
Virginia Respiratory Disease and Mpox Data Update

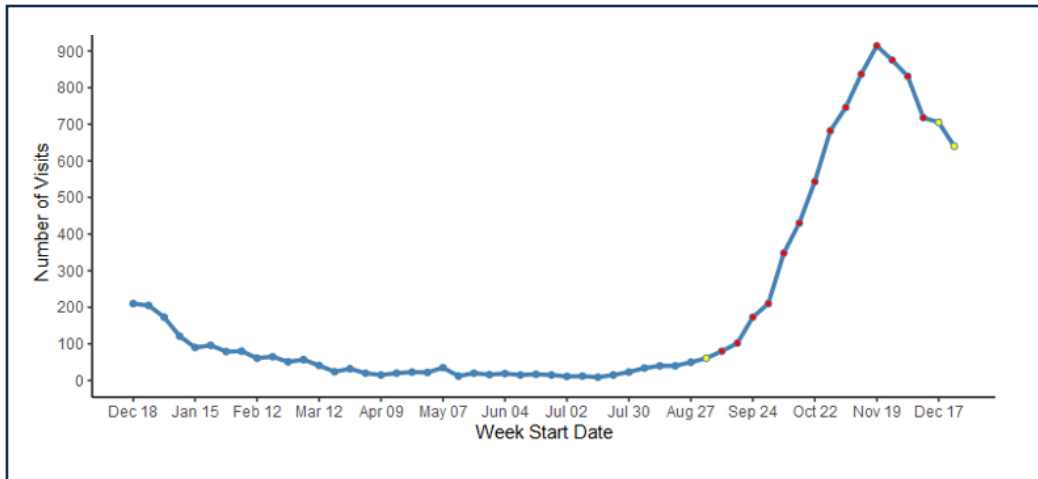
January 4, 2024



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

12/17– 12/23 (MMWR Week 51)	12/18– 12/30 (MMWR Week 52)
705 visits	640 (-9%)
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases). Percent change is from week prior.	

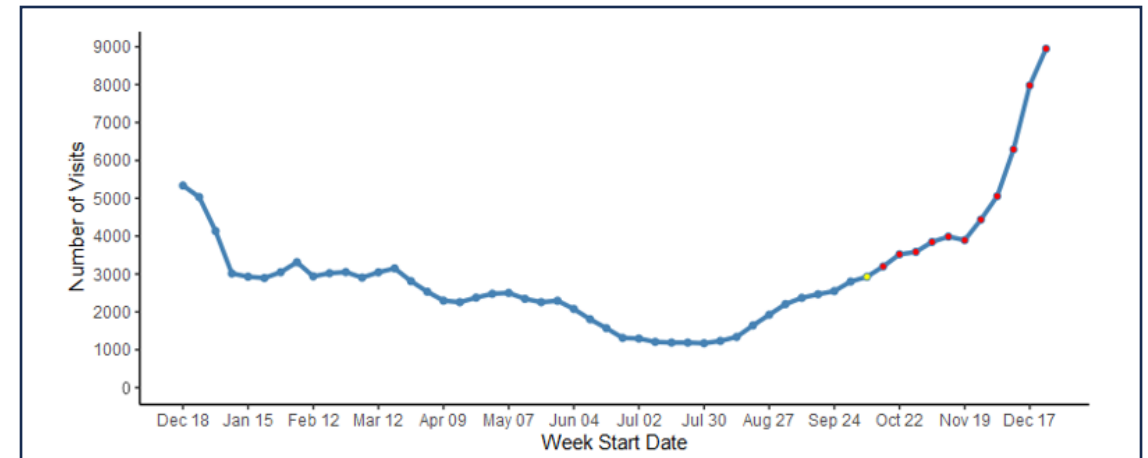
**Weekly ED and Urgent Care Visits with Diagnosed RSV
12/18/22 – 12/30/23**



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

12/17– 12/23 (MMWR Week 51)	12/18– 12/30 (MMWR Week 52)
7,978 visits	8,949 (+12%)
* 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
12/18/22 – 12/30/23**



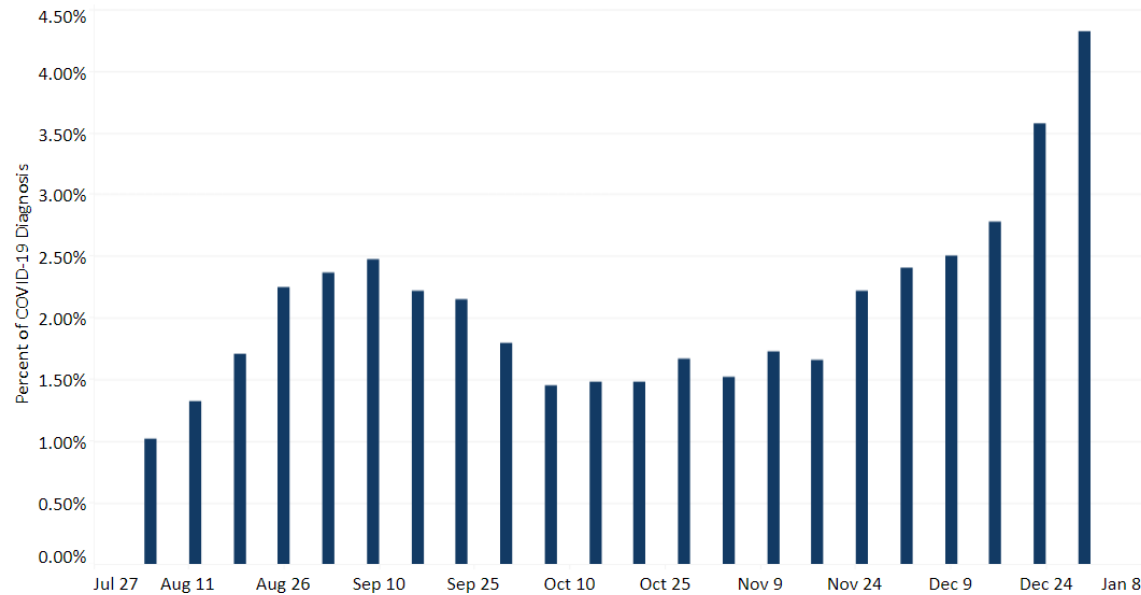
Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

Virginia Data: Week ending December 30, MMWR week 52:

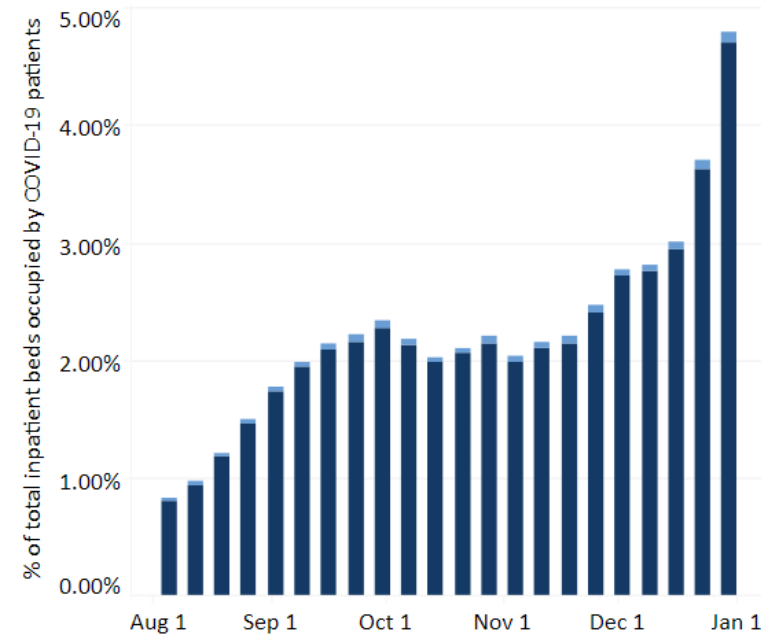
- **4.32%** of ED visits were for diagnosed COVID-19 (21 % increase from previous week)
- **4.79%** of inpatient beds in use for COVID-19 (29% increase from previous week)

% Beds Occupied by Patients with COVID-19 is **Moderate**

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



COVID-19 Hospital Beds in Use for COVID-19 Virginia, July 2023 – December 2023



■ Pediatric
■ Adult

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

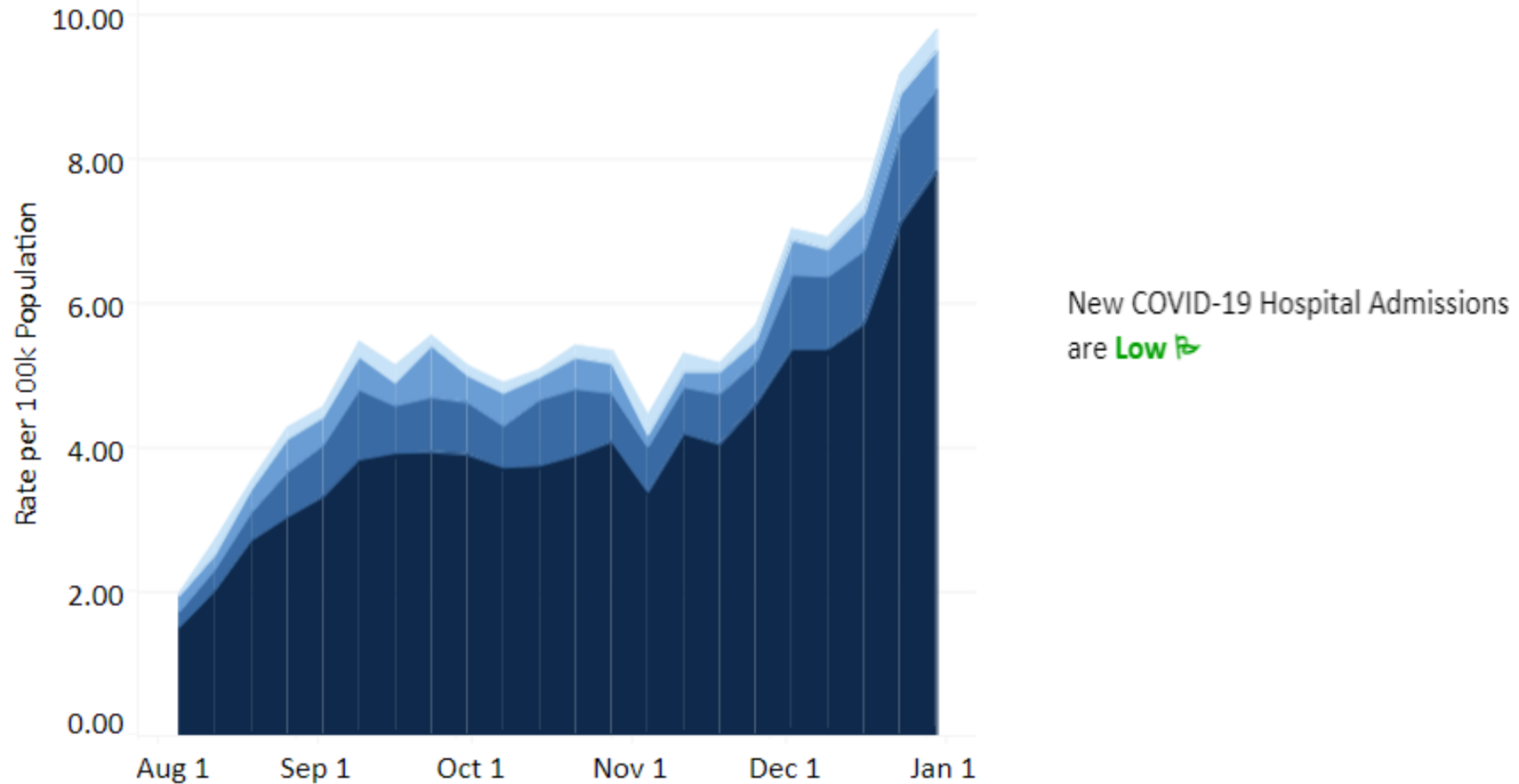
*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)

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 December 30, 2023:

- **9.8** Hospital Admissions per 100,000 population
 • **Increased 7%** from previous week



COVID-19 Wastewater Surveillance

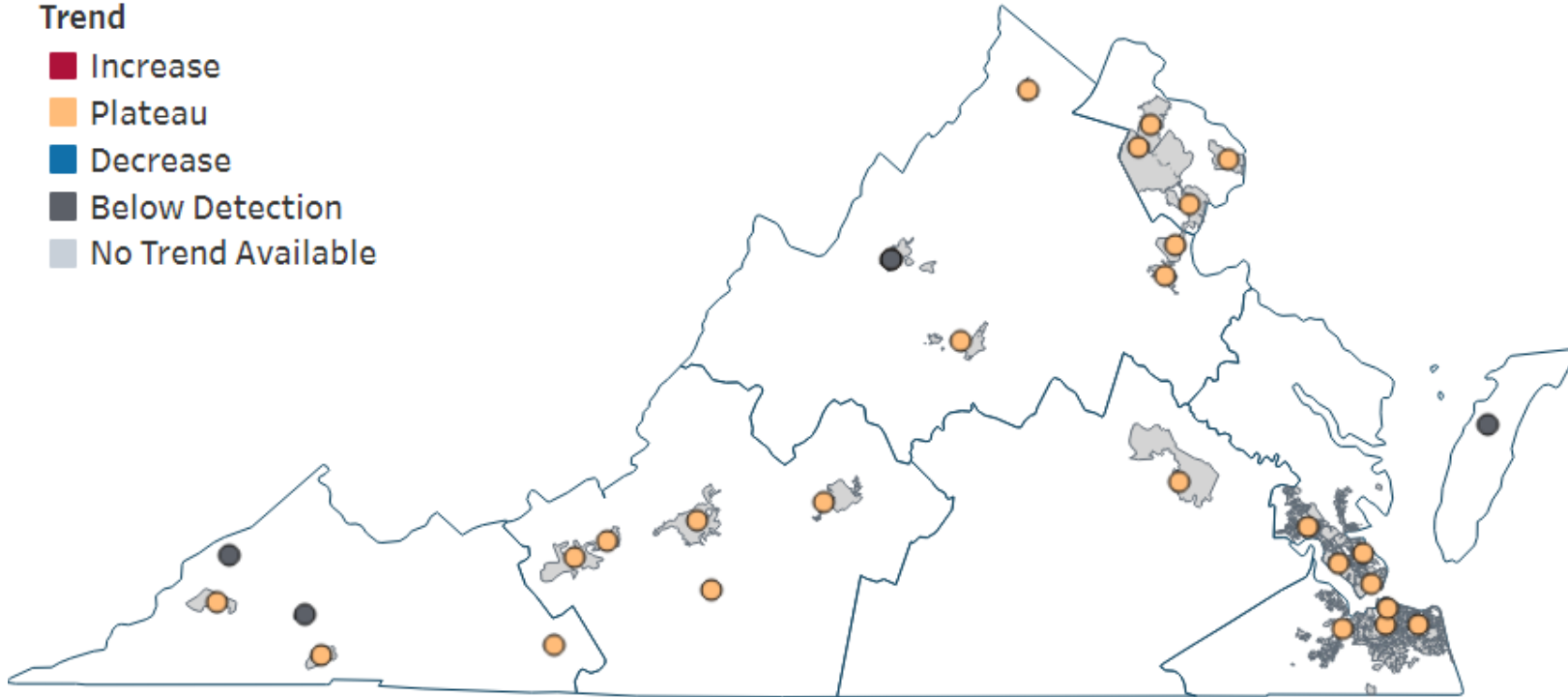
- Week ending December 30:

Start of Sample Collection Week

December 17, 2023

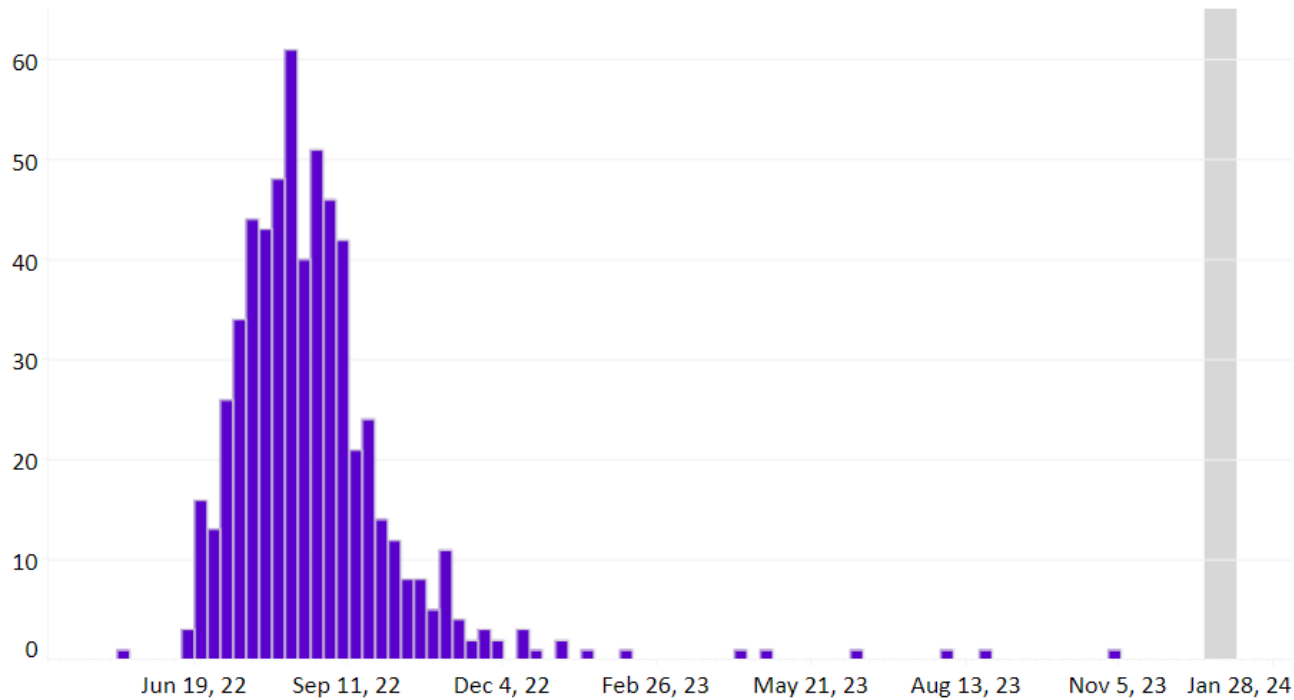
Trend

- Increase
- Plateau
- Decrease
- Below Detection
- No Trend Available



- 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

Epi Curve of Mpox Cases (5/2022 – 12/2023)



<https://www.vdh.virginia.gov/monkeypox/data-in-virginia/>

Mpox Cases By Age and Sex (as of 12/2023)

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 (39.4%)
40-49 Years	85 (14.8%)
50-59 Years	34 (5.9%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.3%)
Sex	
Female	32 (5.6%)
Male	544 (94.4%)

Total Cases	576
Hospitalizations	31
Deaths	2

*Data represent investigations with notifications submitted in VEDSS.