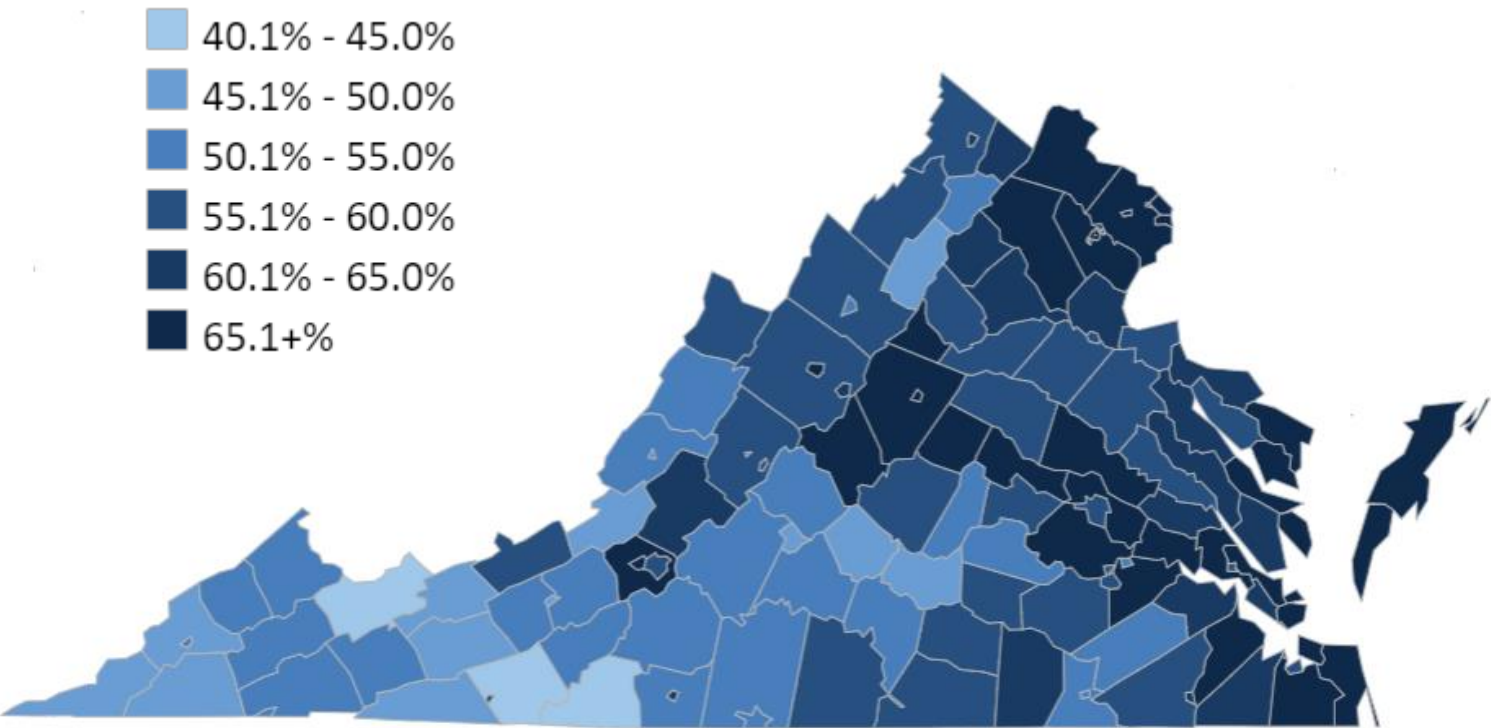
Region	1st Dose Rate
Central	6.8%
Eastern	3.0%
Northern	13.2%
Northwest	5.8%
Southwest	2.3%
Grand Total	8.5%





Change in Fully Vaccinated	0 to 4	5 to 11	12 to 15	16 to 17	18 to 30	31 to 50	51 to 64	65+
Asian or Pacific Islander	0.7%	0.4%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%
Black	0.1%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
Latino	0.2%	0.3%	0.2%	0.1%	0.1%	0.0%	0.1%	0.1%
White	0.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Percent of the Total Population Fully Vaccinated by Locality

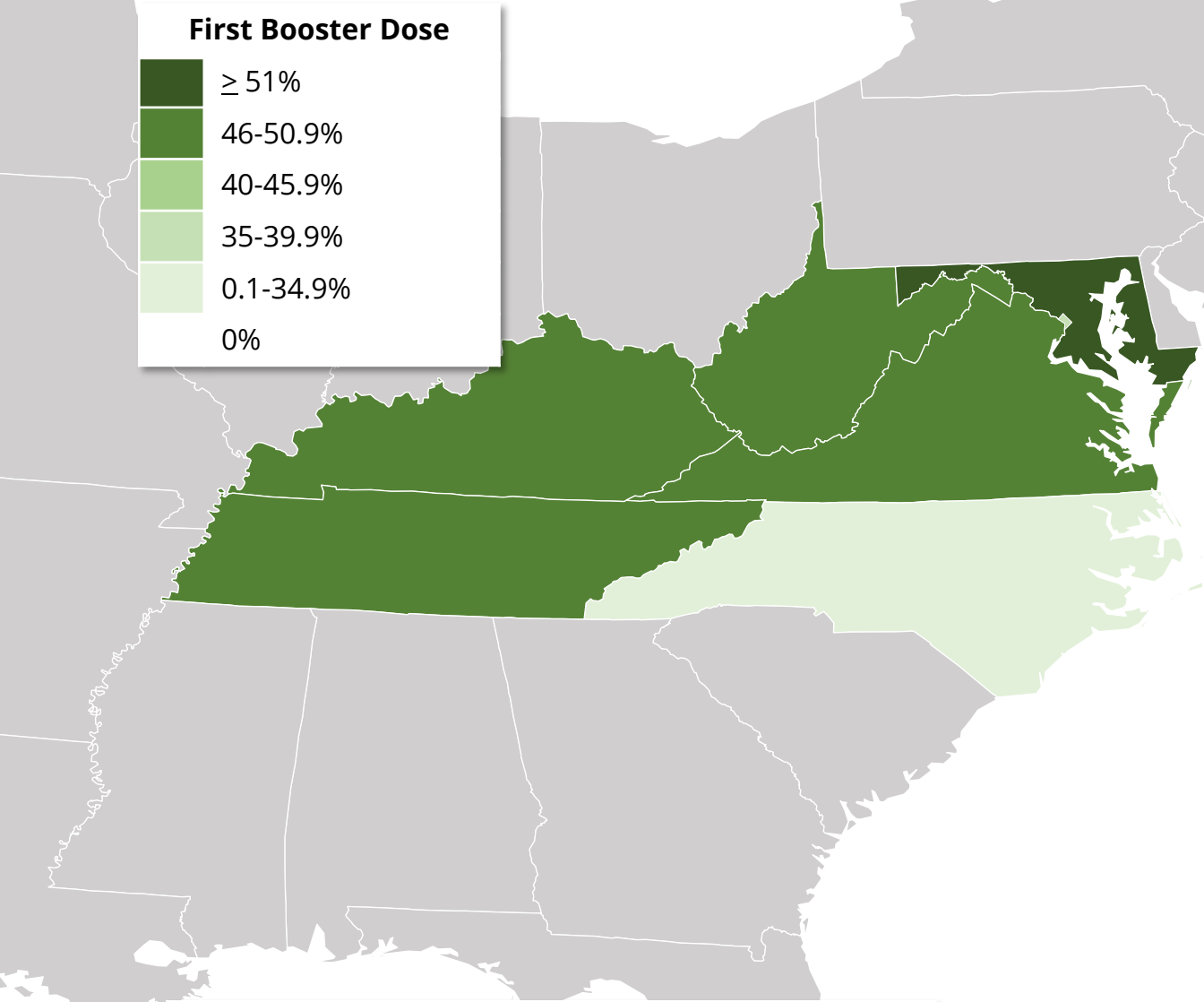


Vaccination Rates by Region

Health Region	Fully Vaccinated	Change	Up-to-Date
Central	64.0%	0.1%	42.0%
Eastern	60.0%	0.1%	37.9%
Northern	75.4%	0.3%	54.2%
Northwest	61.7%	0.2%	40.3%
Southwest	54.3%	0.1%	32.2%

- 15 out of 133 Localities have a fully vaccinated rate below 50%
- 19 out of 133 Localities have a fully vaccinated rate above 70%
- There is a disparity across Urban and Rural areas by Age Groups, with Rural Adolescents the Lowest Vaccinated group

Change in Fully Vax	0 to 4	5 to 11	12 to 17	16 to 17	18 to 30	31 to 50	51 to 64	65+	Total
Mixed Urban	0.3%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%
Urban	0.3%	0.3%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%
Mixed Rural	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%
Rural	0.3%	0.3%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%
Grand Total	0.3%	0.3%	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.1%



	One Dose*	Fully Vax*	First Booster**
Nationwide	79.0%	67.4%	48.4%
D.C.	95.0%	78.5%	44.0%
Kentucky	67.3%	58.3%	46.2%
Maryland	88.7%	77.1%	54.2%
North Carolina	87.0%	63.3%	28.5%
Tennessee	63.2%	55.3%	46.2%
Virginia**	87.6%	74.4%	50.8%
West Virginia	66.1%	58.6%	47.7%

*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