National Center for Health Statistics

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NCHS COVID-19 Death

↑ COVID-19 Data from

Data and Resources

> **Totals by Week** and State

Daily Updates of

Weekly Updates by Select Demographic

and Geographic Characteristics **Excess Deaths** Associated with

Reporting and Coding Deaths Due to COVID-19

Technical Notes

COVID-19

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National Vital Statistics System

(COVID-19)

State Provisional Death Counts for Coronavirus Disease (COVID-19)

Daily Updates of Totals by Week and

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Excess Deaths Associated with COVID-19

Technical Notes

Updated: June 15, 2020

received and coded by the National Center for Health Statistics as of June 15, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically.

The provisional counts for coronavirus disease (COVID-19) deaths are based on a current flow of mortality data in the National Vital 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. It is important

to note that it can take several weeks for death records to be submitted to National

Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the

data shown on this page may be incomplete, and will likely not include all deaths

Additional information will be added to this site as available.

Note: Provisional death counts are based on death certificate data

that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks. The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

Table 1 has counts of death involving COVID-19 and select causes of death by the

▼ Table 1. Deaths involving coronavirus disease 2019 (COVID-19),

pneumonia, and influenza reported to NCHS by week ending date,

date at the state level, Click here to download

Deaths

Deaths

week ending date in which the death occurred. For COVID-19 deaths by week ending

United States. Week ending 2/1/2020 to 6/13/2020.* Updated June 15, 2020 All Death Deaths Deaths involving involving involving Pneumonia, Week Influenza Αll COVID-19 ending with or with or

Percent

of

without

COVID-19,

and

Pneumonia,

without

COVID-19

involving from excluding COVID-All Expected excluding the Pneumon Deaths² 19 Influenza Causes Influenza death (J09-J11) $(U07.1)^1$ (U07.1 and deaths occurred includes J12.0-(J12.0-COVID-19 J18.9)³ J18.9)³ Pneumoni

weeks of when the death occurred (8)

cause of death.

U07.1 or J09-J18.9.

of

Occurrence

United States⁶

Alabama

Alaska

Arizona

Arkansas

California

Missouri

Montana

Vermont

Virginia

Washington

West Virginia

Wisconsin

Wyoming

Puerto Rico

How it Works

by race and Hispanic origin.

or without laboratory confirmation.

create additional delays.

counting deaths.

processed.

Things to know about the data

Columbia.

53

1,507

1,037

80

605

13

132

2,279

27,518

21,821

6,775

20,595

1,687

9,699

101

103

98

77

100

97

86

139

1,721

1,798

506

1,118

113

1,295

502

552

24

100

69

724

16

23,561

3,765

exclude pneumonia deaths involving influenza.

involving

COVID-

19

 $(U07.1)^1$

100,303

706

926

139

4,170

from

All

Causes

1,134,398

19,485

1,368

24,744

11,923

105,381

date in

which

| | otal eaths | 100,303 | 1,134,398 | 102 | 110,865 | 43,574 | 6, |
|---|--|--|--|--------------------------------|--|---|-------------------|
| 2/ | 1/2020 | 1 | 57,829 | 97 | 3,741 | 0 | |
| 2/8 | 8/2020 | 1 | 58,359 | 98 | 3,729 | 0 | |
| 2/ | 15/2020 | 0 | 57,708 | 98 | 3,755 | 0 | |
| 2/2 | 22/2020 | 4 | 57,804 | 100 | 3,633 | 1 | |
| 2/2 | 29/2020 | 5 | 58,180 | 101 | 3,755 | 3 | |
| 3/7 | 7/2020 | 32 | 58,444 | 101 | 3,887 | 16 | |
| 3/ | 14/2020 | 52 | 57,329 | 100 | 3,874 | 27 | |
| 3/2 | 21/2020 | 547 | 57,949 | 102 | 4,454 | 245 | |
| 3/2 | 28/2020 | 3,037 | 61,878 | 111 | 6,024 | 1,371 | • |
| 4/4 | 4/2020 | 9,468 | 70,329 | 126 | 9,576 | 4,531 | • |
| 4/ | 11/2020 | 15,631 | 76,702 | 138 | 11,645 | 7,007 | • |
| 4/ | 18/2020 | 16,229 | 73,869 | 137 | 10,890 | 6,947 | |
| 4/2 | 25/2020 | 13,962 | 69,677 | 129 | 9,579 | 5,992 | |
| 5/2 | 2/2020 | 11,428 | 64,281 | 120 | 8,064 | 4,857 | |
| 5/9 | 9/2020 | 10,311 | 61,572 | 117 | 7,236 | 4,383 | |
| 5/ | 16/2020 | 8,163 | 57,665 | 110 | 6,071 | 3,409 | |
| 5/2 | 23/2020 | 5,834 | 52,287 | 100 | 4,929 | 2,498 | |
| 5/3 | 30/2020 | 4,077 | 45,178 | 87 | 3,701 | 1,631 | |
| 6/6 | 6/2020 | 1,355 | 29,768 | 56 | 1,894 | 575 | |
| 6/ | 13/2020 | 166 | 7,590 | 15 | 428 | 81 | |
| | | | | | | | |
| | | | | | | | |
| NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. The United States population, based on 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434. *Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction, age, | | | | | | | |
| ¹ Death ² Perce the av data c | ent of expectorerage numbers completeness | rmed or pre ed deaths is er across the s have found | the number of e same week in I that complete | 2017–2019. Preness is lower in | auses for this we vious analyses o the first few wee | ek in 2020 compa of 2015–2016 provi oks following the d ost 75% complete v | isional ate of |

pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 6/13/2020.* Updated June 15, 2020 Deaths involving All Dear Deaths Pneumonia, involving involvi All COVID-19 with or Influen Deaths Percent Deaths Jurisdiction

of

Expected

Deaths²

102

95

83

105

96

100

without

excluding

Influenza

deaths

(J12.0 -

J18.9)³

110,865

1,301

1,931

799

9,689

65

COVID-19, 🔷

and

excluding

Influenza

(J12.0-J18.9)

and U07.1)³

43,574

206

475

45

2,340

Pneumonia,

with c

withou

COVID-

Pneumo (J09-J1)

or

³Counts of deaths involving pneumonia include pneumonia deaths that aso involve COVID-19 and

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes

▼ Table 2. Deaths involving coronavirus disease 2019 (COVID-19),

1,589 108 705 Colorado 1,373 16,580 Connecticut 2,539 68 953 576 8,472 3,599 Delaware 416 101 308 150

District of 428 113 581 426 2,662 Columbia Florida 2,429 82,217 100 6,320 1,266 Georgia 1,692 31,704 97 2,409 786 4,173 16 92 275 Hawaii Idaho **85** 96 265 25 5,352 5,463 Illinois 5,242 2,670 46,966 114 Indiana 2,020 101 2,592 851 25,989 Iowa 541 11,344 96 837 148 90 210 9,704 94 662 Kansas 421 16,605 212 Kentucky 88 1,542 2,355 18,567 105 1,865 1,087 Louisiana 5,558 98 98 414 21 Maine Maryland 2,745 22,212 114 2,367 1,011 Massachusetts 6,682 29,262 125 4,199 2,404 Michigan 4,889 41,700 110 4,714 2,435 1,061 17,629 103 1,370 305 Minnesota **720** 12,590 103 1,262 336 Mississippi

94

94

1,520

199

246

Nebraska **170** 6,205 94 484 58 Nevada 394 9,827 97 900 291 New 281 4,939 104 365 84 Hampshire New Jersey 12,230 43,179 149 8,255 6,011 **New Mexico** 318 6,787 94 522 128 New York⁷ 9,956 49,538 127 8,264 4,896 **New York City** 18,734 215 9,584 7,268 45,101 North 25,942 **576** 70 1,811 220 Carolina North Dakota **50** 2,122 77 188 16 91 2,930 Ohio 1,806 756 43,761 320 90 1,258 127 Oklahoma 13,914 174 92 668 65 Oregon 13,092 93 Pennsylvania 6,039 49,374 4,647 2,245 235 Rhode Island **593** 4,035 99 418 South 531 19,137 100 1,238 209 Carolina South Dakota **64** 2,805 88 229 26 Tennessee 354 27,758 96 2,045 148 Texas 1,650 75,812 97 5,771 721 Utah 117 7,283 98 402 46

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. *Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction, age, and cause of death. ¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1. ²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. ³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza. ⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death. ⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9. ⁶United States death count includes the 50 states, plus the District of Columbia and New York City. ⁷Excludes New York City. Understanding the Numbers: Provisional Death Counts and COVID-19

Provisional death counts deliver the most complete and accurate picture of lives

lost to COVID-19. They are based on death certificates, which are the most

including comorbid conditions, race and ethnicity, and place of death.

from death certificates to produce provisional COVID-19 death

NCHS also provides summaries that examine deaths in specific

reliable source of data and contain information not available anywhere else,

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

counts. These include deaths occurring within the 50 states and the District of

categories and in greater geographic detail, such as deaths by county and

COVID-19 deaths are identified using a new ICD-10 code. When COVID-

"presumed" cause — the death is coded as **U07.1**. This can include cases with

19 is reported as a cause of death – or when it is listed as a "probable" or

Why These Numbers are Different Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS 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

• States report at different rates. Currently, 63% of all U.S. deaths are

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

reported within 10 days of the date of death, but there is significant variation

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.

Provisional counts are not final and are subject to change. Counts from

previous weeks are continually revised as more records are received and

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</u>

Weekly Updates by... >

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