All\_A-Z\_Topics

Provisional Death Counts for Coronavirus

Provisional Deaths by Demographic and Geographic

Note: Provisional death counts are based on death certificate data received and coded by

the National Center for Health Statistics as of May 8, 2020. Death counts are delayed and

may differ from other published sources (see Technical Notes). Counts will be updated

This page provides a weekly summary of deaths with coronavirus disease 2019 (COVID-19) by select

geographic and demographic variables. In this release, counts of deaths are provided by state and

county, by the age, sex, and race and Hispanic origin of the decedent, and by the place of death.

These provisional counts are based on a current flow of mortality data from the National Vital

page may be incomplete and will likely not include all deaths that occurred during a given time

increase or decrease as new and updated death certificate data are received from the states by

Statistics System. National provisional counts include deaths occurring within the 50 states and the

District of Columbia that have been received and coded as of the date specified. Data shown on this

period, especially for the more recent time periods. Data on this page are revised weekly and may

NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently

periodically. Additional information will be added to this site as available.

Weekly Updates by Select Demographic and

Provisional Deaths by Week and by State

**Excess Deaths Data Visualization** 

Additional topics will be added to the release as they become available.

are lagged by an average of 1–2 weeks. See Technical Notes here.

National Vital Statistics System

Disease (COVID-19):

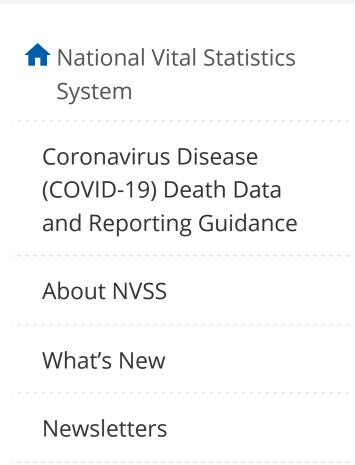
Geographic characteristics

**Characteristics** 

Technical\_Notes

National Center for Health Statistics

### All CDC ▼



CDC > NCHS

Revisions of the U.S. Standard Certificates and Reports

Training and Instructional +

Materials Birth Data

**Mortality Data** 

Fetal Death Data

Linked Birth and Infant

Death Data

Vital Statistics Rapid

Release Restricted-use Vital Statistics Data

e-Vital Standards Initiative +

Bridged Race Categories +

Modernizing the National

Marriages and Divorces

Vital Statistics System

National Maternal and Infant Health Survey

**National Mortality** Followback Survey

Publications and

Information Products

# **Related Sites**

**Surveys and Data** 

**Collection Systems** Vital Statistics Online

National Death Index

## 1. Age\_and\_sex

2. Race and Hispanic origin by jurisdiction and by age

**List of Topics** 

- 3. Place of death
- 4. Comorbidities
- 5. Excess deaths
- 6. State and county data files
- Age and sex

### Table 1 has death counts of COVID-19 and select causes of death by sex and age group for the United

States. For data on sex and age at the state level, click here to download > Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and

influenza reported to NCHS by sex and age group. United States. Week ending

2/1/2020 to 5/2/2020 Race and Hispanic origin

## Table 2a compares the percent distribution of deaths involving coronavirus disease 2019 (COVID-19)

with weighted distributions of COVID-19 deaths to population by race and Hispanic origin group<sup>1</sup>, for the United States and jurisdictions with more than 100 deaths available for analysis. Table 2b includes the percent distributions of the unweighted United States population by race and Hispanic origin. To download the data, Click here to download > Table 2a. Percent distribution of deaths involving coronavirus disease 2019

Hispanic origin group<sup>1</sup>, for the United States and jurisdictions with more than 100 deaths available for analysis. > Table 2b. Percent distribution of unweighted United States population by race and Hispanic Origin<sup>1</sup>.

(COVID-19) with distribution of the weighted percent population by race and

Table 2c has death counts for COVID-19 by race and Hispanic origin group by age group for the United States. For data on race and Hispanic origin by age at the state level, of click here to download

by age and by race and Hispanic origin group<sup>1</sup>, for the United States.

Table 3 presents death counts of COVID-19 and other select causes of death by the place of death.

> Table 2c. Distribution of deaths involving coronavirus disease 2019 (COVID-19)

## For data on place of death at the state level, Click here to download

to 5/2/2020.\*

Place of death

> Table 3. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by place of death, United States. Week ending 2/1/2020

**Comorbidities** Table 4 shows the types of health conditions and contributing causes mentioned in conjunction with

deaths involving coronavirus disease 2019 (COVID-19). For 7% of the deaths, COVID-19 was the only

### cause mentioned. For deaths with conditions or causes in addition to COVID-19, on average, there were 2.5 additional conditions or causes per death. The number of deaths with each condition or

cause is shown for all deaths and by age groups. For data on comorbidity, Click here to download > Table 4. Conditions contributing to deaths involving coronavirus disease 2019

(COVID-19), by age group, United States. Week ending 2/1/2020 to 5/2/2020.\*

This data visualization presents data on weekly counts of all-cause mortality by jurisdiction of

occurrence. Counts of deaths in the most recent weeks are compared with historical trends to

## **Excess deaths**

See the NCHS Excess Deaths Data Visualization.

determine whether the number of deaths in recent weeks is significantly higher than expected.

cause mortality data for years 2014–2018.

**State and County Data Files** Weekly Counts of Deaths by State and Select Causes

• Provisional data for 2019–2020 @ - Weekly counts of leading causes of death based on

• Final\_data\_for\_2014\_2018\_@ - Weekly counts of leading causes of death based on final underlying

• This file includes deaths caused by COVID-19 (coded to ICD-10 code U07.1) and total deaths per

county. Counties included in this table had 10 or more COVID-19 deaths at the time of analysis.

Understanding the Numbers: Provisional Death Counts and COVID-19

The National Center for Health Statistics (NCHS) uses incoming data from death

provisional underlying cause mortality data for 2019–2020, updated weekly.

Provisional COVID-19 Death Counts in the United States by County 6

They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.

Provisional death counts deliver our most complete and accurate picture of lives lost to COVID-19.

ICD-10 code. When COVID-19 is reported as a cause of death – or when it is listed as a "probable" or "presumed" cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation. Why these numbers are different

certificates to produce provisional COVID-19 death counts. These include deaths occurring

within the 50 states and the District of Columbia. COVID-19 deaths are identified using a new

## Provisional death counts may not match counts from other sources, such as media reports or

**How it works** 

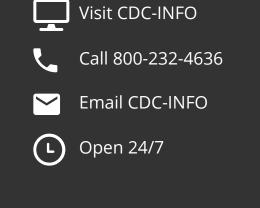
numbers from county health departments. Our counts often track 1–2 weeks behind other data. Death certificates take time to be completed. There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays. **States report at different** rates. Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states. It takes extra time to code COVID-19 deaths. While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days. Other reporting systems use different definitions or methods for counting deaths.

Things to know about the data Provisional counts are not final and are subject to change. Counts from previous weeks are continually revised as more records are received and processed. Provisional data are not yet **complete.** Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years. Death counts should not be compared across states. Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response

activities. For more detailed technical information, visit the <u>Provisional Death Counts for Coronavirus Disease</u> (COVID-19) Technical Notes page.

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