

RSV/Influenza/COVID/Mpox Updates

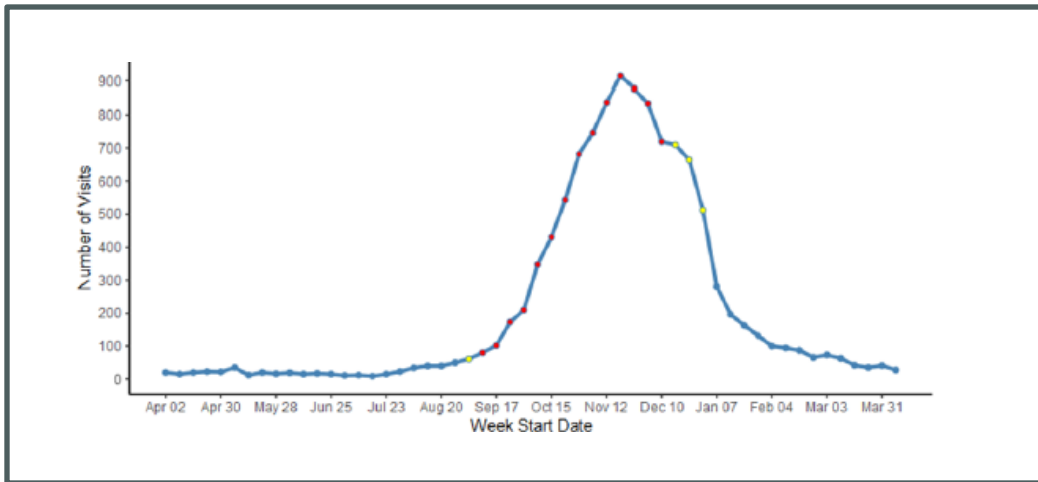
***Diagnosed Respiratory Syncytial Virus (RSV)**

03/31– 04/06 (MMWR Week 14)	04/07– 04/13 (MMWR Week 15)
41 visits	28 visits
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases). Percent change is from week prior.	

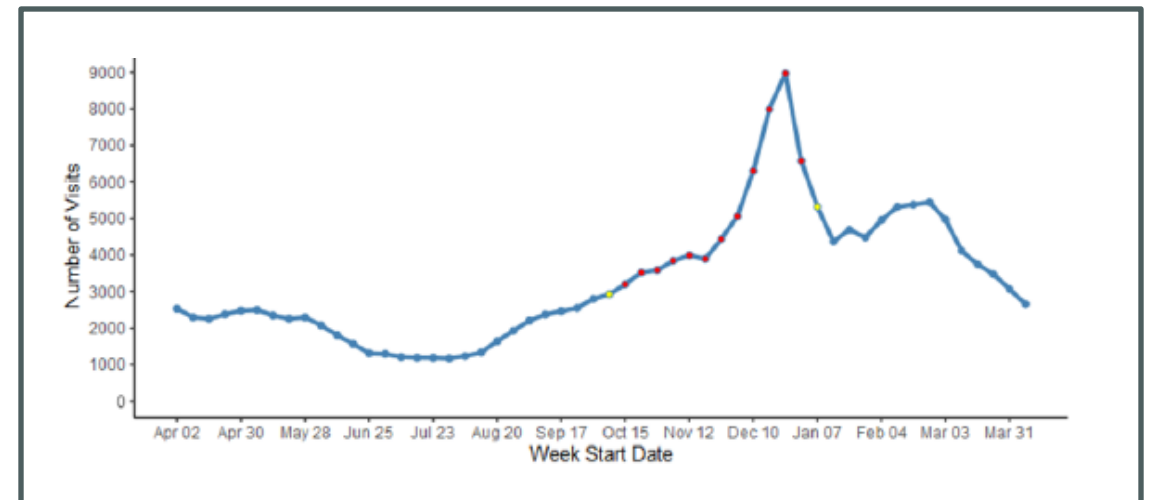
***Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits**

03/31– 04/06 (MMWR Week 14)	04/07– 04/13 (MMWR Week 15)
3,068 visits	2,657 visits (-13%)
* 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 with Diagnosed RSV
04/03/23 – 04/13/24**



**Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19
4/3/23 – 04/13/24**



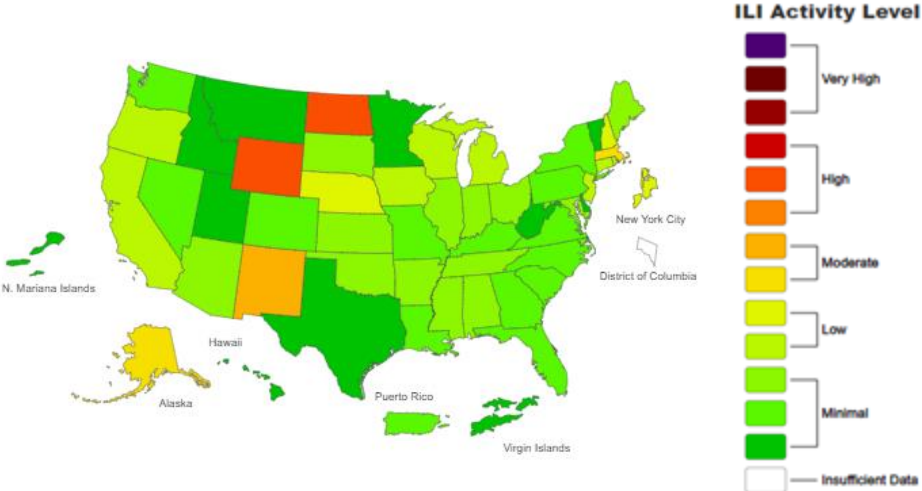
Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

Virginia: Respiratory Disease Situation Summary

National View

For Week ending April 13:

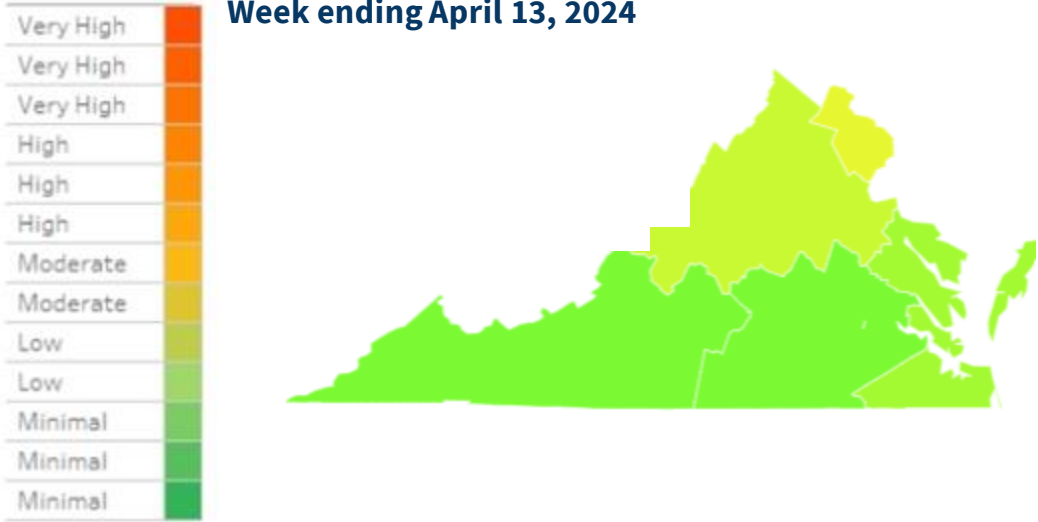
- Seasonal influenza activity is elevated and continues to increase in most parts of the country.
 - Cumulative hospitalization rate is 77.5 per 100k
 - Seasonal influenza activity continues to decline nationally and in most areas of the country.



Source: [CDC Fluview \(10/21\)](#)

ILI Activity Level by Region

Week ending April 13, 2024



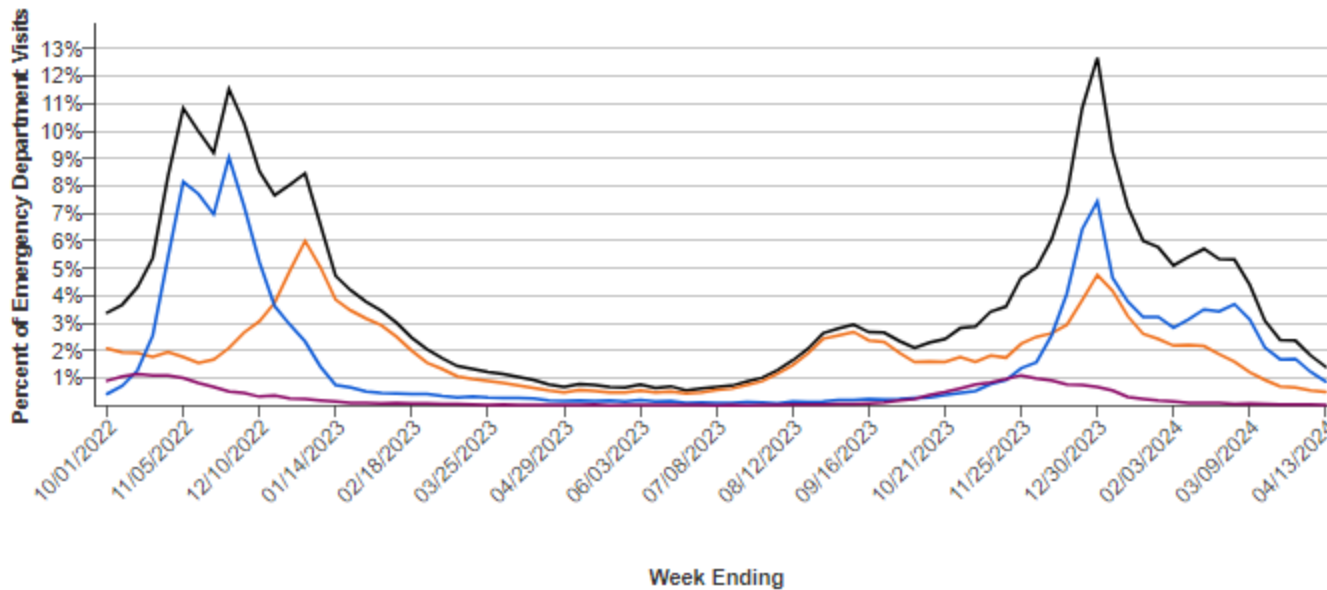
Virginia View

- For the week ending April 13, 2024; Virginia has **minimal** ILI activity
 - 2 regions are at low ILI activity level, and 2 region are at minimal ILI activity levels.
 - VA investigated 119 influenza outbreaks during the 2023-2024 season
 - VA reported 3 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.

Source: [VDH Weekly Influenza Activity Report](#), [Weekly U.S. Influenza Surveillance Report](#)

ED Visits for Viral Respiratory Illness, VA

Emergency Department Visits for Viral Respiratory Illness, Virginia



Week Ending: 04/13/2024

Combined: 1.4%
 COVID-19: 0.5%
 Influenza: 0.9%
 RSV: 0.0%

Select a virus to add or remove it from the graphic

- Combined
- COVID-19
- Influenza
- RSV

Data presented through: 04/13/2024; Data as of: 04/17/2024

Source: [CDC Respiratory Virus Levels](#)

Virginia Data: Week ending April 13, MMWR week 15:

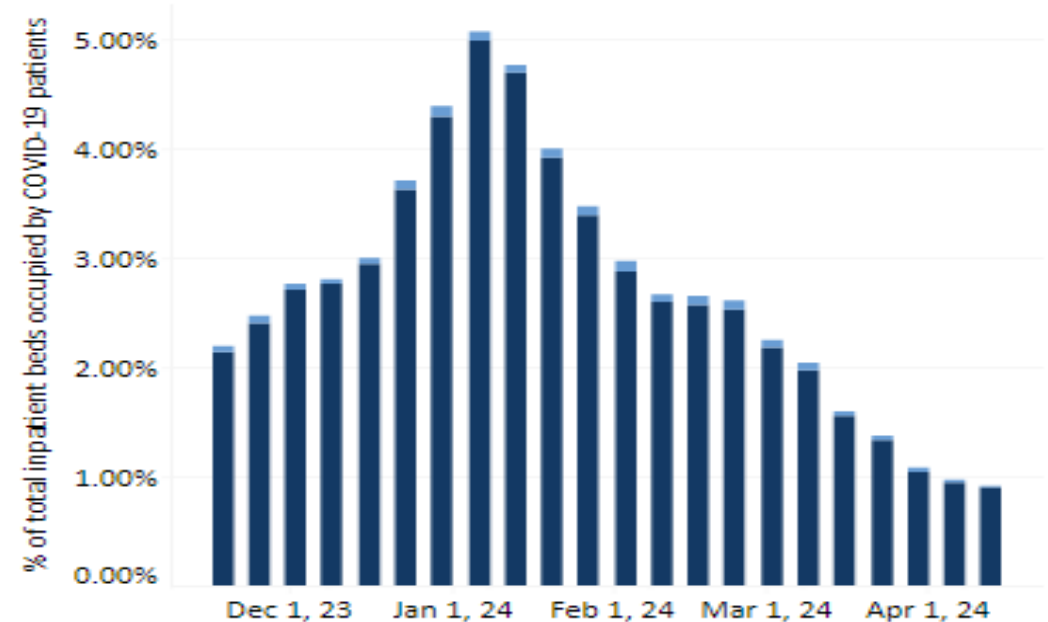
- .46% of ED visits were for diagnosed COVID-19 (**16.4% decrease** from previous week)
- .91% of inpatient beds in use for COVID-19 (**5.2% decrease** from previous week)
- 3.26 Hospital Admissions per 100,000 population (**9% decrease** from previous week)

% Beds Occupied by Patients with COVID-19 is **Minimal** ↗

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



COVID-19 Hospital Beds in Use for COVID-19 Virginia, November 2023 – March 2024



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

Pediatric Adult

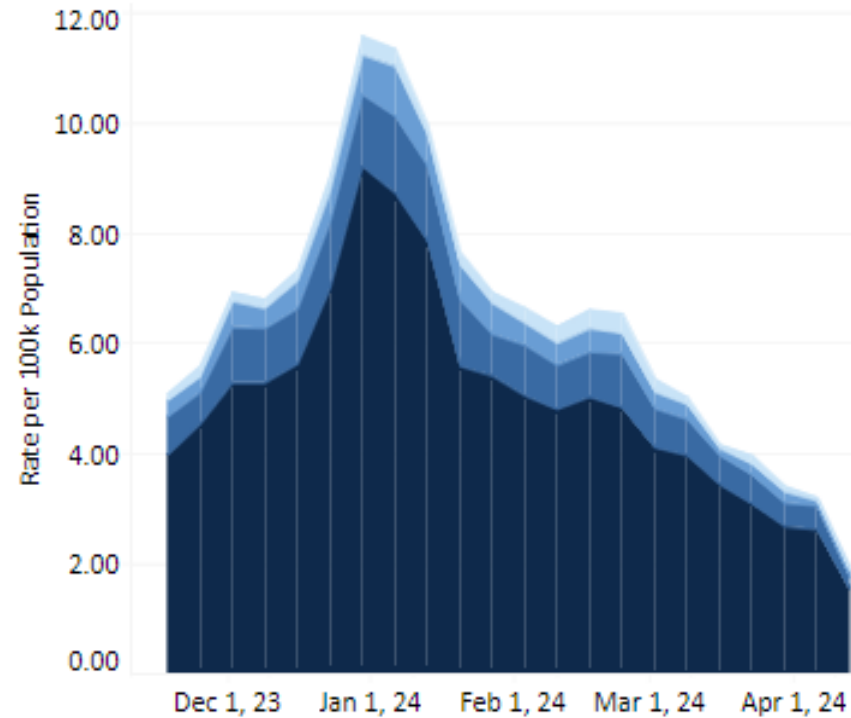
*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)

VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.

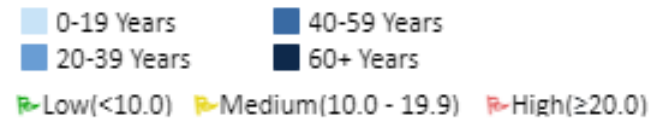
*Data comparisons: Wednesday-Wednesday

Virginia's COVID-19 Hospital Admissions for the week ending April 13, 2024:

- **3.26** Hospital Admissions per 100,000 population (**decreased 9%** from previous week)



New COVID-19 Hospital Admissions are **Low** ↗



COVID-19 Wastewater Surveillance –

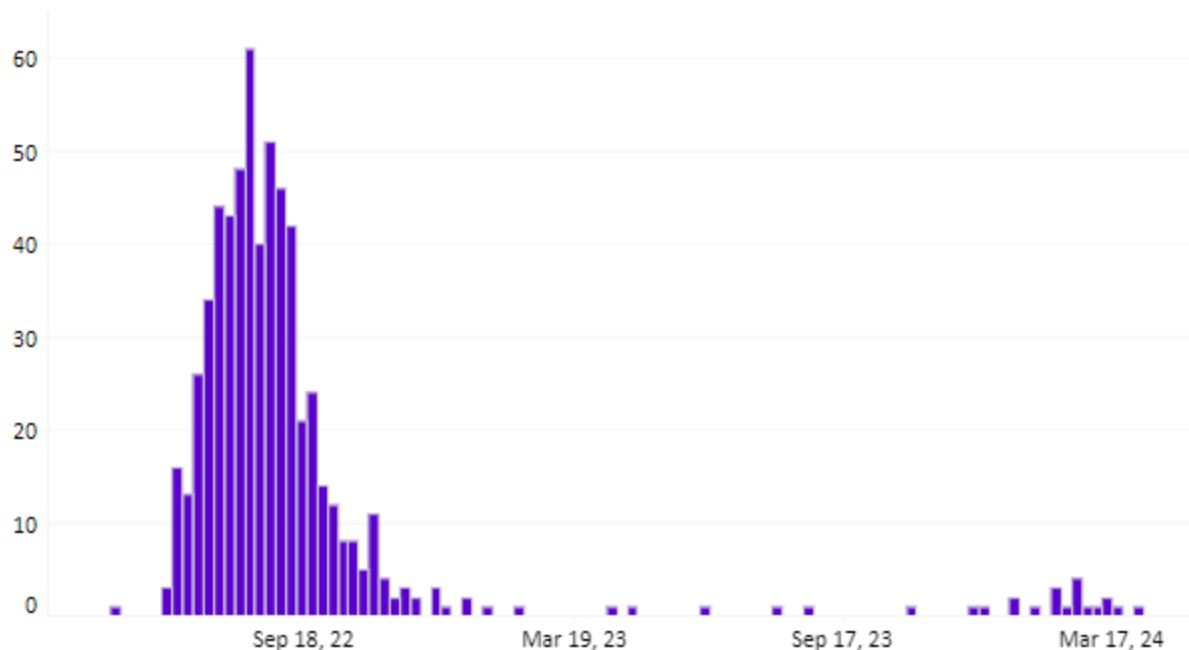
COVID-19 Wastewater Surveillance



- 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](#)

Mpox Cases in Virginia, Epi Curve (5/2022 – 4/2024)



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

Total Cases	595
Hospitalizations	35
Deaths	2

Mpox Cases By Age and Sex (as of 4/16/2024)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	16 (2.7%)
20-29 Years	212 (35.7%)
30-39 Years	238 (39.9%)
40-49 Years	89 (15.0%)
50-59 Years	33 (5.6%)
60-69 Years	4 (0.7%)
70+ Years	2 (0.3%)
Sex	
Female	33 (5.6%)
Male	562 (94.4%)

*Data represent investigations with notifications submitted in VEDSS.