

WEEKLY RESPIRATORY VIRUS SURVEILLANCE REPORT DESCRIPTION

INFLUENZA-LIKE ILLNESS (ILI)	Patients who present to their clinician with a fever $\geq 100^{\circ}$ F and either a cough or sore throat.
INFLUENZA-LIKE ILLNESS ACTIVITY (ILI)	Using baseline (expected values data used for comparison) and threshold (upper limit) ILI percentages in each of the public health regions in Wisconsin , ILI below baseline is considered low activity , ILI between baseline and threshold levels is considered moderate activity and above threshold is considered high activity . ¹
INFLUENZA-ASSOCIATED HOSPITALIZATIONS	Patients hospitalized for >24 hours with laboratory-identified (by rapid antigen or rt-PCR tests) influenza. ²
INFLUENZA-ASSOCIATED PEDIATRIC MORTALITY	Deaths among children <18 years old, with influenza as the cause or associated cause of death. This is a state and nationally reportable condition. ²
PREDOMINANT RESPIRATORY VIRUSES	This data is compiled from over 40 virus laboratories in Wisconsin that perform rt-PCR testing, and identifies the viruses that have the highest percentage of positive tests. ³
RAPID ANTIGEN TEST	Identification of an influenza or RSV antigen in a clinical specimen. Data resulting from these tests is used to identify regional trends of the activity of these viruses.
REVERSE TRANSCRIPTION POLYMERASE CHAIN REACTION (rt-PCR)	A molecular laboratory method used to detect nucleic acid (DNA/RNA) in viruses, including influenza and RSV.

ADDITIONAL RESOURCES (national and regional trends, surveillance reports, and clinical features)

- The CDC Influenza Homepage: <https://www.cdc.gov/flu/>
- The National Enteric and Respiratory Virus Surveillance System (NREVSS): <https://www.cdc.gov/surveillance/nrevss/index.html>

DATA SOURCES:

- Centers for Disease Control and Prevention (CDC), Outpatient Influenza-like Illness Surveillance Network (ILINet)
- Wisconsin Electronic Disease Surveillance System (WEDSS)
- Wisconsin Laboratory Information Network

