



Respiratory Illnesses

[Respiratory Illnesses Home](#)

Respiratory Virus Activity Levels

Provides an update on how COVID-19, influenza, and RSV may be spreading nationally and in your state.

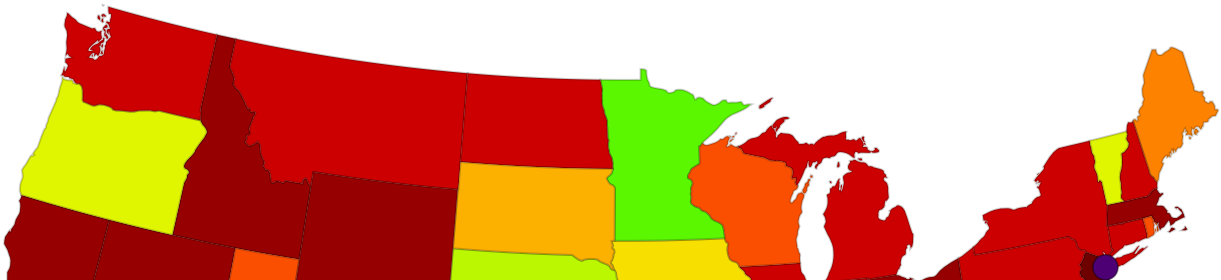
Activity Levels Update:

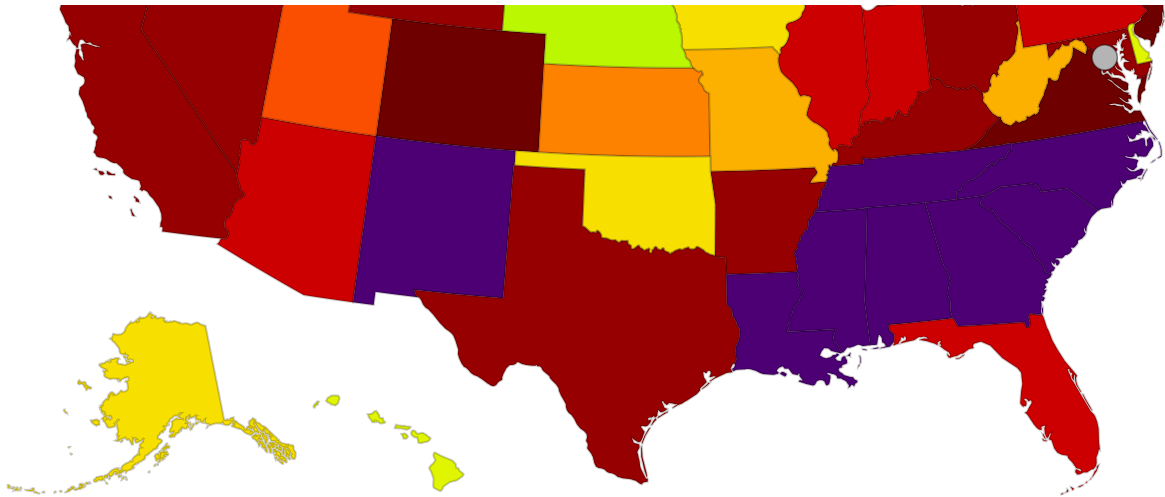
- The amount of respiratory illness (fever plus cough or sore throat) causing people to seek healthcare is elevated or increasing across most areas of the country. This week, 39 jurisdictions experienced high or very high activity.
- Nationally, emergency department visits due to influenza and COVID-19 are elevated in all age groups and increasing in all but school-aged children. Recent, holiday-related school closures and associated changes in healthcare seeking behavior may be impacting trends in influenza- and COVID-19-related visits among school-aged children. RSV-related emergency department visits decreased slightly nationally.
- Nationally, COVID-19 [wastewater viral activity levels](#) and test percent positivity—indicators for infection levels—are higher than the same time last year (currently estimated as being 27% higher and 17% higher, respectively). However, indicators for illness requiring medical attention are lower, including emergency department rates being 21% lower than the same time last year.

Reported on Friday, January 5th, 2024.

Level of Respiratory Illness Activity

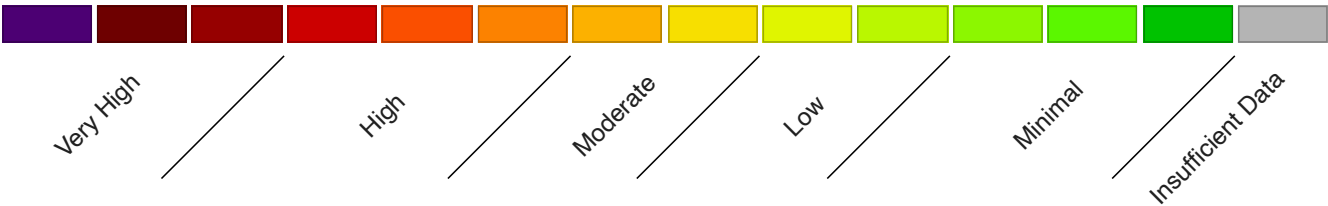
Activity levels determined weekly based on the percentage of visits to enrolled outpatient healthcare providers or emergency departments for fever and cough or sore throat reported to [ILINet](#). Visits can be attributed to a variety of respiratory pathogens that cause these symptoms. Activity levels reflect how the percentage in the most recent week compares to what that jurisdiction typically experiences during low circulation periods. Trend information for the percentages used to calculate activity levels can be found at: [National, Regional, and State Level Outpatient Illness and Viral Surveillance \(cdc.gov\)](#).





Territories PR VI

Respiratory Illness Activity Level



Data presented through: 12/30/2023; Data as of: 01/04/2024

[Dataset on data.cdc.gov](#) | [Link to Dataset](#)

Data Table		
Location	Respiratory Illness Level	Respiratory Illness Level
Alabama	Level 13	Very High
Alaska	Level 6	Moderate
Arizona	Level 10	High
Arkansas	Level 11	Very High
California	Level 11	Very High
Colorado	Level 12	Very High
Connecticut	Level 10	High
Delaware	Level 5	Low
District Of Columbia	Level 0	Insufficient Data
Florida	Level 10	High

● Georgia	Level 13	Very High
● Hawaii	Level 5	Low
● Idaho	Level 11	Very High
● Illinois	Level 10	High
● Indiana	Level 10	High
● Iowa	Level 6	Moderate
● Kansas	Level 8	High
● Kentucky	Level 11	Very High
● Louisiana	Level 13	Very High
● Maine	Level 8	High
● Maryland	Level 11	Very High
● Massachusetts	Level 11	Very High
● Michigan	Level 10	High
● Minnesota	Level 2	Minimal
● Mississippi	Level 13	Very High
● Missouri	Level 7	Moderate
● Montana	Level 10	High
● Nebraska	Level 4	Low
● Nevada	Level 11	Very High
● New Hampshire	Level 10	High
● New Jersey	Level 12	Very High
● New Mexico	Level 13	Very High
● New York	Level 10	High
● New York City	Level 13	Very High
● North Carolina	Level 13	Very High
● North Dakota	Level 10	High
● Ohio	Level 11	Very High
● Oklahoma	Level 6	Moderate
● Oregon	Level 5	Low
● Pennsylvania	Level 10	High
● Puerto Rico	Level 5	Low
● Rhode Island	Level 9	High
● South Carolina	Level 13	Very High
● South Dakota	Level 7	Moderate
● Tennessee	Level 13	Very High
● Texas	Level 11	Very High

● U.S. Virgin Islands	Level 0	Insufficient Data
● Utah	Level 9	High
● Vermont	Level 5	Low
● Virginia	Level 12	Very High
● Washington	Level 10	High
● West Virginia	Level 7	Moderate
● Wisconsin	Level 9	High
● Wyoming	Level 11	Very High

Data table showing data for the United States Map figure.

Data Notes: Level of Respiratory Illness Activity



- **Source:** U.S. Outpatient Influenza-Like Illness Surveillance Network (ILINet).
- Additional information available at: [Outpatient Illness Surveillance methods section](#).
- This system monitors visits for respiratory illness that includes fever plus a cough or sore throat, (also referred to as influenza-like illness, or ILI), not laboratory confirmed infections; therefore, patient visits due to a variety of respiratory pathogens that cause similar symptoms may be captured.
- The activity levels compare the mean reported percent of visits due to ILI during the current week to the mean reported percent of visits due to ILI during non-influenza weeks. The 13 activity levels correspond to the number of standard deviations below, at, or above the mean for the current week compared with the mean during non-influenza weeks.
- This map uses the proportion of visits to enrolled outpatient healthcare providers or emergency departments for respiratory illness to measure the activity level within a state. It does not, however, measure the extent of geographic spread of respiratory illness within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.
- Data collected in ILINet may disproportionately represent certain populations within a state depending on enrolled providers, and therefore may not accurately depict the full picture of respiratory virus activity for the whole state.
- The data presented in this map is preliminary and may change as more data is received.
- Differences in the data presented by CDC and state health departments likely represent differing levels of data completeness with data presented by the state likely being the more complete.

Emergency Department Visits for Viral Respiratory Illness

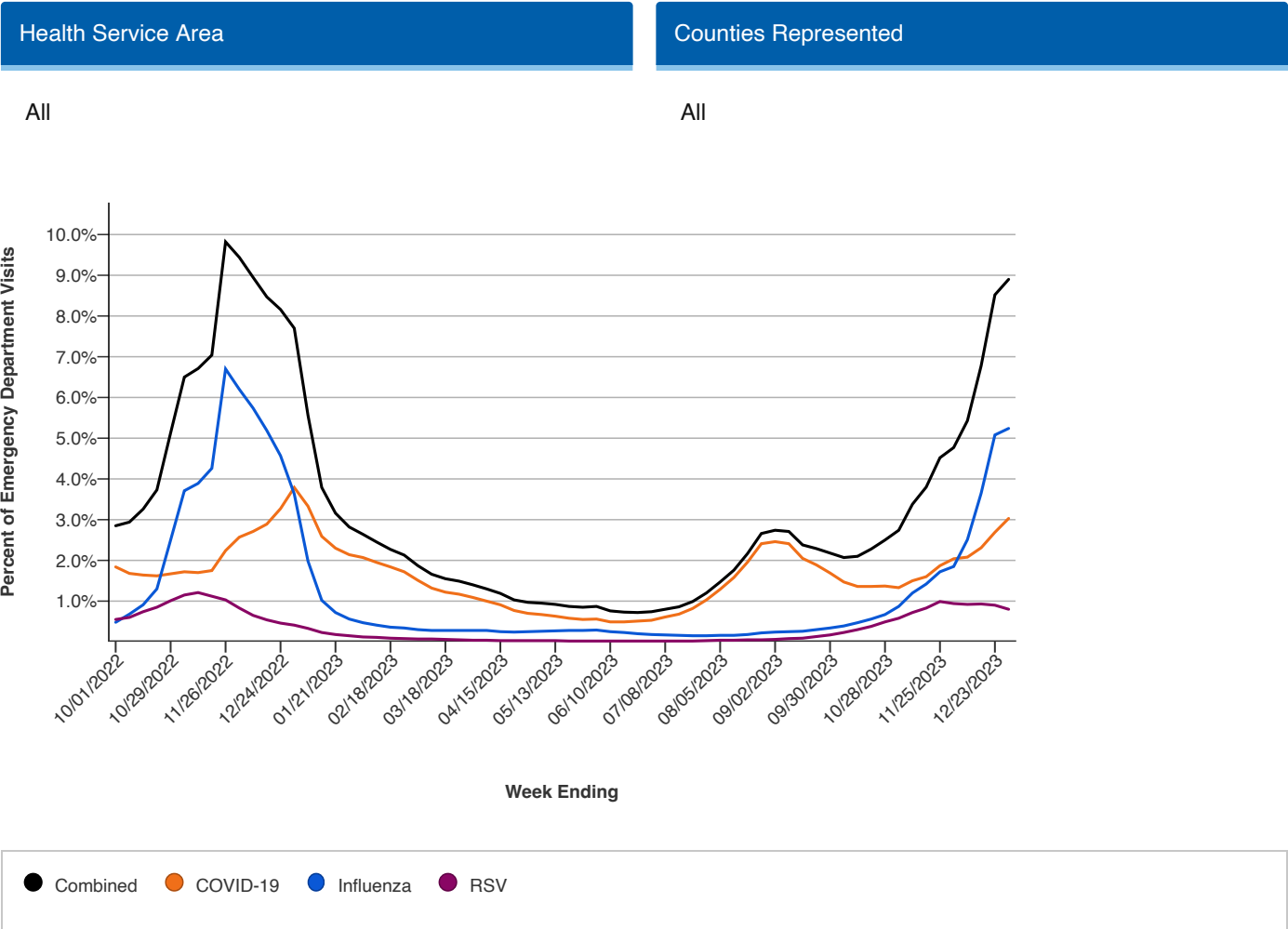
Weekly percent of total emergency department visits associated with COVID-19, influenza, and RSV.

State

United States

County

All



Data presented through: 12/30/2023; Data as of: 01/03/2024

[Dataset on data.cdc.gov](#) | [Link to Dataset](#)

Data Table				
Week Ending	Combined	COVID-19	Influenza	RSV
10/01/2022	2.9%	1.8%	0.5%	0.6%
10/08/2022	2.9%	1.7%	0.7%	0.6%
10/15/2022	3.3%	1.6%	0.9%	0.7%
10/22/2022	3.7%	1.6%	1.3%	0.9%
10/29/2022	5.1%	1.7%	2.5%	1.0%
11/05/2022	6.5%	1.7%	3.7%	1.2%
11/12/2022	6.7%	1.7%	3.9%	1.2%
11/19/2022	7.0%	1.8%	4.3%	1.1%
11/26/2022	9.8%	2.2%	6.7%	1.0%
12/03/2022	9.4%	2.6%	6.2%	0.8%
12/10/2022	9.0%	2.7%	5.7%	0.7%
12/17/2022	8.5%	2.9%	5.2%	0.5%
12/24/2022	8.2%	3.3%	4.6%	0.5%
12/31/2022	7.7%	3.8%	3.6%	0.4%
01/07/2023	5.6%	3.3%	2.0%	0.3%
01/14/2023	3.8%	2.6%	1.0%	0.2%
01/21/2023	3.2%	2.3%	0.7%	0.2%
01/28/2023	2.8%	2.1%	0.6%	0.2%
02/04/2023	2.6%	2.1%	0.5%	0.1%
02/11/2023	2.5%	2.0%	0.4%	0.1%
02/18/2023	2.3%	1.8%	0.4%	0.1%
02/25/2023	2.1%	1.7%	0.3%	0.1%
03/04/2023	1.9%	1.5%	0.3%	0.1%
03/11/2023	1.7%	1.3%	0.3%	0.1%
03/18/2023	1.6%	1.2%	0.3%	0.1%
03/25/2023	1.5%	1.2%	0.3%	0.1%
04/01/2023	1.4%	1.1%	0.3%	0.0%
04/08/2023	1.3%	1.0%	0.3%	0.0%
04/15/2023	1.2%	0.9%	0.3%	0.0%
04/22/2023	1.0%	0.8%	0.2%	0.0%
04/29/2023	1.0%	0.7%	0.3%	0.0%
05/06/2023	1.0%	0.7%	0.3%	0.0%
05/13/2023	0.9%	0.6%	0.3%	0.0%
05/20/2023	0.9%	0.6%	0.3%	0.0%
05/27/2023	0.9%	0.6%	0.3%	0.0%
06/03/2023	0.9%	0.6%	0.3%	0.0%
06/10/2023	0.8%	0.5%	0.3%	0.0%
06/17/2023	0.7%	0.5%	0.2%	0.0%

06/24/2023	0.7%	0.5%	0.2%	0.0%
07/01/2023	0.7%	0.5%	0.2%	0.0%
07/08/2023	0.8%	0.6%	0.2%	0.0%
07/15/2023	0.9%	0.7%	0.2%	0.0%
07/22/2023	1.0%	0.8%	0.2%	0.0%
07/29/2023	1.2%	1.0%	0.2%	0.0%
08/05/2023	1.5%	1.3%	0.2%	0.0%
08/12/2023	1.8%	1.6%	0.2%	0.0%
08/19/2023	2.2%	2.0%	0.2%	0.1%
08/26/2023	2.7%	2.4%	0.2%	0.1%
09/02/2023	2.7%	2.5%	0.2%	0.1%
09/09/2023	2.7%	2.4%	0.3%	0.1%
09/16/2023	2.4%	2.1%	0.3%	0.1%
09/23/2023	2.3%	1.9%	0.3%	0.1%
09/30/2023	2.2%	1.7%	0.3%	0.2%
10/07/2023	2.1%	1.5%	0.4%	0.2%
10/14/2023	2.1%	1.4%	0.5%	0.3%
10/21/2023	2.3%	1.4%	0.6%	0.4%
10/28/2023	2.5%	1.4%	0.7%	0.5%
11/04/2023	2.7%	1.3%	0.9%	0.6%
11/11/2023	3.4%	1.5%	1.2%	0.7%
11/18/2023	3.8%	1.6%	1.4%	0.8%
11/25/2023	4.5%	1.9%	1.7%	1.0%
12/02/2023	4.8%	2.0%	1.9%	0.9%
12/09/2023	5.4%	2.1%	2.5%	0.9%
12/16/2023	6.8%	2.3%	3.7%	0.9%
12/23/2023	8.5%	2.7%	5.1%	0.9%
12/30/2023	8.9%	3.0%	5.2%	0.8%

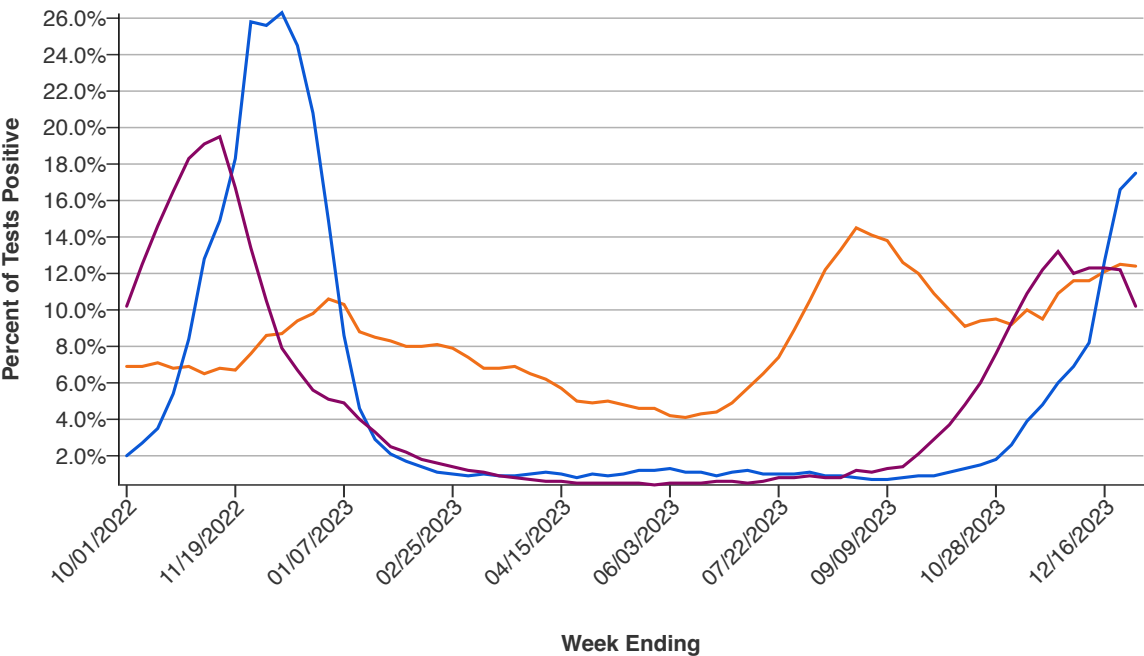
Data Notes: Emergency Department Visits for Viral Respiratory Illness



- **Source:** National Syndromic Surveillance Program: <https://www.cdc.gov/nssp/index.html>
- There are no data available for the following states/territories: Guam, Missouri, New Hampshire, South Dakota, and Washington.
- Combined is the sum of COVID-19, influenza, and respiratory syncytial virus (RSV) emergency department visits.
- Additional information available at: [Companion Guide: NSSP Emergency Department Data on Respiratory Illness](#)

Percent of Tests Positive for Respiratory Viruses

Weekly percent of tests positive for the viruses that cause COVID-19, influenza, and RSV at the national level.



COVID-19 Influenza RSV

Data for recent weeks may be incomplete due to delays in reporting. These preliminary may change as more data become available.

Data presented through: 12/30/2023; Data as of: 01/04/2024

[Dataset on data.cdc.gov](#) | [Link to Dataset](#)

Data Table			
Week Ending	COVID-19	Influenza	RSV
10/01/2022	6.9%	2.0%	10.2%
10/08/2022	6.9%	2.7%	12.5%
10/15/2022	7.1%	3.5%	14.6%
10/22/2022	6.8%	5.4%	16.5%
10/29/2022	6.9%	8.4%	18.3%
11/05/2022	6.5%	12.8%	19.1%
11/12/2022	6.8%	14.9%	19.5%
11/19/2022	6.7%	18.3%	16.7%

11/26/2022	7.6%	25.8%	13.4%
12/03/2022	8.6%	25.6%	10.5%
12/10/2022	8.7%	26.3%	7.9%
12/17/2022	9.4%	24.5%	6.7%
12/24/2022	9.8%	20.8%	5.6%
12/31/2022	10.6%	14.9%	5.1%
01/07/2023	10.3%	8.6%	4.9%
01/14/2023	8.8%	4.6%	4.0%
01/21/2023	8.5%	2.9%	3.3%
01/28/2023	8.3%	2.1%	2.5%
02/04/2023	8.0%	1.7%	2.2%
02/11/2023	8.0%	1.4%	1.8%
02/18/2023	8.1%	1.1%	1.6%
02/25/2023	7.9%	1.0%	1.4%
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03/11/2023	6.8%	1.0%	1.1%
03/18/2023	6.8%	0.9%	0.9%
03/25/2023	6.9%	0.9%	0.8%
04/01/2023	6.5%	1.0%	0.7%
04/08/2023	6.2%	1.1%	0.6%
04/15/2023	5.7%	1.0%	0.6%
04/22/2023	5.0%	0.8%	0.5%
04/29/2023	4.9%	1.0%	0.5%
05/06/2023	5.0%	0.9%	0.5%
05/13/2023	4.8%	1.0%	0.5%
05/20/2023	4.6%	1.2%	0.5%
05/27/2023	4.6%	1.2%	0.4%
06/03/2023	4.2%	1.3%	0.5%
06/10/2023	4.1%	1.1%	0.5%
06/17/2023	4.3%	1.1%	0.5%
06/24/2023	4.4%	0.9%	0.6%
07/01/2023	4.9%	1.1%	0.6%
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09/23/2023	12.0%	0.9%	2.1%
09/30/2023	10.9%	0.9%	2.9%
10/07/2023	10.0%	1.1%	3.7%
10/14/2023	9.1%	1.3%	4.8%
10/21/2023	9.4%	1.5%	6.0%
10/28/2023	9.5%	1.8%	7.6%
11/04/2023	9.2%	2.6%	9.3%
11/11/2023	10.0%	3.9%	10.9%
11/18/2023	9.5%	4.8%	12.2%
11/25/2023	10.9%	6.0%	13.2%
12/02/2023	11.6%	6.9%	12.0%
12/09/2023	11.6%	8.2%	12.3%
12/16/2023	12.1%	12.7%	12.3%
12/23/2023	12.5%	16.6%	12.2%
12/30/2023	12.4%	17.5%	10.2%

Data Notes: Percent of Tests Positive for Viral Respiratory Pathogens



- **Sources:** COVID-19 and RSV: National Respiratory and Enteric Virus Surveillance System (NREVSS), a sentinel network of laboratories located through the US, includes clinical, public health and commercial laboratories; additional information available at: <https://www.cdc.gov/surveillance/nrevss/index.html>. Influenza: Clinical laboratory test results from NREVSS and U.S. World Health Organization collaborating laboratories; more details about influenza virologic surveillance are available here: <https://www.cdc.gov/flu/weekly/overview.htm>.
- COVID-19: The condition caused by infection with severe acute respiratory syndromic coronavirus type-2 (SARS-CoV-2).
- All data are provisional and subject to change.
- The data are from across the country in all regions.
- The percent of tests positive is calculated by dividing the number of positive tests by the total number of tests administered, then multiplying by 100 [(# of positive tests/total tests) x 100].
- Data represent laboratory tests performed, not individual people.
- RSV and COVID-19 are limited to nucleic acid amplification tests (NAATs), also listed as polymerase chain reaction tests (PCR).
- Participating laboratories report weekly to CDC the total number of RSV tests performed that week and the number of those tests that were positive. The RSV trend graphs display the national average of the weekly % test positivity for the current, previous, and following weeks in accordance with the recommendations for assessing RSV trends by percent (<https://academic.oup.com/jid/article/216/3/345/3860464> ).
- COVID-19 laboratory data are available for download here: <https://data.cdc.gov/Laboratory-Surveillance/Percent-Positivity-of-COVID-19-Nucleic-Acid-Amplif/gvsb-yw6g>
- RSV laboratory data are available for download here: <https://data.cdc.gov/Laboratory-Surveillance/Percent-Positivity-of-Respiratory-Syncytial-Virus-/3cxc-4k8q>

Explore deeper data

State Map of Outpatient
Respiratory Illness Activity

Outpatient Illness and Viral
Surveillance

State Map of Emergency
Department Use for COVID-
19

COVID-19 Testing,
Hospitalization, and Death
Trends

Weekly U.S. Influenza
Surveillance Report

RSV Testing Trends in the
U.S.



PREVIOUS

[Weekly Viral Respiratory Illness Snapshot](#)

NEXT

[Severe Viral Respiratory Illness](#)

