RSV/Influenza/COVID/Mpx Updates



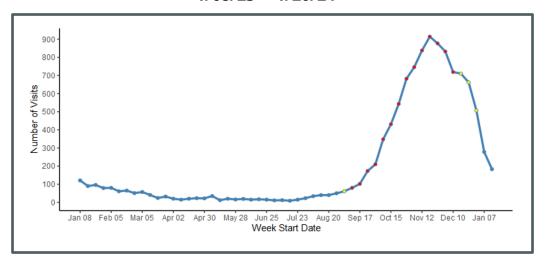


*Diagnosed Respiratory Syncytial Virus (RSV)		
1/07– 1/13 (MMWR Week 2)	1/14– 1/20 (MMWR Week 3)	
278 visits	183 (-34%)	

^{*} 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 1/08/23 - 1/20/24

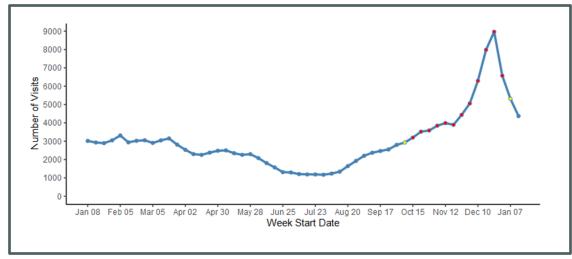


*Influenza-Like Illness (Excluding Diagnosed COVID-19) **ED and Urgent Care Visits** 1/07-1/13 1/14- 1/20 (MMWR Week 2) (MMWR Week 3) 5.311 visits 4,368 (-18%) * ILI - ED and urgent care visits with a chief complaint of 'flu' or fever +

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 01/08/23 - 1/20/24



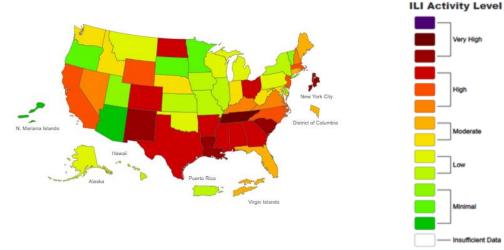


Virginia: Respiratory Disease Situation Summary

National View

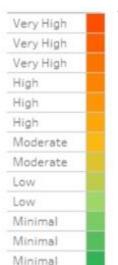
For Week ending January 20:

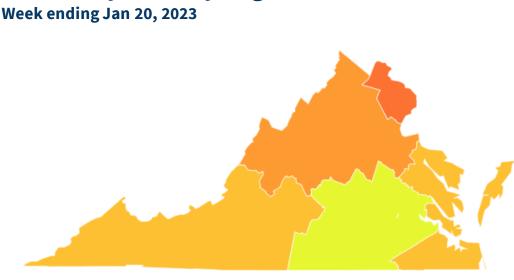
- Seasonal influenza activity is elevated and continues to increase in most parts of the country.
 - Cumulative hospitalization rate is 43.3 per 100k
 - Key flu indicators have decreased or remained stable nationally for three weeks. CDC will continue to monitor for a second period of increased influenza activity that often occurs after the winter holidays.



Source: CDC Fluview (10/21)

ILI Activity Level by Region





Virginia View

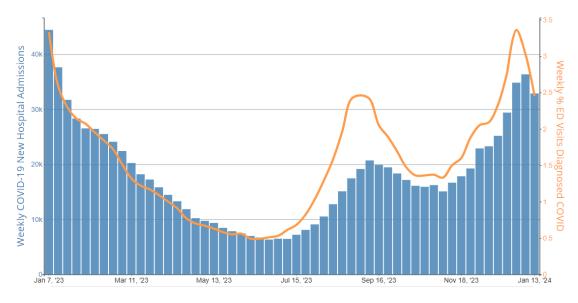
- For the week ending January 20, 2024; Virginia has high ILI activity
 - 1 region is at a low ILI activity level, 2 regions are at moderate ILI activity levels and 2 regions are at high ILI activity levels
 - VA investigated 50 influenza outbreaks during the 2023-2024 season
 - VA reported 2 influenza associated pediatric death for the 2023-2024 season
- VDH is sharing information with key stakeholders and the public:
 - External flu dashboard updated every Thursday
 - Respiratory Disease Report posted externally and shared every Friday (email) flu@vdh.virginia.gov to request the report.



National View – Week Ending January 13, 2023:

- New hospital admissions of patients with confirmed COVID-19 decreased 10% to 4,694 previous week 7-day average
- 2.5% of ED visits were with Diagnosed COVID-19

Weekly COVID-19 New Hospital Admissions and % ED visits with Diagnosed COVID-19 in the United States Reported to CDC (2023)



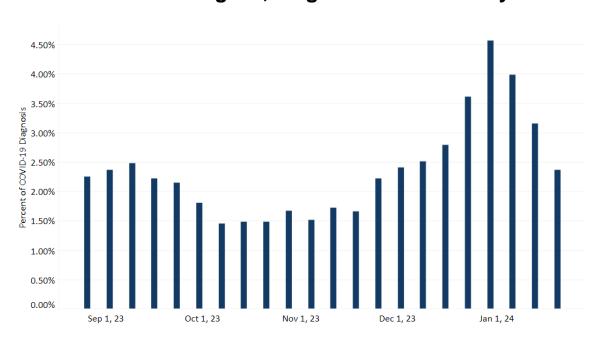


Virginia Data: Week ending January 20, MMWR week 3:

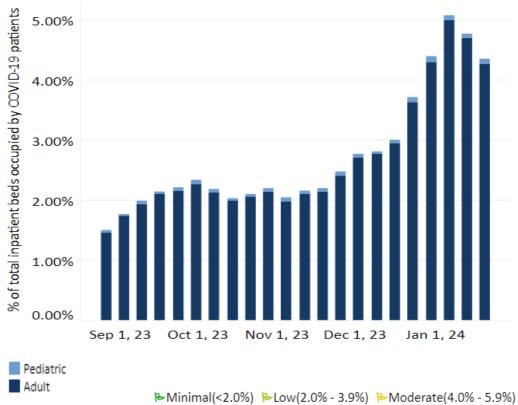
- 2.36% of ED visits were for diagnosed COVID-19 (25% decrease from previous week)
- 4.26% of inpatient beds in use for COVID-19 (9% decrease from previous week)

% Beds Occupied by Patients with COVID-19 is Moderate №

Weekly Percent of Emergency Department Visits for Diagnosed COVID-19 in Virginia, August 2023 – January 2024



COVID-19 Hospital Beds in Use for COVID-19 Virginia, August 2023 – January 2024



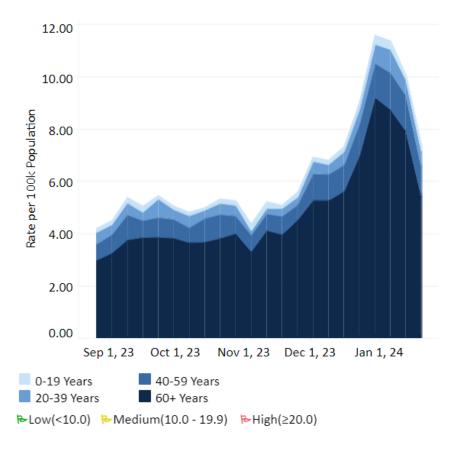
^{*}Source: CDC COVID Data Tracker, VDH COVID-19 Dashboard

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



Virginia's COVID-19 Hospital Admissions for the week ending January 20, 2024:

- 7.37 Hospital Admissions per 100,000 population
 - Decreased 27% from previous week

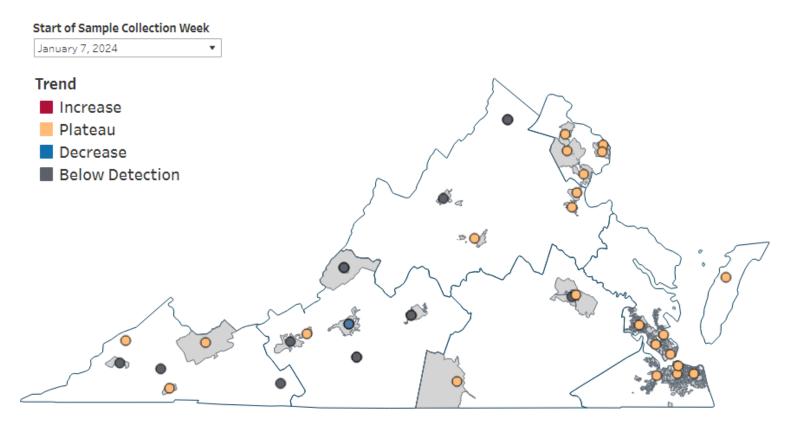


New COVID-19 Hospital Admissions are **Low** №



COVID-19 Wastewater Surveillance

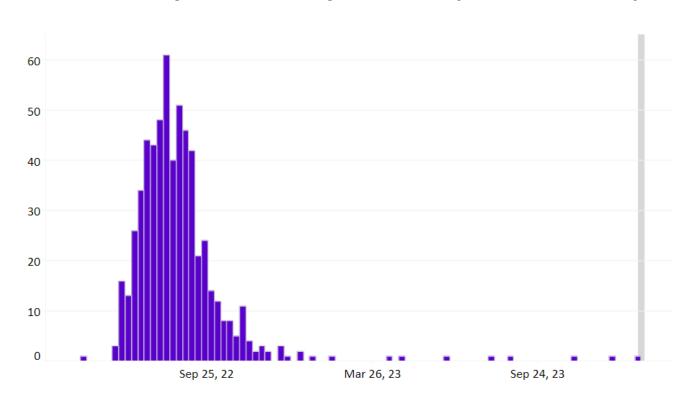
Week ending January 13:



- 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 – 1/2024)



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

Total Cases	578
Hospitalizations	31
Deaths	2

Mpox Cases By Age and Sex (as of 1/2024)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.4%)
20-29 Years	208 (36.0%)
30-39 Years	231 (40.0%)
40-49 Years	85 (14.7%)
50-59 Years	33 (5.7%)
60-69 Years	4(0.7%)
70+ Years	2 (0.3%)
Sex	
Female	32 (5.5%)
Male	546 (94.5%)

^{*}Data represent investigations with notifications submitted in VEDSS.

