



# Respiratory Viruses

## Groups Most Impacted—Deaths

Provides an update on how COVID-19, influenza, and RSV deaths are affecting different groups.

### Groups Most Impacted Update:

- The percentage of all emergency department visits with a discharge diagnosis of COVID is highest among adults 65+ and children under two years; visits due to RSV are highest among children under 4 years; influenza visits are highest among school aged children (5-17 years).
- Rates of COVID-19-associated hospitalizations are elevated for infants and young children and highest among older adults. RSV-associated hospitalization rates are elevated among children under 4 years and are increasing among adults 65+. Rates of influenza-associated hospitalizations continue to increase and adults 65+ have the highest rate. Unadjusted influenza hospitalization rates are highest in non-Hispanic Black persons compared with other racial and ethnic groups.
- Nationally, the percent of deaths due to respiratory viruses (COVID-19, influenza, and RSV combined) is highest among adults 65+, driven by deaths in COVID-19.

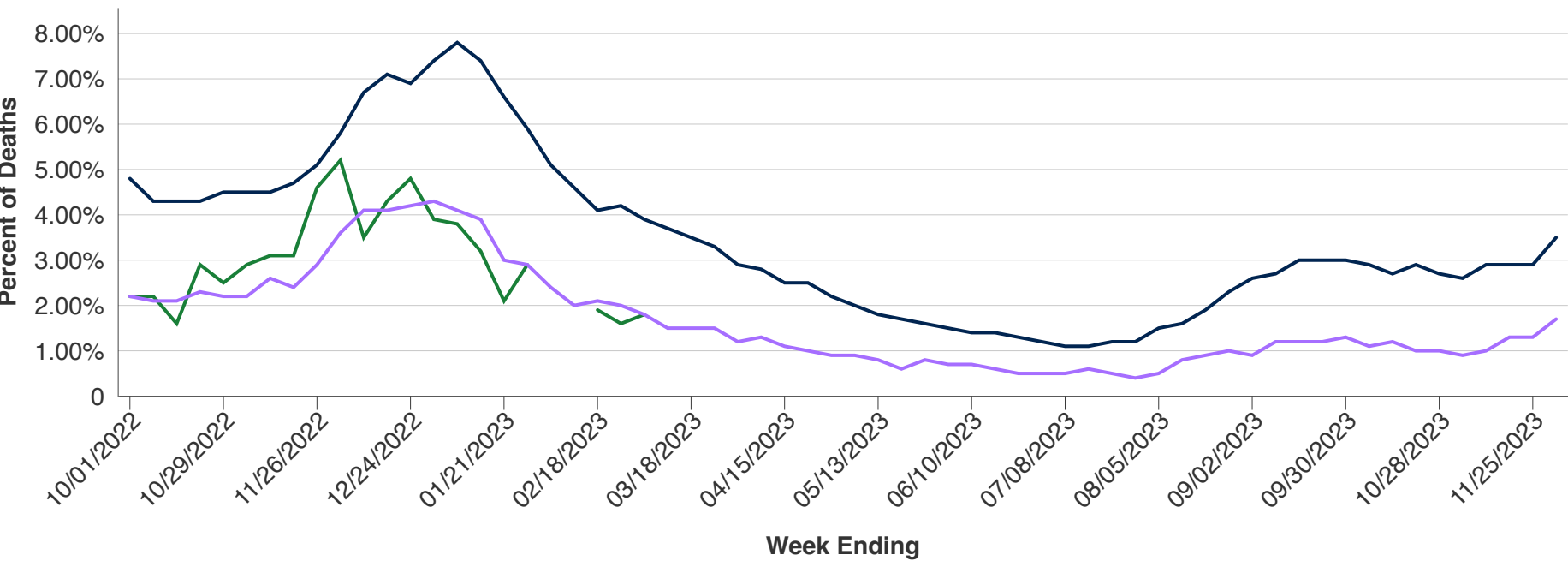
Reported on Friday, December 15th, 2023.

## Trends in Deaths for Viral Respiratory Illness, by Age

Weekly percent of total deaths associated with COVID-19, influenza, and RSV.

### Respiratory Illness

Combined ▾



### Age Groups

● 0-17 years ● 18-64 years ● 65+ years

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: 12/02/2023; Data as of: 12/12/2023

Data Table			
Week Ending	0-17 years	18-64 years	65+ years
10/01/2022	2.20%	2.20%	4.80%
10/08/2022	2.20%	2.10%	4.30%
10/15/2022	1.60%	2.10%	4.30%
10/22/2022	2.90%	2.30%	4.30%
10/29/2022	2.50%	2.20%	4.50%
11/05/2022	2.90%	2.20%	4.50%
11/12/2022	3.10%	2.60%	4.50%
11/19/2022	3.10%	2.40%	4.70%
11/26/2022	4.60%	2.90%	5.10%
12/03/2022	5.20%	3.60%	5.80%
12/10/2022	3.50%	4.10%	6.70%
12/17/2022	4.30%	4.10%	7.10%
12/24/2022	4.80%	4.20%	6.90%
12/31/2022	3.90%	4.30%	7.40%
01/07/2023	3.80%	4.10%	7.80%
01/14/2023	3.20%	3.90%	7.40%
01/21/2023	2.10%	3.00%	6.60%
01/28/2023	2.90%	2.90%	5.90%
02/04/2023		2.40%	5.10%
02/11/2023		2.00%	4.60%
02/18/2023	1.90%	2.10%	4.10%
02/25/2023	1.60%	2.00%	4.20%
03/04/2023	1.80%	1.80%	3.90%
03/11/2023		1.50%	3.70%
03/18/2023	1.40%	1.50%	3.50%
03/25/2023		1.50%	3.30%
04/01/2023		1.20%	2.90%
04/08/2023		1.30%	2.80%
04/15/2023		1.10%	2.50%
04/22/2023		1.00%	2.50%
04/29/2023		0.90%	2.20%
05/06/2023		0.90%	2.00%
05/13/2023		0.80%	1.80%
05/20/2023		0.60%	1.70%
05/27/2023		0.80%	1.60%
06/03/2023		0.70%	1.50%
06/10/2023		0.70%	1.40%
06/17/2023		0.60%	1.40%
06/24/2023		0.50%	1.30%
07/01/2023		0.50%	1.20%
07/08/2023		0.50%	1.10%
07/15/2023		0.60%	1.10%

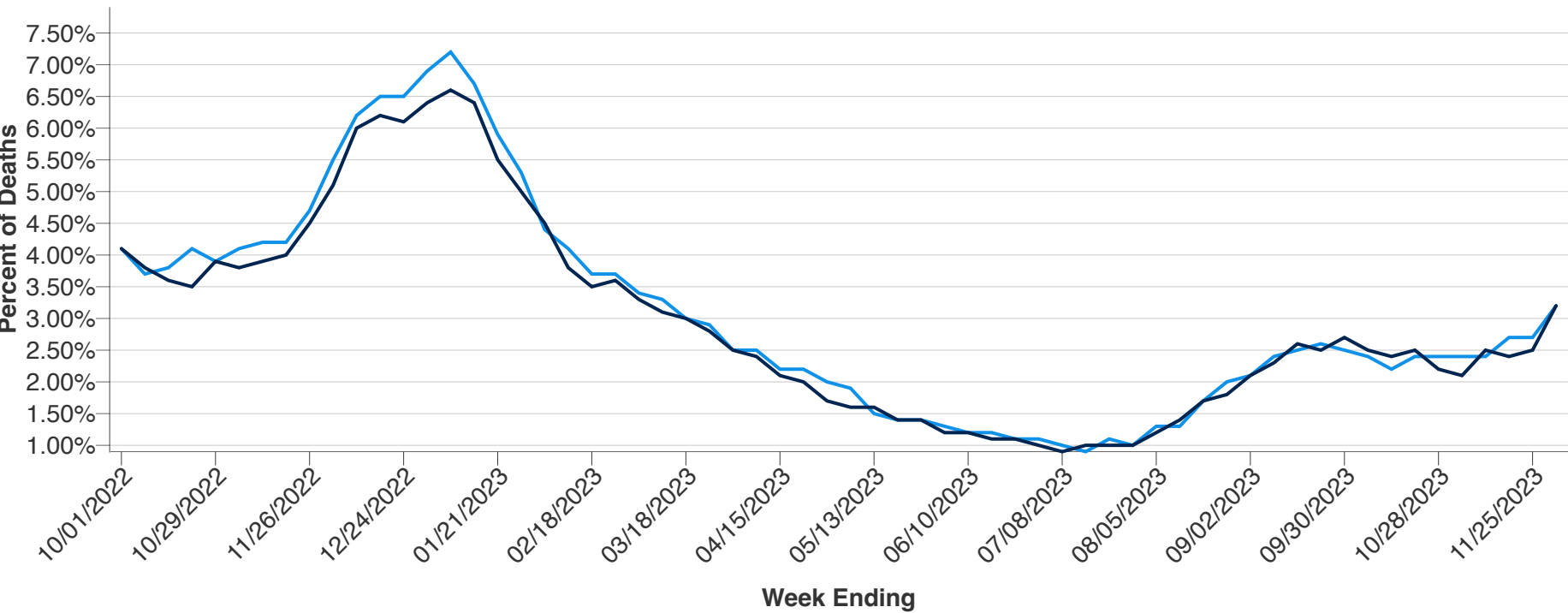
Week Ending	0-17 years	18-64 years	65+ years
07/22/2023		0.50%	1.20%
07/29/2023		0.40%	1.20%
08/05/2023		0.50%	1.50%
08/12/2023		0.80%	1.60%
08/19/2023		0.90%	1.90%
08/26/2023		1.00%	2.30%
09/02/2023		0.90%	2.60%
09/09/2023		1.20%	2.70%
09/16/2023		1.20%	3.00%
09/23/2023		1.20%	3.00%
09/30/2023		1.30%	3.00%
10/07/2023		1.10%	2.90%
10/14/2023		1.20%	2.70%
10/21/2023		1.00%	2.90%
10/28/2023		1.00%	2.70%
11/04/2023	0.00%	0.90%	2.60%
11/11/2023		1.00%	2.90%
11/18/2023		1.30%	2.90%
11/25/2023		1.30%	2.90%
12/02/2023		1.70%	3.50%

## Trends in Deaths for Viral Respiratory Illness, by Sex

Weekly percent of total deaths associated with COVID-19, influenza, and RSV.

### Respiratory Illness

Combined ▾



Sex

Female

Male

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 Table		
Week Ending	Female	Male
10/01/2022	4.10%	4.10%
10/08/2022	3.70%	3.80%
10/15/2022	3.80%	3.60%
10/22/2022	4.10%	3.50%
10/29/2022	3.90%	3.90%
11/05/2022	4.10%	3.80%
11/12/2022	4.20%	3.90%
11/19/2022	4.20%	4.00%
11/26/2022	4.70%	4.50%
12/03/2022	5.50%	5.10%
12/10/2022	6.20%	6.00%
12/17/2022	6.50%	6.20%
12/24/2022	6.50%	6.10%
12/31/2022	6.90%	6.40%
01/07/2023	7.20%	6.60%
01/14/2023	6.70%	6.40%
01/21/2023	5.90%	5.50%
01/28/2023	5.30%	5.00%
02/04/2023	4.40%	4.50%
02/11/2023	4.10%	3.80%
02/18/2023	3.70%	3.50%
02/25/2023	3.70%	3.60%
03/04/2023	3.40%	3.30%
03/11/2023	3.30%	3.10%
03/18/2023	3.00%	3.00%
03/25/2023	2.90%	2.80%
04/01/2023	2.50%	2.50%
04/08/2023	2.50%	2.40%
04/15/2023	2.20%	2.10%
04/22/2023	2.20%	2.00%
04/29/2023	2.00%	1.70%
05/06/2023	1.90%	1.60%
05/13/2023	1.50%	1.60%
05/20/2023	1.40%	1.40%
05/27/2023	1.40%	1.40%
06/03/2023	1.30%	1.20%
06/10/2023	1.20%	1.20%
06/17/2023	1.20%	1.10%
06/24/2023	1.10%	1.10%
07/01/2023	1.10%	1.00%

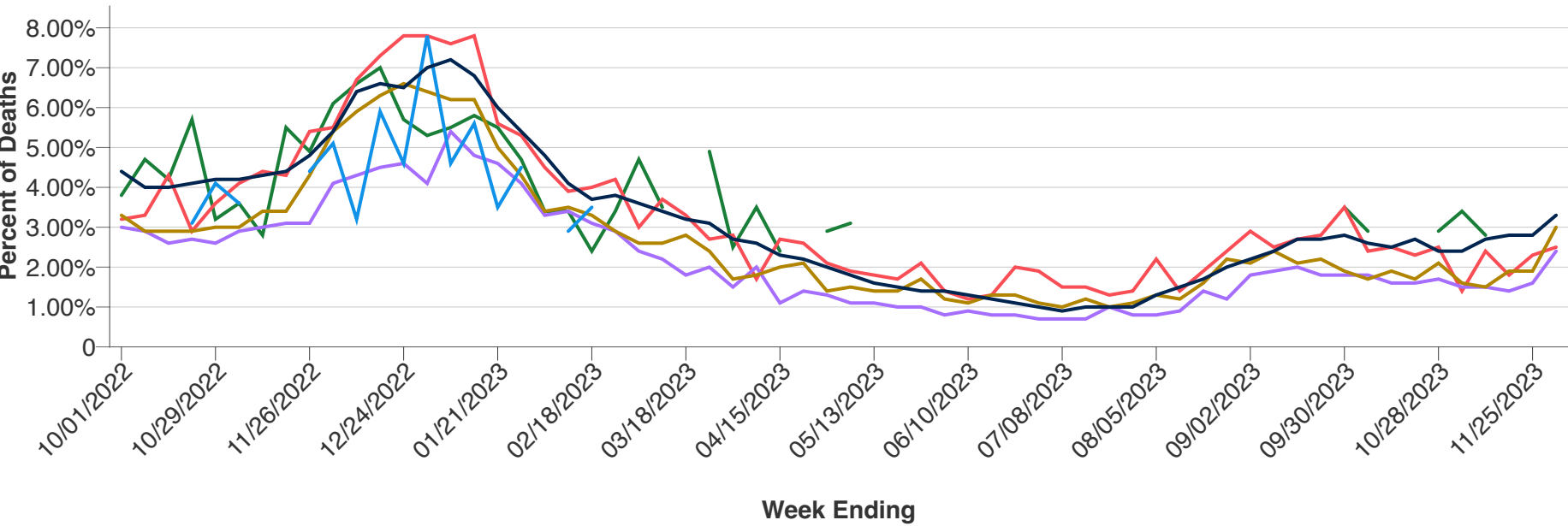
Week Ending	Female	Male
07/08/2023	1.00%	0.90%
07/15/2023	0.90%	1.00%
07/22/2023	1.10%	1.00%
07/29/2023	1.00%	1.00%
08/05/2023	1.30%	1.20%
08/12/2023	1.30%	1.40%
08/19/2023	1.70%	1.70%
08/26/2023	2.00%	1.80%
09/02/2023	2.10%	2.10%
09/09/2023	2.40%	2.30%
09/16/2023	2.50%	2.60%
09/23/2023	2.60%	2.50%
09/30/2023	2.50%	2.70%
10/07/2023	2.40%	2.50%
10/14/2023	2.20%	2.40%
10/21/2023	2.40%	2.50%
10/28/2023	2.40%	2.20%
11/04/2023	2.40%	2.10%
11/11/2023	2.40%	2.50%
11/18/2023	2.70%	2.40%
11/25/2023	2.70%	2.50%
12/02/2023	3.20%	3.20%

# Trends in Deaths for Viral Respiratory Illness, by Race and Ethnicity

Weekly percent of total deaths associated with COVID-19, influenza, and RSV.

## Respiratory Illness

Combined ▾



### Race and Ethnicity

●

 AI/AN, NH

●

 Asian/PI, NH

●

 Black, NH

●

 Hispanic

●

 Multiple/Other, NH

●

 White, NH

NH = non-Hispanic, AI/AN = American Indian/Alaska Native, PI = Pacific Islander

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: 12/02/2023; Data as of: 12/12/2023

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

Data Table						
Week Endi...	AI/AN, NH	Asian/PI, N...	Black, NH	Hispanic	Multiple/Ot...	White, NH
10/01/2022	3.80%	3.20%	3.00%	3.30%	3.20%	4.40%
10/08/2022	4.70%	3.30%	2.90%	2.90%		4.00%
10/15/2022	4.20%	4.30%	2.60%	2.90%		4.00%
10/22/2022	5.70%	2.90%	2.70%	2.90%	3.10%	4.10%
10/29/2022	3.20%	3.60%	2.60%	3.00%	4.10%	4.20%
11/05/2022	3.60%	4.10%	2.90%	3.00%	3.60%	4.20%
11/12/2022	2.80%	4.40%	3.00%	3.40%		4.30%
11/19/2022	5.50%	4.30%	3.10%	3.40%		4.40%
11/26/2022	4.90%	5.40%	3.10%	4.30%	4.40%	4.80%
12/03/2022	6.10%	5.50%	4.10%	5.40%	5.10%	5.40%
12/10/2022	6.60%	6.70%	4.30%	5.90%	3.20%	6.40%
12/17/2022	7.00%	7.30%	4.50%	6.30%	5.90%	6.60%
12/24/2022	5.70%	7.80%	4.60%	6.60%	4.60%	6.50%
12/31/2022	5.30%	7.80%	4.10%	6.40%	7.80%	7.00%
01/07/2023	5.50%	7.60%	5.40%	6.20%	4.60%	7.20%
01/14/2023	5.80%	7.80%	4.80%	6.20%	5.60%	6.80%
01/21/2023	5.50%	5.60%	4.60%	5.00%	3.50%	6.00%
01/28/2023	4.70%	5.30%	4.10%	4.30%	4.50%	5.40%
02/04/2023	3.40%	4.50%	3.30%	3.40%		4.80%
02/11/2023	3.40%	3.90%	3.40%	3.50%	2.90%	4.10%
02/18/2023	2.40%	4.00%	3.10%	3.30%	3.50%	3.70%
02/25/2023	3.40%	4.20%	2.90%	2.90%		3.80%
03/04/2023	4.70%	3.00%	2.40%	2.60%	4.30%	3.60%
03/11/2023	3.50%	3.70%	2.20%	2.60%		3.40%
03/18/2023		3.30%	1.80%	2.80%		3.20%
03/25/2023	4.90%	2.70%	2.00%	2.40%		3.10%
04/01/2023	2.50%	2.80%	1.50%	1.70%		2.70%
04/08/2023	3.50%	1.70%	2.00%	1.80%		2.60%
04/15/2023	2.40%	2.70%	1.10%	2.00%		2.30%
04/22/2023		2.60%	1.40%	2.10%		2.20%
04/29/2023	2.90%	2.10%	1.30%	1.40%		2.00%
05/06/2023	3.10%	1.90%	1.10%	1.50%		1.80%
05/13/2023		1.80%	1.10%	1.40%		1.60%
05/20/2023		1.70%	1.00%	1.40%		1.50%

Week Endi...	AI/AN, NH	Asian/PI, N...	Black, NH	Hispanic	Multiple/Ot...	White, NH
05/27/2023		2.10%	1.00%	1.70%		1.40%
06/03/2023		1.40%	0.80%	1.20%		1.40%
06/10/2023		1.20%	0.90%	1.10%		1.30%
06/17/2023		1.30%	0.80%	1.30%		1.20%
06/24/2023		2.00%	0.80%	1.30%		1.10%
07/01/2023		1.90%	0.70%	1.10%		1.00%
07/08/2023		1.50%	0.70%	1.00%		0.90%
07/15/2023		1.50%	0.70%	1.20%		1.00%
07/22/2023		1.30%	1.00%	1.00%		1.00%
07/29/2023		1.40%	0.80%	1.10%	0.00%	1.00%
08/05/2023		2.20%	0.80%	1.30%		1.30%
08/12/2023		1.40%	0.90%	1.20%		1.50%
08/19/2023		1.90%	1.40%	1.60%	2.80%	1.70%
08/26/2023		2.40%	1.20%	2.20%		2.00%
09/02/2023		2.90%	1.80%	2.10%		2.20%
09/09/2023		2.50%	1.90%	2.40%		2.40%
09/16/2023		2.70%	2.00%	2.10%		2.70%
09/23/2023		2.80%	1.80%	2.20%		2.70%
09/30/2023	3.50%	3.50%	1.80%	1.90%		2.80%
10/07/2023	2.90%	2.40%	1.80%	1.70%		2.60%
10/14/2023		2.50%	1.60%	1.90%		2.50%
10/21/2023		2.30%	1.60%	1.70%		2.70%
10/28/2023	2.90%	2.50%	1.70%	2.10%		2.40%
11/04/2023	3.40%	1.40%	1.50%	1.60%		2.40%
11/11/2023	2.80%	2.40%	1.50%	1.50%		2.70%
11/18/2023		1.80%	1.40%	1.90%		2.80%
11/25/2023		2.30%	1.60%	1.90%		2.80%
12/02/2023		2.50%	2.40%	3.00%		3.30%

## Data Notes: 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>
- Combined is the sum of COVID-19, influenza, and respiratory syncytial virus (RSV) deaths.
- 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).
- 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 is not presented for weeks where death counts are between 1-9 in accordance with NCHS data confidentiality standards.
- Provisional death data represent deaths among U.S. residents and occurring in the 50 states, plus the District of Columbia. Assignment to a geographic area is based on the place of residence listed on the death certificate. Data from U.S. territories are not currently included in NVSS provisional reporting.
- The percentage of all reported deaths that are attributed as COVID-19/Influenza/Respiratory syncytial virus (RSV) is calculated as the number of COVID-19/Influenza/Respiratory syncytial virus (RSV) deaths divided by the number of deaths from all causes multiplied by 100. The percentage of deaths is less affected by incomplete reporting in recent weeks because death certificate data from natural causes of death and all causes have similar timeliness.

# Explore deeper data

COVID-19 Mortality Data



**PREVIOUS**  
Groups Most Impacted: Hospitalizations

**NEXT**  
Hospital Occupancy

