Español | Other Languages

![CDC Logo] **Centers for Disease Control and Prevention**
CDC 24/7: Saving Lives, Protecting People™

Respiratory Illnesses

Respiratory Illnesses Home

Severe Viral Respiratory Illness

Provides an update on how respiratory viruses are contributing to serious health outcomes, like hospitalizations and deaths, both nationally and in your state.

Illness Severity Update:

- Rates of COVID-19-, and influenza-related hospitalizations remain elevated but are decreasing in some parts of the country. RSV-related hospitalizations remain elevated but are decreasing in all areas of the country.

- Nationally, the percent of viral respiratory deaths for the week ending February 17 decreased from 3.4% to 3.0%. The percent of COVID-19 deaths decreased from 2.7% to 2.3%, and the percent of influenza and RSV deaths remained stable at 0.7% and 0.1%, respectively.
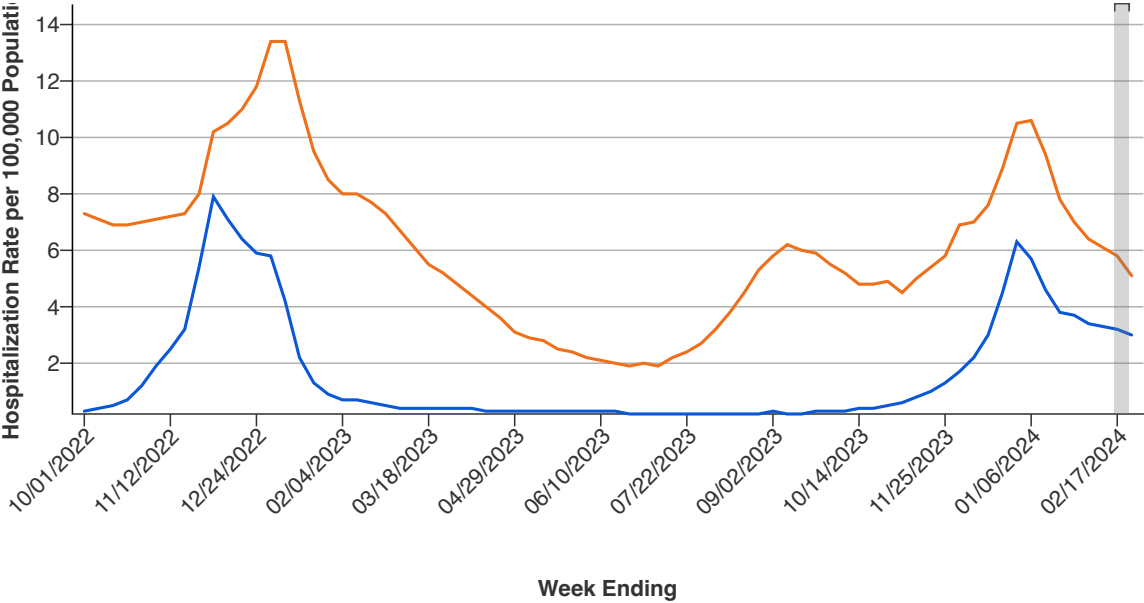
Reported on Friday, March 1st, 2024.

COVID-19 and Influenza Hospitalization Rates

Weekly (7-day total) hospitalization rates reported per 100,000 population. RSV hospitalizations are not included in this dataset (see footnotes). Preliminary data are shaded in gray.

United States ⬍

Week Ending

● COVID-19   ● Influenza

Data presented through: 02/24/2024; Data as of: 02/29/2024

Dataset on data.cdc.gov | Link to Dataset

Data Table		—
Week Ending	COVID-19	Influenza
10/01/2022	7.3	0.3
10/08/2022	7.1	0.4
10/15/2022	6.9	0.5
10/22/2022	6.9	0.7
10/29/2022	7.0	1.2
11/05/2022	7.1	1.9
11/12/2022	7.2	2.5
11/19/2022	7.3	3.2
11/26/2022	8.0	5.4
12/03/2022	10.2	7.9
12/10/2022	10.5	7.1
12/17/2022	11.0	6.4
12/24/2022	11.8	5.9
12/31/2022	13.4	5.8
01/07/2023	13.4	4.2

01/14/2023	11.3	2.2
01/21/2023	9.5	1.3
01/28/2023	8.5	0.9
02/04/2023	8.0	0.7
02/11/2023	8.0	0.7
02/18/2023	7.7	0.6
02/25/2023	7.3	0.5
03/04/2023	6.7	0.4
03/11/2023	6.1	0.4
03/18/2023	5.5	0.4
03/25/2023	5.2	0.4
04/01/2023	4.8	0.4
04/08/2023	4.4	0.4
04/15/2023	4.0	0.3
04/22/2023	3.6	0.3
04/29/2023	3.1	0.3
05/06/2023	2.9	0.3
05/13/2023	2.8	0.3
05/20/2023	2.5	0.3
05/27/2023	2.4	0.3
06/03/2023	2.2	0.3
06/10/2023	2.1	0.3
06/17/2023	2.0	0.3
06/24/2023	1.9	0.2
07/01/2023	2.0	0.2
07/08/2023	1.9	0.2
07/15/2023	2.2	0.2
07/22/2023	2.4	0.2
07/29/2023	2.7	0.2
08/05/2023	3.2	0.2
08/12/2023	3.8	0.2
08/19/2023	4.5	0.2
08/26/2023	5.3	0.2
09/02/2023	5.8	0.3
09/09/2023	6.2	0.2
09/16/2023	6.0	0.2

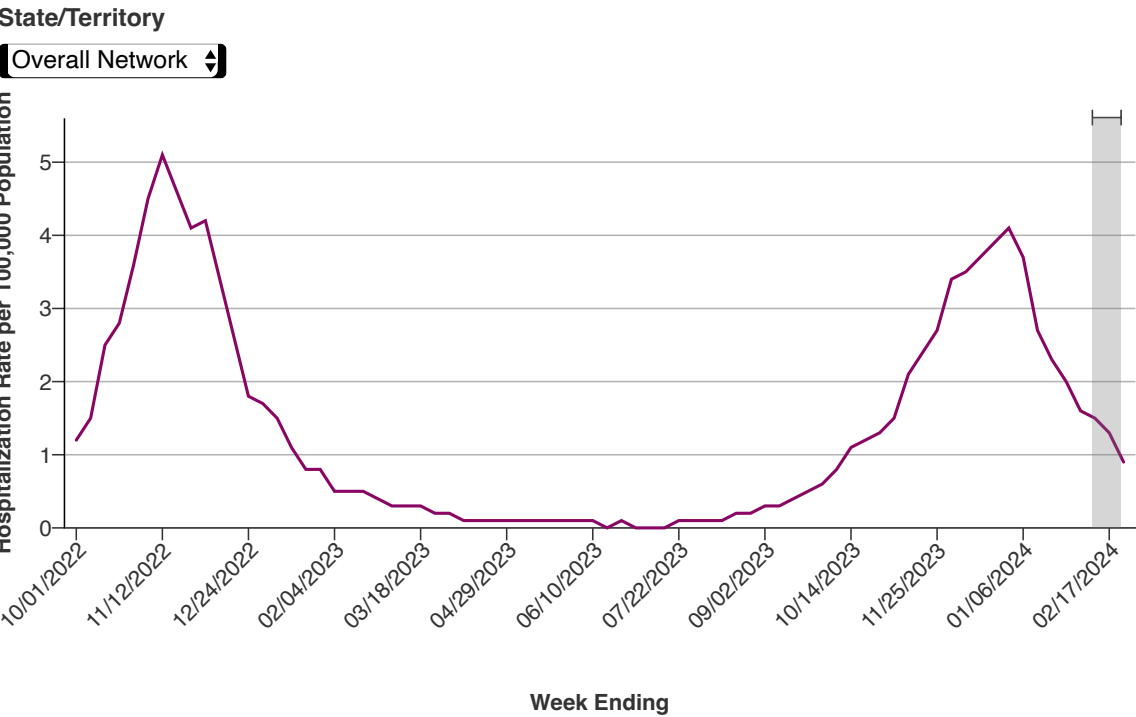|		
09/23/2023	5.9	0.3
09/30/2023	5.5	0.3
10/07/2023	5.2	0.3
10/14/2023	4.8	0.4
10/21/2023	4.8	0.4
10/28/2023	4.9	0.5
11/04/2023	4.5	0.6
11/11/2023	5.0	0.8
11/18/2023	5.4	1.0
11/25/2023	5.8	1.3
12/02/2023	6.9	1.7
12/09/2023	7.0	2.2
12/16/2023	7.6	3.0
12/23/2023	8.9	4.5
12/30/2023	10.5	6.3
01/06/2024	10.6	5.7
01/13/2024	9.4	4.6
01/20/2024	7.8	3.8
01/27/2024	7.0	3.7
02/03/2024	6.4	3.4
02/10/2024	6.1	3.3
02/17/2024	5.8	3.2
02/24/2024	5.1	3.0

Data Notes: COVID-19 and Influenza Hospitalization Rates   ⌃

- **Source:** CDC's National Healthcare Safety Network (NHSN).
- Additional information available at: https://www.cdc.gov/nhsn/covid19/hospital-reporting.html.
- March 1, 2024: Hospitalization data reported to CDC's NHSN through February 24, 2024, may be impacted by a CDC system upgrade that took place between February 23, 2024, and February 27, 2024. Metrics including new hospital admissions for COVID-19 and influenza and hospital occupancy may change over time due to backfilling of additional historical data.

RSV Hospitalization Rates

Weekly hospitalization rates reported per 100,000 population. Based on findings from participating sites in 58 counties in 12 states. Preliminary data are shaded in gray.

State/Territory

[Overall Network ⬍]

Data presented through: 02/24/2024; Data as of: 02/29/2024

Dataset on data.cdc.gov | Link to Dataset

Data Table	—
Week Ending	RSV
10/01/2022	1.2
10/08/2022	1.5
10/15/2022	2.5
10/22/2022	2.8

10/29/2022	3.6
11/05/2022	4.5
11/12/2022	5.1
11/19/2022	4.6
11/26/2022	4.1
12/03/2022	4.2
12/10/2022	3.4
12/17/2022	2.6
12/24/2022	1.8
12/31/2022	1.7
01/07/2023	1.5
01/14/2023	1.1
01/21/2023	0.8
01/28/2023	0.8
02/04/2023	0.5
02/11/2023	0.5
02/18/2023	0.5
02/25/2023	0.4
03/04/2023	0.3
03/11/2023	0.3
03/18/2023	0.3
03/25/2023	0.2
04/01/2023	0.2
04/08/2023	0.1
04/15/2023	0.1
04/22/2023	0.1
04/29/2023	0.1
05/06/2023	0.1
05/13/2023	0.1
05/20/2023	0.1
05/27/2023	0.1
06/03/2023	0.1
06/10/2023	0.1
06/17/2023	0.0
06/24/2023	0.1
07/01/2023	0.0

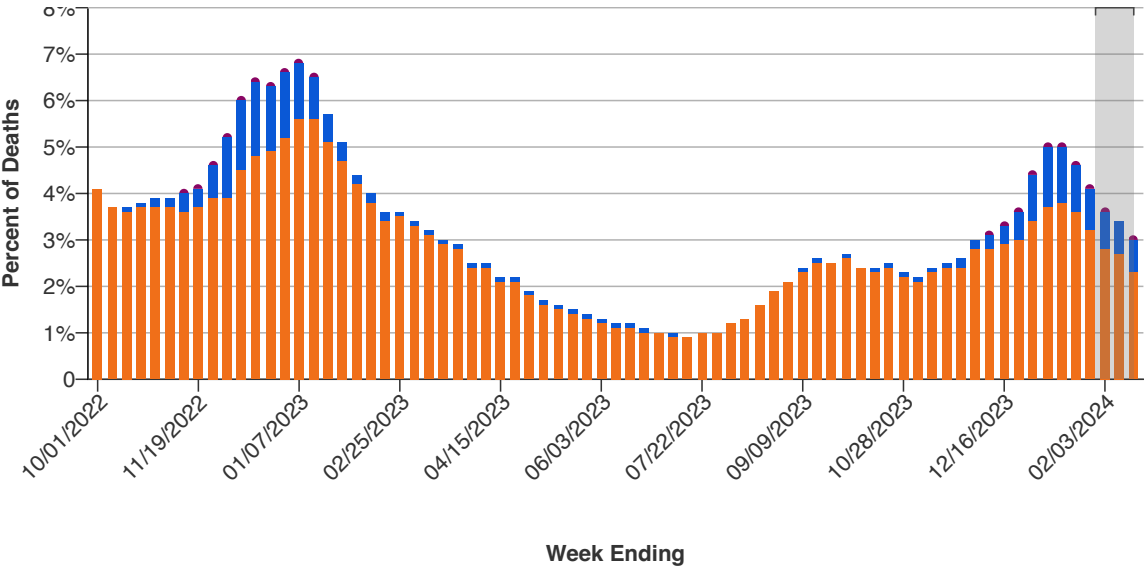| 07/08/2023	0.0
07/15/2023	0.0
07/22/2023	0.1
07/29/2023	0.1
08/05/2023	0.1
08/12/2023	0.1
08/19/2023	0.2
08/26/2023	0.2
09/02/2023	0.3
09/09/2023	0.3
09/16/2023	0.4
09/23/2023	0.5
09/30/2023	0.6
10/07/2023	0.8
10/14/2023	1.1
10/21/2023	1.2
10/28/2023	1.3
11/04/2023	1.5
11/11/2023	2.1
11/18/2023	2.4
11/25/2023	2.7
12/02/2023	3.4
12/09/2023	3.5
12/16/2023	3.7
12/23/2023	3.9
12/30/2023	4.1
01/06/2024	3.7
01/13/2024	2.7
01/20/2024	2.3
01/27/2024	2.0
02/03/2024	1.6
02/10/2024	1.5
02/17/2024	1.3
02/24/2024	0.9

Data Notes: RSV Hospitalization Rates ∧

- **Source:** Respiratory Syncytial Virus (RSV)-Associated Hospitalization Surveillance Network (RSV-NET).

- Additional information available at: https://www.cdc.gov/rsv/research/rsv-net/index.html.

- Data are collected and reported from a network of sites in acute-care hospitals across 58 counties in 12 states; data are provided for the overall combined network and for each state with contributing hospitals.

- Data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. Data for the last four weeks may be affected by potential reporting delays; caution should be taken when interpreting these data.

- Incidence rates of respiratory syncytial virus (RSV)-associated hospitalizations (per 100,000) are calculated using the National Center for Health statistics (NCHS) vintage 2020 bridged-race postcensal population estimates for the counties included in the surveillance area.

- These rates are likely to be underestimated as some respiratory syncytial virus (RSV)-associated hospitalizations might be missed because of undertesting, differing provider or facility testing practices, and diagnostic test sensitivity. Rates presented do not adjust for testing practices which may differ by pathogen, age, race and ethnicity, and other demographic criteria.

- The NCHS bridged-race population estimates used as denominators for race provide data for children ages 0–1 year. To calculate rates of hospitalization among children ages <6 months and 6 months to <12 months, the population estimate for children ages 0–1 year is halved.

Trends in Viral Respiratory Deaths in the United States

Weekly percent of total deaths associated with COVID-19, influenza, and RSV. Preliminary data are shaded in gray.

One or more data points are based on death counts between 1-9 and have been suppressed in accordance with National Center for Health Statistics confidentiality standards.

Data presented through: 02/17/2024; Data as of: 02/27/2024

Dataset on data.cdc.gov | Link to Dataset

Data Table			—
Week Ending	COVID-19	Influenza	RSV
10/01/2022	4.1%	0.0%	
10/08/2022	3.7%	0.0%	
10/15/2022	3.6%	0.1%	0.0%
10/22/2022	3.7%	0.1%	0.0%
10/29/2022	3.7%	0.2%	0.0%
11/05/2022	3.7%	0.2%	0.0%
11/12/2022	3.6%	0.4%	0.1%
11/19/2022	3.7%	0.4%	0.1%
11/26/2022	3.9%	0.7%	0.1%
12/03/2022	3.9%	1.3%	0.1%
12/10/2022	4.5%	1.5%	0.1%
12/17/2022	4.8%	1.6%	0.1%
12/24/2022	4.9%	1.4%	0.1%
12/31/2022	5.2%	1.4%	0.1%

01/07/2023	5.6%	1.2%	0.1%
01/14/2023	5.6%	0.9%	0.1%
01/21/2023	5.1%	0.6%	0.0%
01/28/2023	4.7%	0.4%	0.0%
02/04/2023	4.2%	0.2%	0.0%
02/11/2023	3.8%	0.2%	0.0%
02/18/2023	3.4%	0.2%	
02/25/2023	3.5%	0.1%	
03/04/2023	3.3%	0.1%	
03/11/2023	3.1%	0.1%	0.0%
03/18/2023	2.9%	0.1%	
03/25/2023	2.8%	0.1%	
04/01/2023	2.4%	0.1%	
04/08/2023	2.4%	0.1%	
04/15/2023	2.1%	0.1%	
04/22/2023	2.1%	0.1%	0.0%
04/29/2023	1.8%	0.1%	
05/06/2023	1.6%	0.1%	
05/13/2023	1.5%	0.1%	
05/20/2023	1.4%	0.1%	
05/27/2023	1.3%	0.1%	
06/03/2023	1.2%	0.1%	
06/10/2023	1.1%	0.1%	
06/17/2023	1.1%	0.1%	
06/24/2023	1.0%	0.1%	
07/01/2023	1.0%	0.0%	
07/08/2023	0.9%	0.1%	0.0%
07/15/2023	0.9%	0.0%	0.0%
07/22/2023	1.0%	0.0%	
07/29/2023	1.0%	0.0%	0.0%
08/05/2023	1.2%	0.0%	0.0%
08/12/2023	1.3%	0.0%	
08/19/2023	1.6%	0.0%	
08/26/2023	1.9%	0.0%	0.0%
09/02/2023	2.1%	0.0%	
09/09/2023	2.3%	0.1%	

09/16/2023	2.5%	0.1%	
09/23/2023	2.5%	0.0%	
09/30/2023	2.6%	0.1%	
10/07/2023	2.4%	0.0%	
10/14/2023	2.3%	0.1%	
10/21/2023	2.4%	0.1%	
10/28/2023	2.2%	0.1%	
11/04/2023	2.1%	0.1%	
11/11/2023	2.3%	0.1%	0.0%
11/18/2023	2.4%	0.1%	0.0%
11/25/2023	2.4%	0.2%	0.0%
12/02/2023	2.8%	0.2%	0.0%
12/09/2023	2.8%	0.3%	0.1%
12/16/2023	2.9%	0.4%	0.1%
12/23/2023	3.0%	0.6%	0.1%
12/30/2023	3.4%	1.0%	0.1%
01/06/2024	3.7%	1.3%	0.1%
01/13/2024	3.8%	1.2%	0.1%
01/20/2024	3.6%	1.0%	0.1%
01/27/2024	3.2%	0.9%	0.1%
02/03/2024	2.8%	0.8%	0.1%
02/10/2024	2.7%	0.7%	0.0%
02/17/2024	2.3%	0.7%	0.1%

Data Notes: Viral Respiratory Deaths ⌃

- **Source:** Provisional Deaths from the CDC's National Center for Health Statistics (NCHS) National Vital Statistics System (NVSS). Accessed from https://wonder.cdc.gov/mcd-icd10-provisional.html

- Provisional data are non-final counts of deaths based on the flow of mortality data in NVSS. Data during recent periods are incomplete because of the lag in time between when a death occurs and when a death certificate is completed, submitted to NCHS, and processed for reporting. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction.

- Definitions: Provisional data are non-final counts of deaths based on the flow of mortality data in NVSS. Cause-specific death counts are defined as those deaths with the designated ICD-10 codes listed as an underlying or contributing cause of death on the death certificate. The ICD-10 code definitions are as follows: COVID-19 (U07.1), Influenza (J09-J11), Respiratory Syncytial Virus (J12.1, J20.5, J21.0).

- The death certificate data presented here provide a timely understanding of trends in deaths associated with each condition. However, it has been long recognized that only counting deaths where influenza was recorded on death certificates would underestimate influenza's overall impact on mortality. Influenza can lead to death from other causes, such as pneumonia and congestive heart failure; however, it may not be listed on the death certificate as a contributing cause for multiple reasons, including a lack of testing. Therefore, CDC has an established history of using models to estimate influenza-associated death totals. While under-reporting of deaths attributed to RSV- and COVID-19 likely also occurs, regularly updated model estimates are currently not available. Modeled burden estimates for influenza are not directly comparable to death certificate derived counts for COVID-19 and RSV.

- Death data are displayed by date of death. Death data reported are based on the total number of deaths received and coded as of the date of analysis and may not represent all deaths that occurred in that period.

- Percent of deaths not presented for weeks where death counts are between 1-9 in accordance with NCHS data confidentiality standards.

Explore deeper data

Respiratory Virus Hospitalizations Dashboard	COVID-19 Hospital Admissions by County	COVID-19 Hospital Admissions Dashboard
COVID-19 Mortality Data	Influenza Hospitalizations Dashboards	RSV Hospitalizations Dashboard

PREVIOUS
Respiratory Virus Activity Levels

NEXT
Groups Most Impacted: Emergency Department Visits