
Virginia Respiratory Disease and Monkeypox Data Update

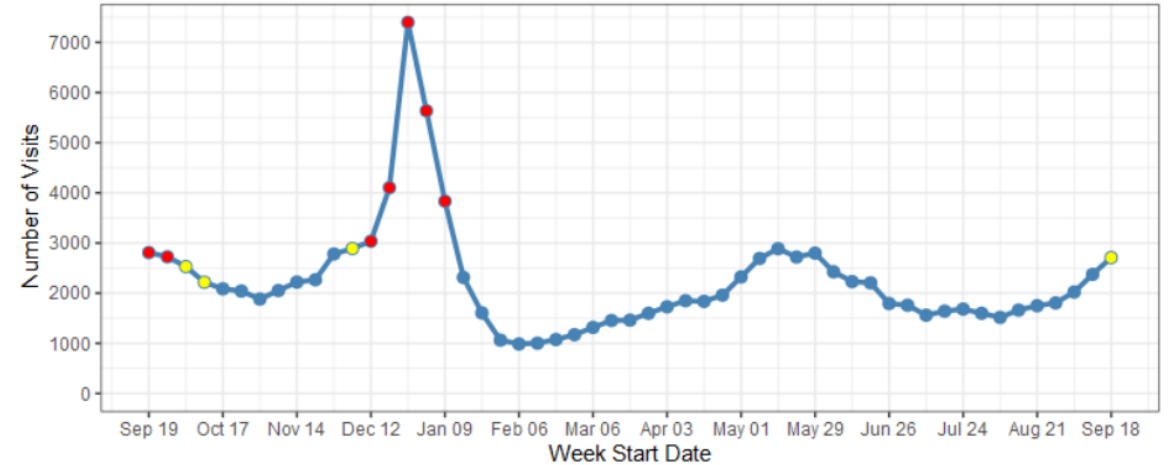
October 6, 2022



Virginia: Disease Syndromic Surveillance

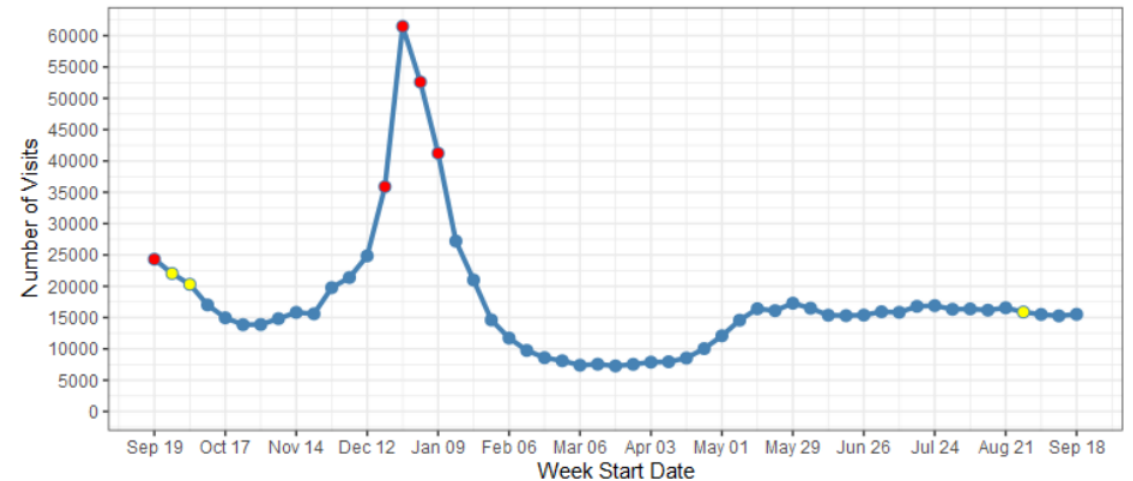
*Influenza-Like Illness ED and Urgent Care Visits		
9/4 – 9/10 (MMWR Week 36)	9/11 – 9/17 (MMWR Week 37)	9/18 – 9/24 (MMWR Week 38)
2,026	2,380	2,709 (+14%)
Data is from the week of Sept 18-24, 2022. Percent change is from week prior		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. Visits with diagnosed COVID-19 are excluded.		

Weekly ED and Urgent Care Visits for Influenza-Like Illness, VA, 9/19/21 – 9/24/22



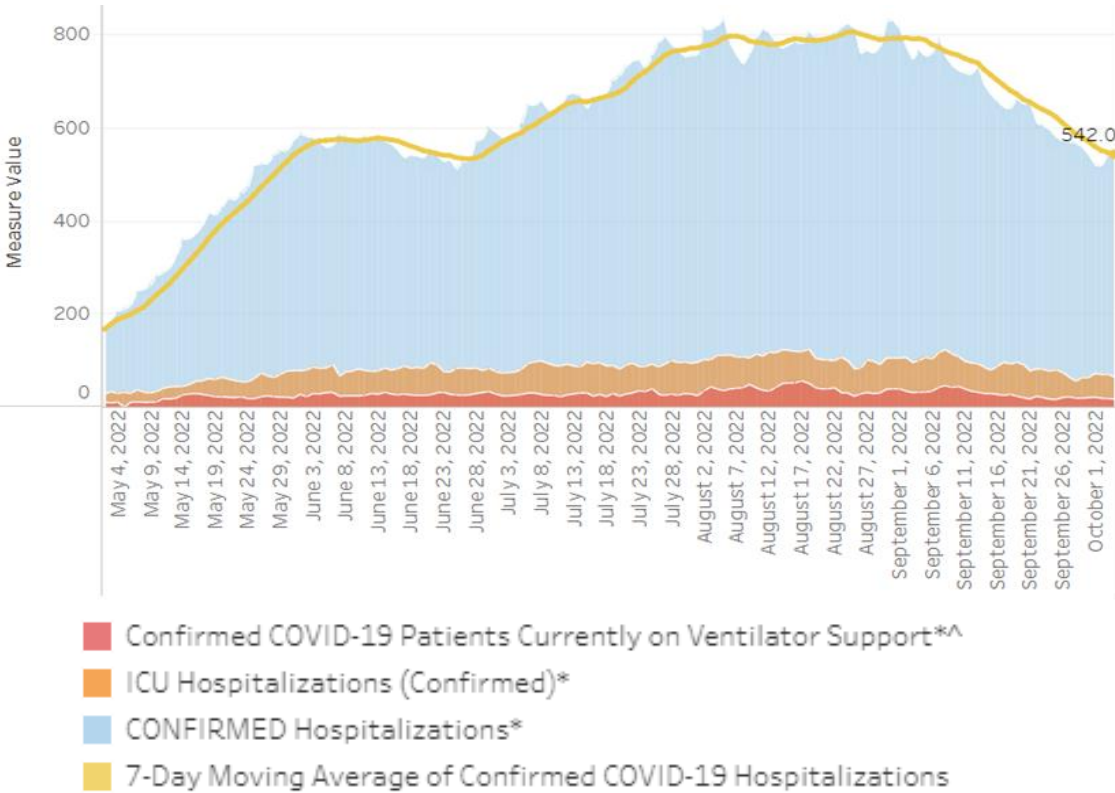
*COVID-Like Illness ED and Urgent Care Visits		
9/4 – 9/10 (MMWR Week 36)	9/11 – 9/17 (MMWR Week 37)	9/18 – 9/24 (MMWR Week 38)
14,913	14,786	15,511 (<5%)
Data is from the week of Sept 18-24, 2022. Percent change is from week prior		
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g. 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.		

Weekly ED and Urgent Care Visits for Covid-Like Illness, VA, 9/19/21 – 9/24/22



Virginia: COVID-19 Cases, Hospitalizations, and Deaths

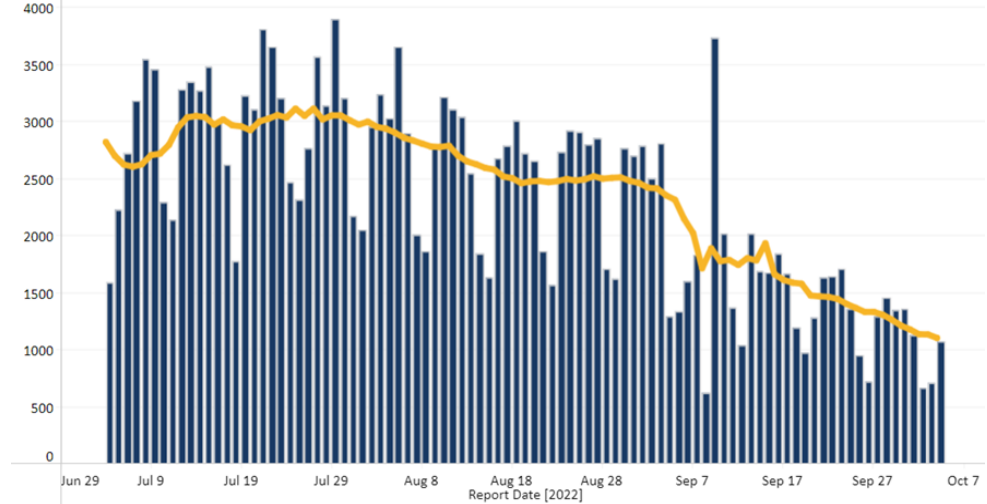
COVID-19 Hospitalization Trends Virginia, May 2022 – October 2022



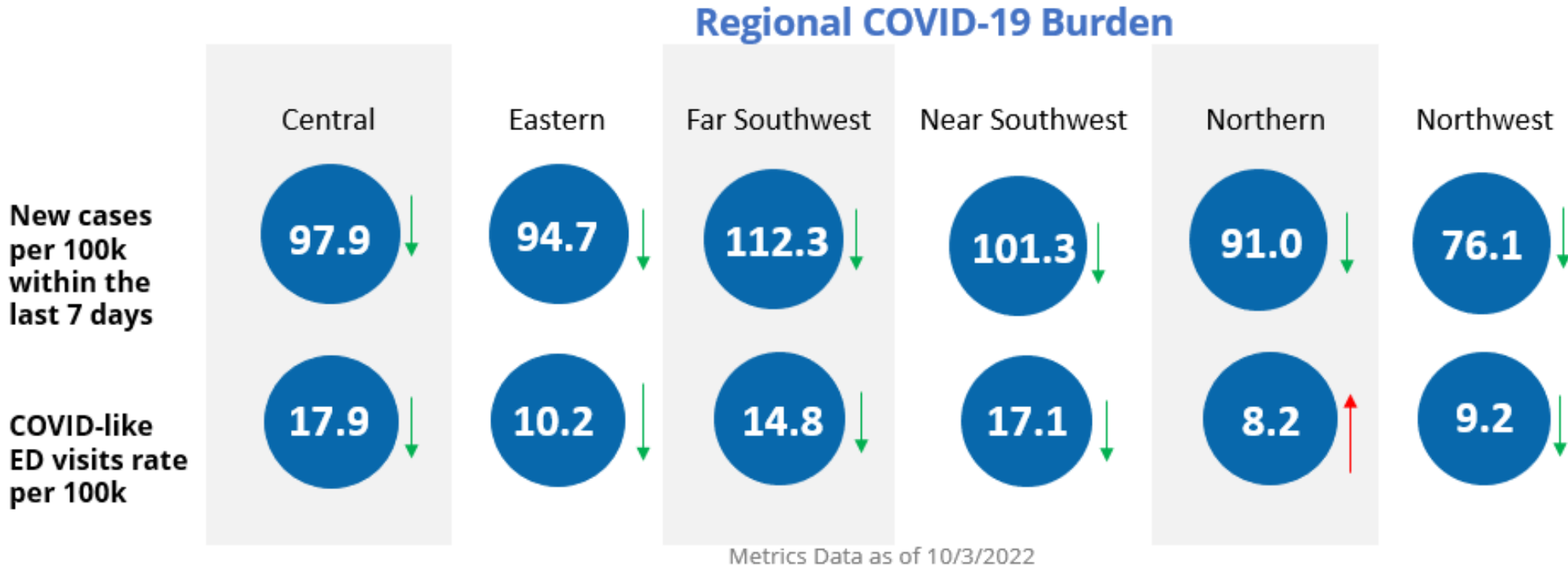
* Compared to last week:

- **Cases decreased** to 99 (7-day MA) per day (-16.1%)
- **Hospitalizations decreased** to **542** (7-day MA) per day (-9.5%)
- 7-day moving average of **new deaths is 13**

Total Cases by Date Reported Virginia, June 2022 – October 2022



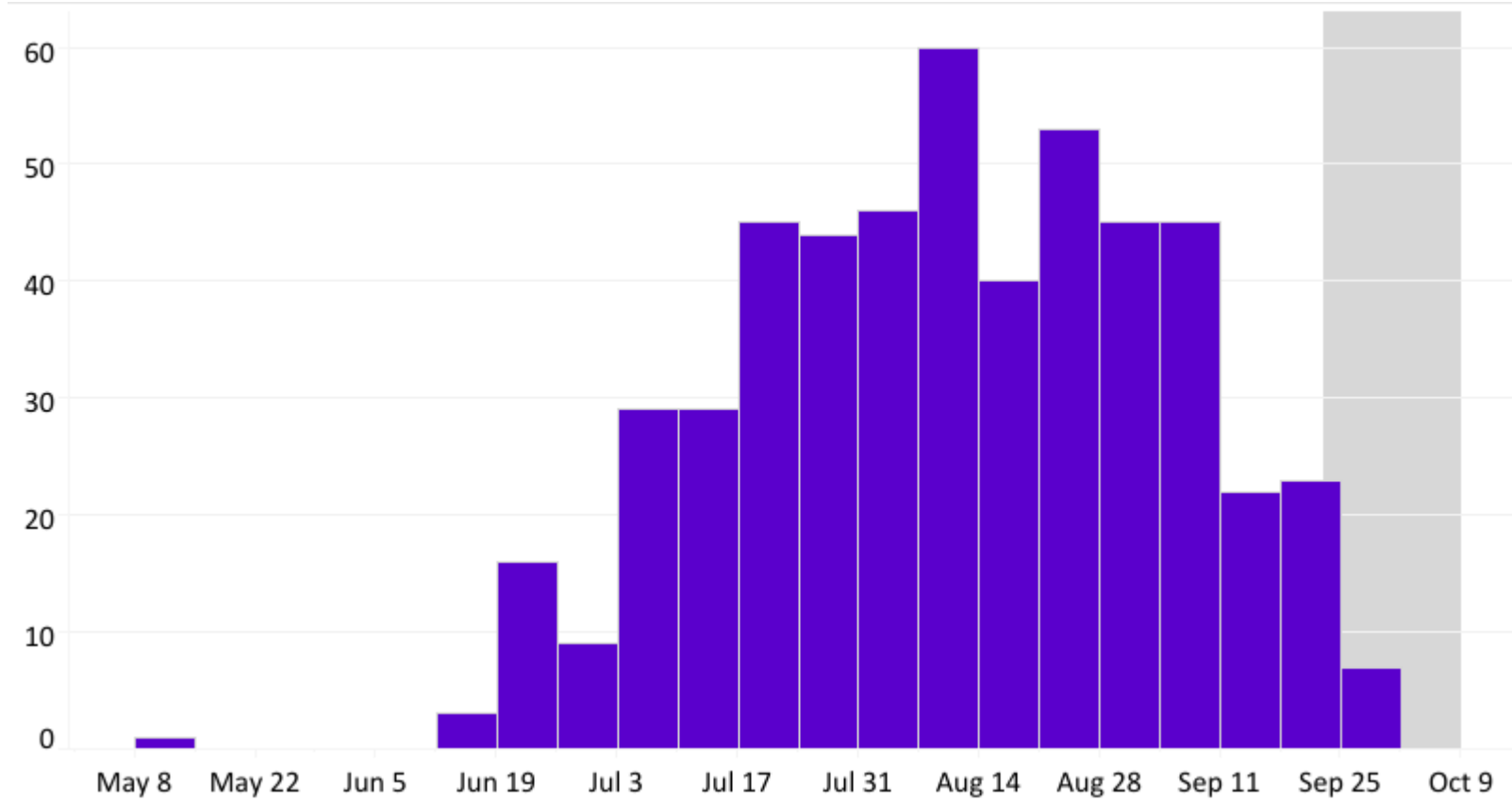
Source: [CDC COVID Data Tracker, Cases – Coronavirus \(virginia.gov\), VHHA Hospitalizations – Coronavirus \(virginia.gov\)](#)
 *Data comparisons: Cases: Friday – Friday (9.23.2022 -9.30.2022), Hospitalizations: Tuesday-Tuesday (9.27.2022-10.4.2022), Deaths: 10.4.2022



Monkeypox Cases in Virginia (as of 10/5)

Monkeypox Cases By Age and Sex (as of 10/5)

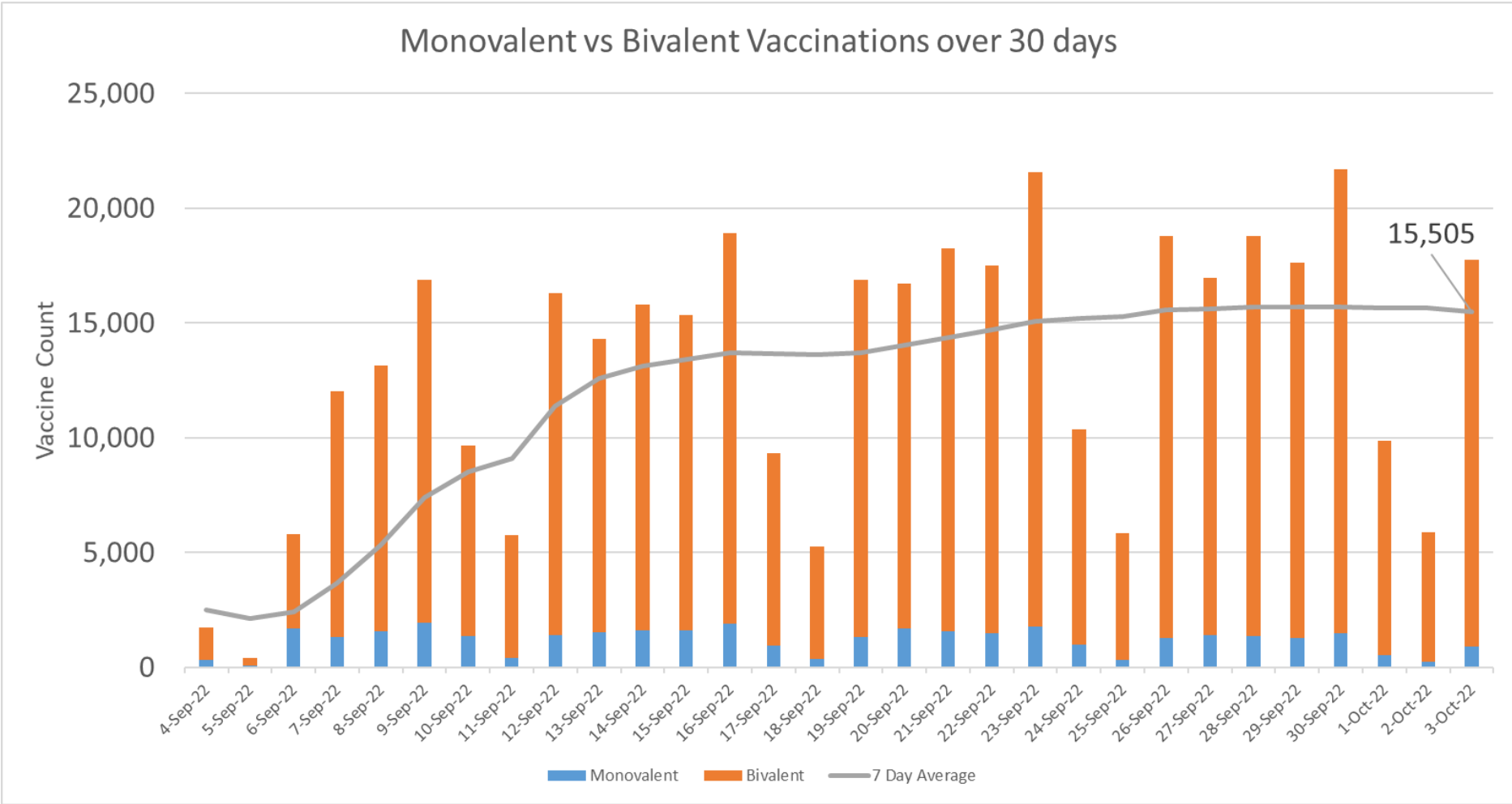
Epi Curve of Monkeypox Cases (5/2022 – 10/2022)



Total Cases	498
Total Hospitalizations	23

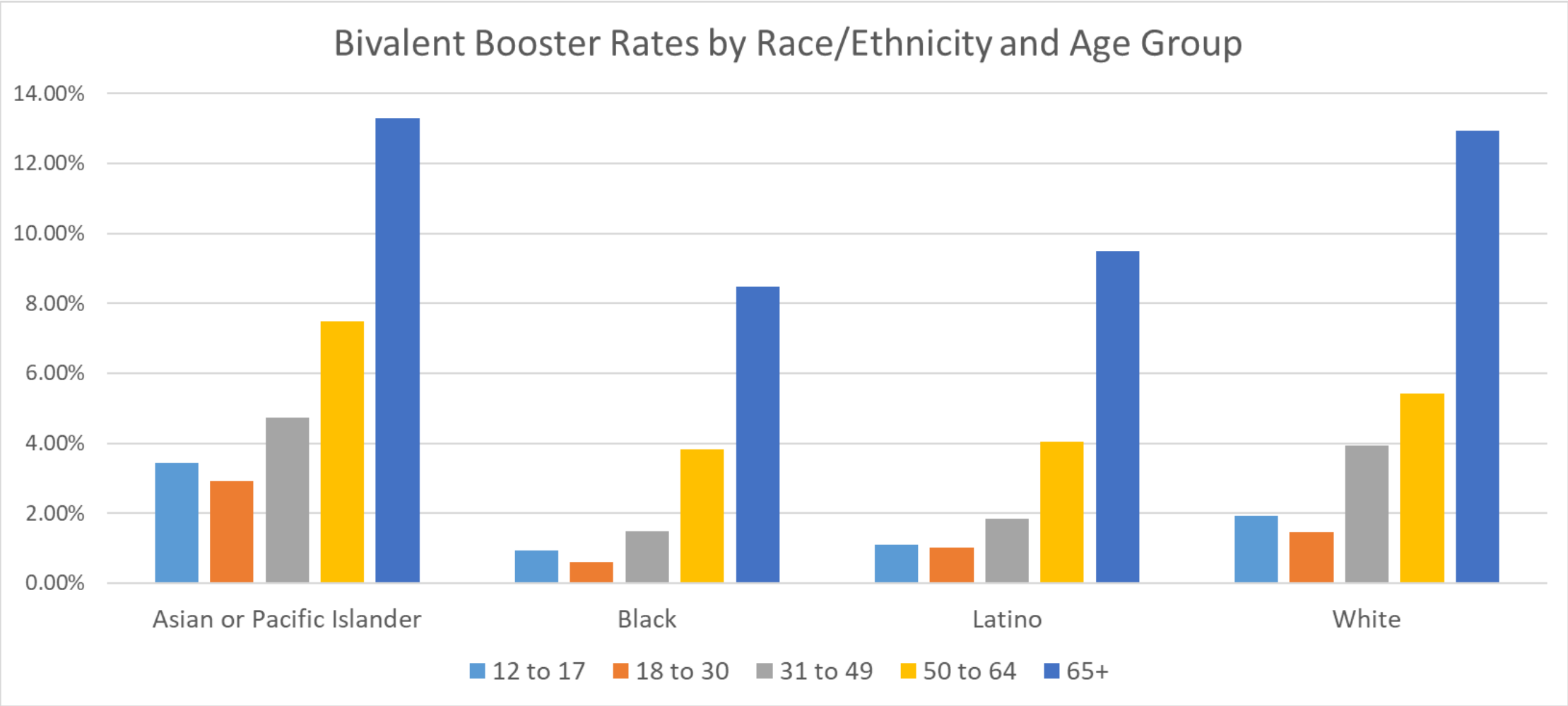
Age Group	Cases
0-9 Years	0
10-14 Years	1
15-19 Years	11
20-29 Years	183
30-39 Years	197
40-49 Years	75
50-59 Years	26
60-69 Years	3
70+ Years	2
Sex	Cases
Female	24
Male	474

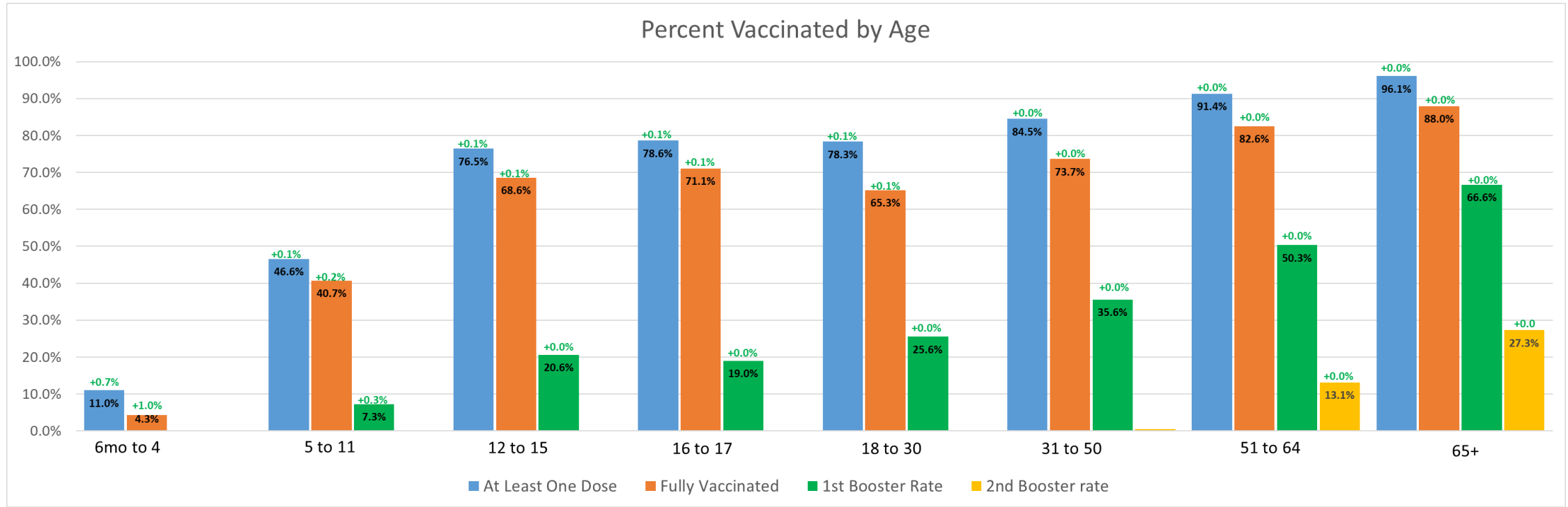
- There have been 360,555 Bivalent Covid-19 Vaccine Doses Administered so far
- 89.5% of Doses Administered in September were Bivalent



Federal doses not included in this number

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

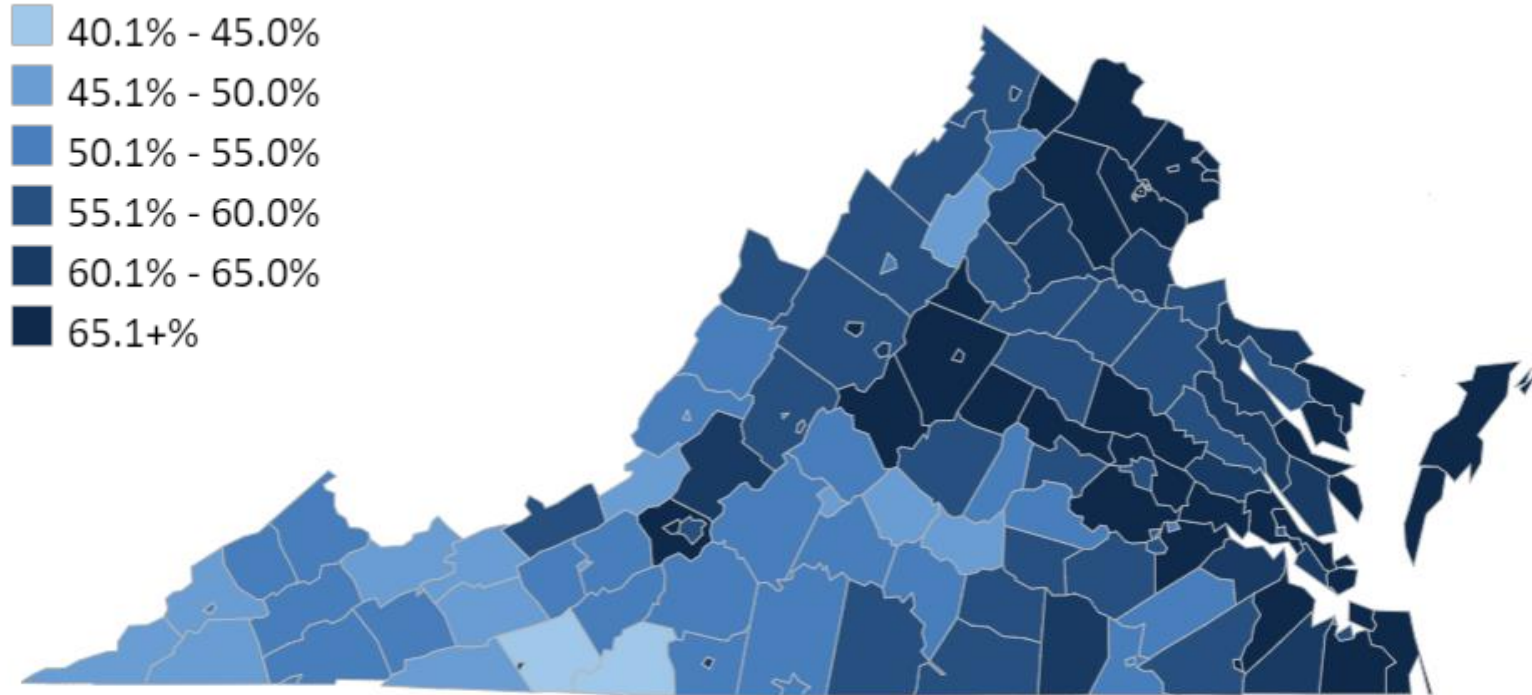




Virginia Vaccination by Age

- ✓ **72.5% (+0.1%)** of the Total Population is Fully Vaccinated
- ✓ **47.5% (+0.6%)** of Bivalent shots have been among the 65+ Population
- ✓ **35.9% (+0.0%)** of the Eligible Population received a First Booster
- ✓ **34.9% (+0.0%)** 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 19.3% of those eligible have a booster
- ✓ Green percent represents percent increase from two weeks prior

Percent of the Total Population Fully Vaccinated by Locality



Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.2%	0.1%
Eastern	60.3%	0.1%
Northern	75.7%	0.1%
Northwest	61.9%	0.0%
Southwest	54.4%	0.0%

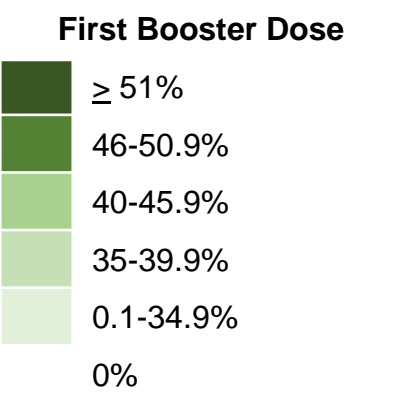
- 14 out of 133 Localities have a fully vaccinated rate below 50%
- 20 out of 133 Localities have a fully vaccinated rate above 70%
- There is a disparity across Urban and Rural areas by Age Groups, with Rural Adolescents the Lowest Vaccinated group

2013 SRHP Isserman Classification

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	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Urban	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Mixed Rural	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Rural	0.2%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%
Grand Total	0.2%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%

Federal doses not included in this number

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



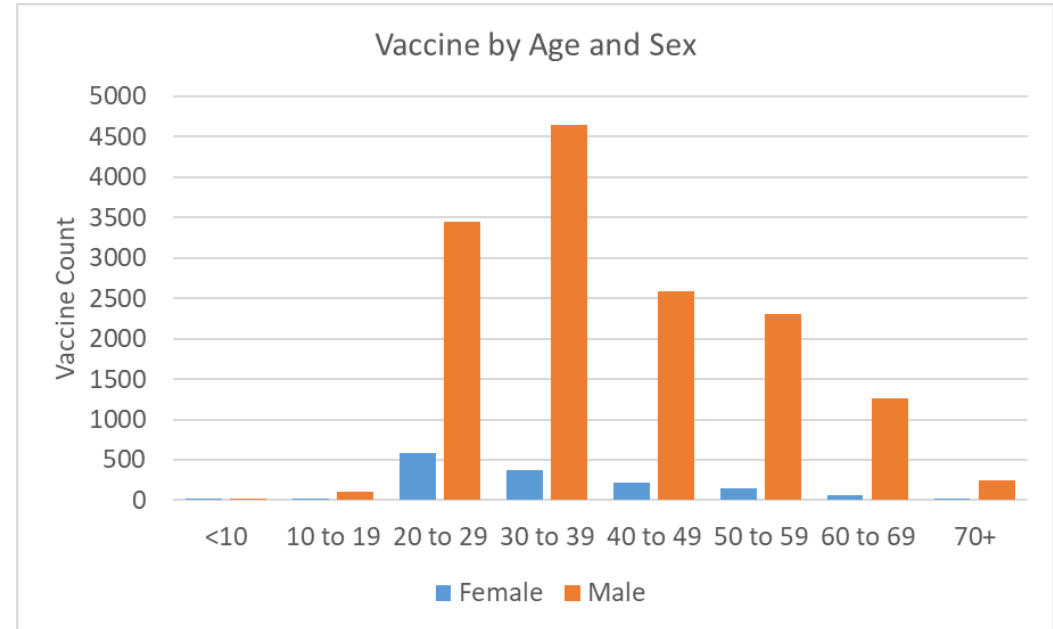
	One Dose*	Fully Vax*	First Booster**
Nationwide	79.5%	67.9%	48.6%
D.C.	95.0%	80.6%	44.4%
Kentucky	67.7%	58.6%	46.4%
Maryland	89.4%	77.8%	54.5%
North Carolina	88.2%	64.2%	28.9%
Tennessee	63.6%	55.6%	46.4%
Virginia**	88.3%	75.0%	51.2%
West Virginia	66.5%	58.9%	47.8%

*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	First Dose %	Fully Vax %	0-4 First Dose %	5-11 First Dose %
Kentucky	#38	#37	#35	#40
Maryland	#10	#8	#5	#5
North Carolina	#12	#25	#25	#24
Tennessee	#45	#45	#40	#46
Virginia	#11	#10	#10	#7
West Virginia	#42	#36	#45	#45

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

- 91.0% of Vaccines Administered have been to Males, with the largest concentration in 30-39
- 65.0% of Vaccines Administered have been from providers in the Northern Region as other Regions are increasing
- The White Population accounts for 57.0% of Vaccinations by Race where data is available



Region	Vaccine Count	% of total
Central	2,575	16.0%
Eastern	1,964	12.2%
Northern	10,443	65.0%
Northwest	625	3.9%
Southwest	466	2.9%
Grand Total	16,075	

