



## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

### Contents

#### **Daily Updates of Totals by Week and State**

[Weekly Updates by Select Demographic and Geographic Characteristics](#)

[Excess Deaths Associated with COVID-19](#)

[Technical Notes](#)

Updated: July 14, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 14, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (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 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 week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level, [Click here to download](#).

▼ Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 7/11/2020.\*

Updated July 14, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>120,675</b>	1,374,452	105	130,419	52,125	6,517	204,529
2/1/2020	<b>0</b>	58,325	98	3,774	0	478	4,252
2/8/2020	<b>1</b>	59,069	99	3,777	0	518	4,296
2/15/2020	<b>0</b>	58,319	99	3,797	0	554	4,351
2/22/2020	<b>5</b>	58,286	100	3,654	1	561	4,219
2/29/2020	<b>5</b>	58,486	102	3,773	3	640	4,415
3/7/2020	<b>34</b>	58,638	101	3,905	16	622	4,544
3/14/2020	<b>52</b>	57,672	101	3,896	27	611	4,531
3/21/2020	<b>561</b>	58,509	103	4,494	249	546	5,345
3/28/2020	<b>3,126</b>	62,478	112	6,115	1,411	440	8,220
4/4/2020	<b>9,907</b>	71,649	128	9,831	4,716	477	15,263
4/11/2020	<b>16,011</b>	78,325	141	11,887	7,173	471	20,856
4/18/2020	<b>16,897</b>	76,001	140	11,291	7,252	262	21,011
4/25/2020	<b>15,209</b>	72,879	135	10,239	6,520	143	18,975
5/2/2020	<b>12,969</b>	68,081	127	8,815	5,455	64	16,373
5/9/2020	<b>10,949</b>	65,258	124	7,655	4,626	46	14,015
5/16/2020	<b>8,933</b>	62,435	119	6,565	3,690	19	11,824
5/23/2020	<b>6,932</b>	59,096	113	5,660	2,889	22	9,721
5/30/2020	<b>5,850</b>	56,359	109	4,991	2,373	10	8,478
6/6/2020	<b>4,617</b>	54,732	104	4,564	2,002	11	7,190
6/13/2020	<b>3,668</b>	52,189	101	3,981	1,630	10	6,026
6/20/2020	<b>2,783</b>	48,581	94	3,469	1,189	5	5,068
6/27/2020	<b>1,463</b>	40,438	78	2,341	559	6	3,251
7/4/2020	<b>522</b>	28,269	54	1,417	257	0	1,682
7/11/2020	<b>181</b>	10,378	20	528	87	1	623

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. Counts of deaths occurring before or after the reporting period are not included in the table. 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 and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

<sup>2</sup>Percent 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. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death occurred (8).

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09–J18.9.

▼ **Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 7/11/2020.\***

Updated July 14, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>120,675</b>	1,374,452	105	130,419	52,125	6,517	204,529
Alabama	<b>1,013</b>	24,015	98	1,618	305	95	2,418
Alaska	<b>11</b>	1,751	89	78	-	-	89
Arizona	<b>1,610</b>	30,633	110	2,547	850	113	3,420
Arkansas	<b>280</b>	14,484	98	982	111	75	1,226
California	<b>5,796</b>	127,029	101	11,682	3,216	576	14,837
Colorado	<b>1,594</b>	19,651	108	1,834	828	95	2,690
Connecticut	<b>3,842</b>	14,231	97	1,513	867	72	4,557
Delaware	<b>502</b>	4,456	105	387	193	16	712
District of Columbia	<b>594</b>	3,319	119	766	585	-	784
Florida	<b>3,238</b>	99,155	102	7,568	1,667	308	9,438
Georgia	<b>2,264</b>	39,113	100	2,976	1,022	110	4,327
Hawaii	<b>17</b>	5,131	95	307	-	20	338
Idaho	<b>93</b>	6,244	95	301	26	25	393
Illinois	<b>6,283</b>	55,756	114	6,303	3,168	176	9,591

Indiana	<b>2,519</b>	31,763	104	3,082	1,063	131	4,665
Iowa	<b>726</b>	13,703	98	994	212	84	1,592
Kansas	<b>271</b>	11,848	97	783	120	89	1,023
Kentucky	<b>554</b>	20,488	92	1,875	278	98	2,248
Louisiana	<b>2,901</b>	22,738	108	2,269	1,368	71	3,868
Maine	<b>111</b>	6,668	99	473	26	31	589
Maryland	<b>3,385</b>	26,624	115	2,868	1,270	126	5,093
Massachusetts	<b>7,588</b>	34,252	124	4,775	2,756	161	9,760
Michigan	<b>5,450</b>	49,410	110	5,277	2,676	240	8,286
Minnesota	<b>1,379</b>	21,089	104	1,615	391	121	2,723
Mississippi	<b>1,038</b>	15,489	106	1,553	489	52	2,154
Missouri	<b>930</b>	28,494	95	1,778	310	176	2,574
Montana	<b>20</b>	4,386	93	220	-	34	270
Nebraska	<b>257</b>	7,525	95	570	95	28	760
Nevada	<b>475</b>	11,921	99	1,059	348	41	1,227
New Hampshire	<b>359</b>	5,938	105	407	98	30	697
New Jersey	<b>13,496</b>	49,408	144	9,047	6,592	121	16,058
New Mexico	<b>454</b>	8,427	98	657	187	29	953
New York <sup>7</sup>	<b>11,088</b>	57,843	125	9,251	5,413	208	15,116
New York City	<b>20,359</b>	50,774	204	10,394	7,849	959	23,032
North Carolina	<b>994</b>	34,280	78	2,412	378	225	3,251
North Dakota	<b>79</b>	2,952	90	243	25	19	316
Ohio	<b>2,463</b>	55,307	97	3,630	1,032	258	5,318
Oklahoma	<b>380</b>	16,674	91	1,458	148	107	1,791
Oregon	<b>210</b>	15,852	93	777	73	64	977
Pennsylvania	<b>6,947</b>	62,194	99	5,475	2,532	205	10,091
Rhode Island	<b>890</b>	5,138	106	565	344	25	1,136
South Carolina	<b>738</b>	23,711	105	1,519	288	99	2,067
South Dakota	<b>98</b>	3,530	93	275	42	26	357
Tennessee	<b>530</b>	33,677	98	2,431	202	127	2,886
Texas	<b>2,654</b>	92,841	100	7,151	1,161	341	8,981
Utah	<b>170</b>	8,756	100	491	61	40	640
Vermont	<b>57</b>	2,697	101	150	14	16	209

Virginia	<b>1,961</b>	33,001	104	2,069	665	111	3,474
Washington	<b>1,122</b>	24,848	94	1,943	597	111	2,574
West Virginia	<b>98</b>	8,355	80	610	32	58	734
Wisconsin	<b>769</b>	24,831	102	1,282	129	150	2,070
Wyoming	<b>18</b>	2,052	96	129	-	-	149
Puerto Rico	<b>145</b>	11,592	90	1,473	76	61	1,602

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. Counts of deaths occurring before or after the reporting period are not included in the table.

\*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 and cause of death.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent 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.

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

<sup>6</sup>United States death count includes the 50 states, plus the District of Columbia and New York City.

<sup>7</sup>Excludes 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 reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.*

### How it Works

**The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts.** These include deaths occurring within the 50 states and the District of Columbia.

**NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail,** such as deaths by county and by race and Hispanic origin.

**COVID-19 deaths are identified using a new 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

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 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 [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

