



## Respiratory Illnesses

# Groups Most Impacted—Deaths

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

### Groups Most Impacted Update:

- As a percent of all emergency department visits, children under 18 have the highest proportion of diagnosed influenza visits. Influenza visits decreased or remained stable in all age groups. COVID-19-related emergency department visits are highest among infants under 12 months and adults 65+; visits due to diagnosed RSV are highest among infants under 12 months.
- Rates of influenza-related hospitalizations are elevated in all age groups; adults 65+ have the highest rate compared to other age groups. Non-Hispanic Black persons have the highest age-adjusted influenza hospitalization rate compared with other racial and ethnic groups. Rates of COVID-19 and RSV hospitalizations are decreasing but remain elevated among adults 65+ and infants under 12 months.
- Nationally, the percent of total deaths due to COVID-19, influenza, or RSV were highest (3.3%) among adults 65+.

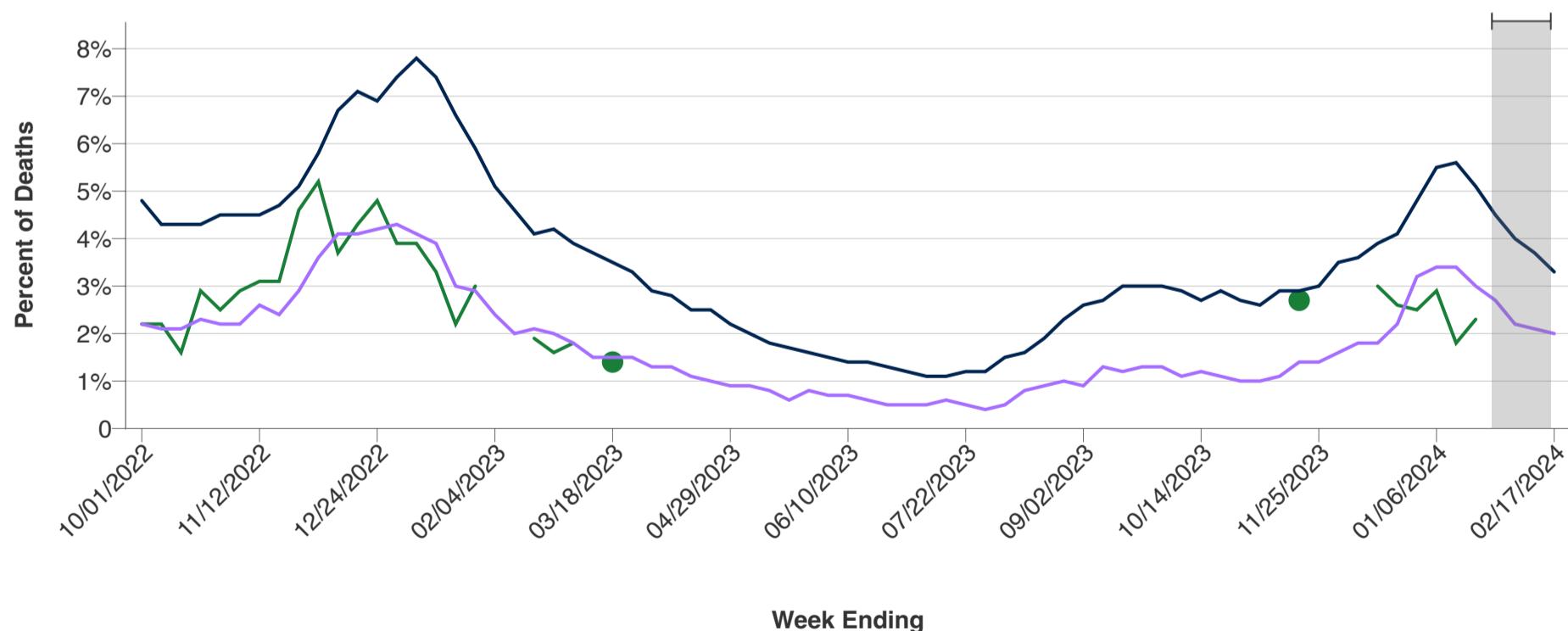
Reported on Friday, March 1st, 2024.

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

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

### 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.

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	3.70%	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	3.90%	4.10%	7.80%
01/14/2023	3.30%	3.90%	7.40%
01/21/2023	2.20%	3.00%	6.60%
01/28/2023	3.00%	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		1.30%	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%

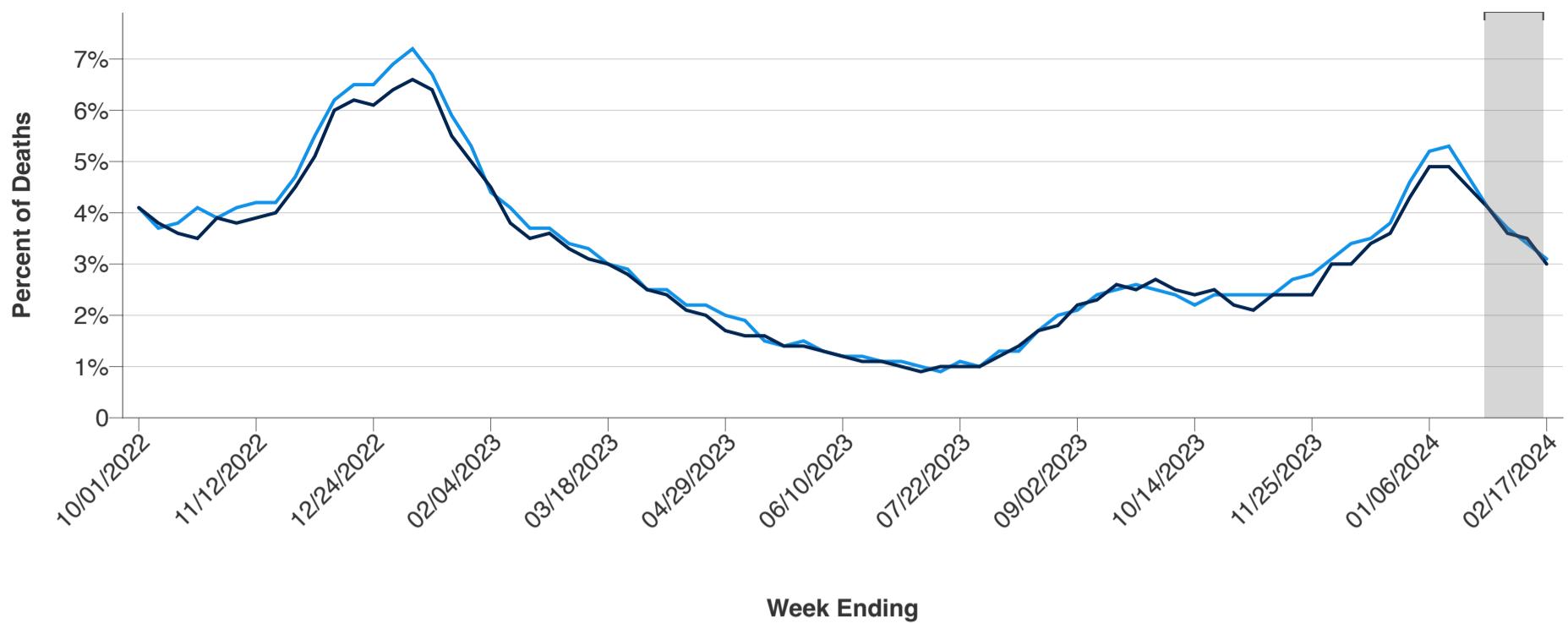
Week Ending	0-17 years	18-64 years	65+ years
07/08/2023		0.50%	1.10%
07/15/2023		0.60%	1.10%
07/22/2023		0.50%	1.20%
07/29/2023		0.40%	1.20%
08/05/2023		0.50%	1.50%
08/12/2023		0.80%	1.60%
08/19/2023		0.90%	1.90%
08/26/2023		1.00%	2.30%
09/02/2023		0.90%	2.60%
09/09/2023		1.30%	2.70%
09/16/2023		1.20%	3.00%
09/23/2023		1.30%	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		1.10%	2.90%
10/28/2023		1.00%	2.70%
11/04/2023		1.00%	2.60%
11/11/2023		1.10%	2.90%
11/18/2023	2.70%	1.40%	2.90%
11/25/2023		1.40%	3.00%
12/02/2023		1.60%	3.50%
12/09/2023		1.80%	3.60%
12/16/2023	3.00%	1.80%	3.90%
12/23/2023	2.60%	2.20%	4.10%
12/30/2023	2.50%	3.20%	4.80%
01/06/2024	2.90%	3.40%	5.50%
01/13/2024	1.80%	3.40%	5.60%
01/20/2024	2.30%	3.00%	5.10%
01/27/2024		2.70%	4.50%
02/03/2024		2.20%	4.00%
02/10/2024		2.10%	3.70%
02/17/2024		2.00%	3.30%

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

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

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

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

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%

Week Ending	Female	Male
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	1.50%	1.40%
06/03/2023	1.30%	1.30%
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%
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%	2.20%
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%	2.40%
11/18/2023	2.70%	2.40%
11/25/2023	2.80%	2.40%
12/02/2023	3.10%	3.00%
12/09/2023	3.40%	3.00%
12/16/2023	3.50%	3.40%
12/23/2023	3.80%	3.60%
12/30/2023	4.60%	4.30%
01/06/2024	5.20%	4.90%
01/13/2024	5.30%	4.90%

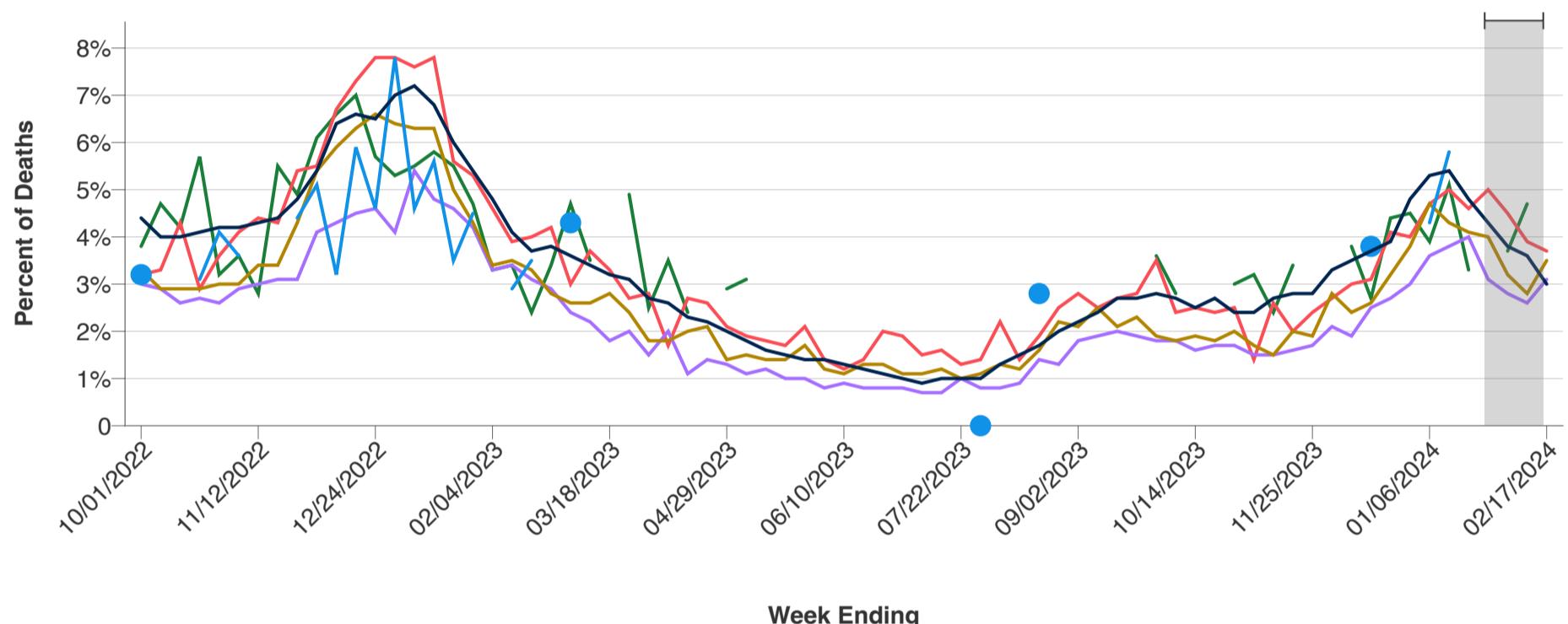
Week Ending	Female	Male
01/20/2024	4.70%	4.50%
01/27/2024	4.10%	4.10%
02/03/2024	3.70%	3.60%
02/10/2024	3.40%	3.50%
02/17/2024	3.10%	3.00%

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

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

### 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: 02/17/2024; Data as of: 02/27/2024

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

Week Ending	AI/AN, NH	Asian/PI, NH	Black, NH	Hispanic	Multiple/Other, NH	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%

Week Ending	AI/AN, NH	Asian/PI, NH	Black, NH	Hispanic	Multiple/Other, NH	White, NH
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%	6.30%	4.60%	7.20%
01/14/2023	5.80%	7.80%	4.80%	6.30%	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%	4.20%	4.30%	4.50%	5.40%
02/04/2023	3.30%	4.60%	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%	2.80%		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%	1.80%		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%	1.20%	1.40%		1.60%
05/20/2023		1.70%	1.00%	1.40%		1.50%
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		1.40%	0.80%	1.30%		1.20%
06/24/2023		2.00%	0.80%	1.30%		1.10%
07/01/2023		1.90%	0.80%	1.10%		1.00%
07/08/2023		1.50%	0.70%	1.10%		0.90%
07/15/2023		1.60%	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		2.50%	1.30%	2.20%		2.00%
09/02/2023		2.80%	1.80%	2.10%		2.20%
09/09/2023		2.50%	1.90%	2.50%		2.40%
09/16/2023		2.70%	2.00%	2.10%		2.70%

Week Ending	AI/AN, NH	Asian/PI, NH	Black, NH	Hispanic	Multiple/Other, NH	White, NH
09/23/2023		2.80%	1.90%	2.30%		2.70%
09/30/2023	3.60%	3.50%	1.80%	1.90%		2.80%
10/07/2023	2.80%	2.40%	1.80%	1.80%		2.70%
10/14/2023		2.50%	1.60%	1.90%		2.50%
10/21/2023		2.40%	1.70%	1.80%		2.70%
10/28/2023	3.00%	2.50%	1.70%	2.00%		2.40%
11/04/2023	3.20%	1.40%	1.50%	1.70%		2.40%
11/11/2023	2.40%	2.60%	1.50%	1.50%		2.70%
11/18/2023	3.40%	2.00%	1.60%	2.00%		2.80%
11/25/2023		2.40%	1.70%	1.90%		2.80%
12/02/2023		2.70%	2.10%	2.80%		3.30%
12/09/2023	3.80%	3.00%	1.90%	2.40%		3.50%
12/16/2023	2.70%	3.10%	2.50%	2.60%	3.80%	3.70%
12/23/2023	4.40%	4.10%	2.70%	3.20%		3.90%
12/30/2023	4.50%	4.00%	3.00%	3.80%		4.80%
01/06/2024	3.90%	4.70%	3.60%	4.70%	4.30%	5.30%
01/13/2024	5.10%	5.00%	3.80%	4.30%	5.80%	5.40%
01/20/2024	3.30%	4.60%	4.00%	4.10%		4.80%
01/27/2024		5.00%	3.10%	4.00%		4.30%
02/03/2024	3.70%	4.50%	2.80%	3.20%		3.80%
02/10/2024	4.70%	3.90%	2.60%	2.80%		3.60%
02/17/2024		3.70%	3.10%	3.50%		3.00%

## 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

