



## National Center for Health Statistics

# Daily Updates of Totals by Week and State

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

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Updated: July 20, 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 20, 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 7/18/2020.\*

Updated July 20, 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>128,035</b>	1,442,807	106	136,703	55,244	6,544	215,079
2/1/2020	<b>0</b>	58,354	98	3,778	0	479	4,257
2/8/2020	<b>1</b>	59,110	99	3,781	0	519	4,301
2/15/2020	<b>0</b>	58,398	99	3,808	0	554	4,362
2/22/2020	<b>5</b>	58,424	101	3,666	1	562	4,232
2/29/2020	<b>6</b>	58,579	102	3,779	3	644	4,426
3/7/2020	<b>34</b>	58,687	101	3,911	16	624	4,552
3/14/2020	<b>52</b>	57,727	101	3,903	27	612	4,539
3/21/2020	<b>563</b>	58,589	103	4,499	250	549	5,354
3/28/2020	<b>3,139</b>	62,582	112	6,134	1,418	440	8,245
4/4/2020	<b>9,920</b>	71,797	128	9,850	4,722	477	15,289
4/11/2020	<b>16,047</b>	78,500	142	11,914	7,187	472	20,906
4/18/2020	<b>16,941</b>	76,191	141	11,322	7,269	263	21,070
4/25/2020	<b>15,289</b>	73,151	136	10,286	6,557	143	19,065
5/2/2020	<b>13,014</b>	68,432	127	8,854	5,473	65	16,440
5/9/2020	<b>11,007</b>	65,721	125	7,715	4,650	46	14,109
5/16/2020	<b>8,999</b>	63,172	120	6,625	3,715	19	11,925
5/23/2020	<b>7,019</b>	60,130	115	5,748	2,921	23	9,865
5/30/2020	<b>5,980</b>	57,736	111	5,112	2,422	11	8,681
6/6/2020	<b>4,828</b>	56,196	107	4,698	2,077	11	7,460
6/13/2020	<b>3,994</b>	54,049	104	4,237	1,779	11	6,460
6/20/2020	<b>3,467</b>	52,409	101	3,928	1,461	5	5,939
6/27/2020	<b>3,099</b>	50,204	97	3,553	1,269	10	5,392
7/4/2020	<b>2,818</b>	45,260	87	3,122	1,221	2	4,720
7/11/2020	<b>1,623</b>	32,171	62	2,112	723	2	3,014

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 7/18/2020.\*

Updated July 20, 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>128,035</b>	1,442,807	106	136,703	55,244	6,544	215,079
Alabama	<b>1,212</b>	25,365	100	1,740	375	95	2,669
Alaska	<b>11</b>	1,838	90	79	-	-	90
Arizona	<b>2,227</b>	33,070	114	3,017	1,206	114	4,152
Arkansas	<b>336</b>	15,184	99	1,038	137	75	1,312
California	<b>6,823</b>	133,942	103	12,583	3,776	577	16,206
Colorado	<b>1,615</b>	20,378	108	1,858	836	95	2,727
Connecticut	<b>3,942</b>	15,671	103	1,609	891	73	4,730
Delaware	<b>512</b>	4,776	108	406	196	16	738
District of Columbia	<b>635</b>	3,483	119	809	621	-	832
Florida	<b>3,979</b>	104,871	104	8,143	2,013	310	10,409
Georgia	<b>2,500</b>	41,131	101	3,133	1,113	110	4,629
Hawaii	<b>19</b>	5,369	95	317	-	20	350
Idaho	<b>110</b>	6,712	98	319	29	25	425

Illinois	<b>6,649</b>	58,661	115	6,572	3,312	177	10,083
Indiana	<b>2,694</b>	32,739	103	3,201	1,119	131	4,903
Iowa	<b>783</b>	14,405	99	1,032	228	84	1,671
Kansas	<b>306</b>	12,366	97	820	140	89	1,075
Kentucky	<b>644</b>	21,557	93	1,998	315	98	2,424
Louisiana	<b>3,058</b>	23,880	109	2,383	1,441	72	4,066
Maine	<b>128</b>	7,019	100	489	26	31	622
Maryland	<b>3,576</b>	27,873	116	2,984	1,326	126	5,344
Massachusetts	<b>7,726</b>	35,433	123	4,865	2,788	162	9,957
Michigan	<b>5,596</b>	52,089	112	5,459	2,747	240	8,543
Minnesota	<b>1,471</b>	22,219	105	1,698	412	121	2,877
Mississippi	<b>1,172</b>	16,374	108	1,657	544	52	2,337
Missouri	<b>1,002</b>	29,977	97	1,848	331	176	2,695
Montana	<b>27</b>	4,690	95	233	-	34	289
Nebraska	<b>278</b>	7,877	96	598	106	28	798
Nevada	<b>537</b>	12,594	100	1,140	396	41	1,322
New Hampshire	<b>380</b>	6,268	106	424	103	30	730
New Jersey	<b>13,761</b>	51,366	144	9,238	6,693	121	16,413
New Mexico	<b>481</b>	8,658	97	684	199	29	995
New York <sup>7</sup>	<b>11,210</b>	59,819	124	9,409	5,450	209	15,360
New York City	<b>20,445</b>	51,799	200	10,492	7,877	961	23,190
North Carolina	<b>1,222</b>	36,756	80	2,614	455	227	3,606
North Dakota	<b>103</b>	3,257	96	273	29	20	367
Ohio	<b>2,627</b>	57,313	97	3,768	1,093	260	5,561
Oklahoma	<b>414</b>	17,728	93	1,550	157	108	1,909
Oregon	<b>249</b>	16,890	96	827	84	65	1,056
Pennsylvania	<b>7,204</b>	64,942	99	5,646	2,602	210	10,454
Rhode Island	<b>938</b>	5,417	107	597	365	25	1,195
South Carolina	<b>949</b>	24,771	105	1,659	368	99	2,338
South Dakota	<b>116</b>	3,644	93	284	49	26	377
Tennessee	<b>649</b>	35,565	100	2,605	252	130	3,132
Texas	<b>3,261</b>	96,179	99	7,593	1,435	342	9,757
Utah	<b>213</b>	9,353	102	526	74	40	705

Vermont	<b>57</b>	2,822	102	154	14	16	213
Virginia	<b>2,049</b>	34,685	106	2,143	691	111	3,610
Washington	<b>1,200</b>	27,118	98	2,081	635	111	2,752
West Virginia	<b>103</b>	8,684	80	635	34	58	762
Wisconsin	<b>818</b>	26,079	103	1,339	137	150	2,168
Wyoming	<b>18</b>	2,151	100	134	-	-	154
Puerto Rico	<b>158</b>	12,219	87	1,532	83	62	1,668

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.

