

## 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: August 25, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 25, 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.

For the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, [click here](#).

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 8/22/2020.\***

Updated August 25, 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>163,039</b>	1,766,599	109	167,874	71,885	6,635	264,684
2/1/2020	<b>0</b>	58,506	99	3,789	0	479	4,268
2/8/2020	<b>1</b>	59,254	99	3,794	0	520	4,315
2/15/2020	<b>0</b>	58,649	100	3,820	0	554	4,374
2/22/2020	<b>5</b>	58,695	101	3,690	1	564	4,258
2/29/2020	<b>10</b>	59,118	103	3,816	5	654	4,475
3/7/2020	<b>35</b>	59,433	103	3,949	17	631	4,597
3/14/2020	<b>52</b>	58,145	102	3,939	27	617	4,580
3/21/2020	<b>570</b>	58,801	104	4,520	252	556	5,387
3/28/2020	<b>3,150</b>	62,767	112	6,159	1,425	441	8,275
4/4/2020	<b>9,996</b>	72,015	129	9,889	4,745	478	15,382
4/11/2020	<b>16,149</b>	78,749	142	11,959	7,212	473	21,028
4/18/2020	<b>17,033</b>	76,418	141	11,364	7,292	265	21,181
4/25/2020	<b>15,385</b>	73,464	137	10,333	6,584	143	19,181
5/2/2020	<b>13,107</b>	68,896	128	8,911	5,496	65	16,567
5/9/2020	<b>11,132</b>	66,452	126	7,800	4,692	47	14,277
5/16/2020	<b>9,126</b>	64,087	122	6,715	3,757	21	12,102
5/23/2020	<b>7,120</b>	61,169	117	5,832	2,943	24	10,028
5/30/2020	<b>6,074</b>	59,154	114	5,219	2,459	12	8,846
6/6/2020	<b>4,945</b>	58,252	111	4,841	2,125	11	7,672
6/13/2020	<b>4,154</b>	57,280	111	4,478	1,847	11	6,793

6/20/2020	<b>3,751</b>	56,976	110	4,292	1,580	7	6,469
6/27/2020	<b>3,703</b>	57,102	111	4,135	1,519	10	6,328
7/4/2020	<b>4,323</b>	57,569	111	4,369	1,920	4	6,773
7/11/2020	<b>5,394</b>	58,371	113	5,209	2,558	9	8,054
7/18/2020	<b>6,560</b>	58,453	114	5,689	3,154	12	9,104
7/25/2020	<b>7,190</b>	58,086	114	5,964	3,445	9	9,714
8/1/2020	<b>6,502</b>	55,524	109	5,520	3,137	10	8,891
8/8/2020	<b>5,056</b>	49,664	96	4,672	2,490	4	7,242
8/15/2020	<b>2,307</b>	35,730	70	2,688	1,108	2	3,888
8/22/2020	<b>209</b>	9,820	19	519	95	2	635

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 8/22/2020.\*

Updated August 25, 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>163,039</b>	1,766,599	109	167,874	71,885	6,635	264,684
Alabama	<b>2,300</b>	32,133	107	2,355	713	100	4,036
Alaska	<b>23</b>	2,315	94	97	12	-	114
Arizona	<b>4,302</b>	41,973	122	4,614	2,467	115	6,564
Arkansas	<b>676</b>	18,866	104	1,394	285	76	1,861

California	<b>11,351</b>	165,593	108	16,668	6,336	578	22,259
Colorado	<b>1,826</b>	25,052	112	2,151	947	95	3,120
Connecticut	<b>4,266</b>	19,093	106	1,767	931	73	5,172
Delaware	<b>545</b>	5,810	110	453	215	16	799
District of Columbia	<b>700</b>	4,167	120	889	669	-	929
Florida	<b>9,334</b>	131,698	110	11,841	4,593	320	16,886
Georgia	<b>4,108</b>	51,695	107	4,221	1,823	112	6,616
Hawaii	<b>32</b>	6,514	98	380	12	20	420
Idaho	<b>292</b>	8,293	102	441	104	25	654
Illinois	<b>7,187</b>	69,197	115	7,282	3,536	178	11,108
Indiana	<b>3,078</b>	40,077	106	3,732	1,267	133	5,672
Iowa	<b>1,002</b>	17,571	102	1,234	294	84	2,026
Kansas	<b>457</b>	15,319	102	1,002	199	89	1,349
Kentucky	<b>857</b>	26,851	98	2,411	403	99	2,963
Louisiana	<b>4,003</b>	29,758	114	3,091	1,913	74	5,249
Maine	<b>142</b>	8,473	102	561	30	31	704
Maryland	<b>3,954</b>	33,105	116	3,371	1,451	126	5,984
Massachusetts	<b>7,931</b>	40,685	120	5,134	2,837	164	10,384
Michigan	<b>5,906</b>	62,251	113	6,054	2,872	242	9,325
Minnesota	<b>1,709</b>	26,799	106	1,966	475	121	3,320
Mississippi	<b>1,995</b>	20,528	114	2,340	1,000	53	3,388
Missouri	<b>1,371</b>	36,826	100	2,255	455	178	3,349
Montana	<b>78</b>	5,754	98	285	17	34	380
Nebraska	<b>355</b>	9,694	100	725	140	28	968
Nevada	<b>1,031</b>	15,886	107	1,677	776	41	1,973
New Hampshire	<b>409</b>	7,485	106	472	112	30	798
New Jersey	<b>14,083</b>	57,609	136	9,633	6,809	121	17,014
New Mexico	<b>701</b>	11,117	106	879	304	29	1,305
New York <sup>7</sup>	<b>11,472</b>	69,542	122	10,093	5,543	211	16,214
New York City	<b>20,617</b>	56,648	184	10,852	7,931	964	23,669
North Carolina	<b>1,698</b>	44,973	83	3,187	642	228	4,469
North Dakota	<b>132</b>	3,871	95	328	45	20	435
Ohio	<b>3,403</b>	70,864	101	4,653	1,427	262	6,890
Oklahoma	<b>699</b>	21,925	97	1,941	279	109	2,464

Oregon	<b>379</b>	20,719	99	995	128	65	1,310
Pennsylvania	<b>7,760</b>	79,782	103	6,418	2,779	238	11,633
Rhode Island	<b>995</b>	6,252	105	650	384	25	1,286
South Carolina	<b>2,160</b>	31,313	112	2,485	895	100	3,848
South Dakota	<b>174</b>	4,618	99	369	75	26	494
Tennessee	<b>1,392</b>	44,475	105	3,466	626	134	4,365
Texas	<b>10,382</b>	126,818	110	12,533	5,055	353	18,205
Utah	<b>378</b>	11,517	106	658	133	40	943
Vermont	<b>59</b>	3,382	103	167	14	16	228
Virginia	<b>2,525</b>	42,330	109	2,608	873	114	4,372
Washington	<b>1,588</b>	33,464	102	2,520	811	113	3,405
West Virginia	<b>148</b>	11,617	89	829	50	58	985
Wisconsin	<b>1,044</b>	31,614	105	1,585	189	150	2,588
Wyoming	<b>30</b>	2,688	104	162	-	-	192
Puerto Rico	<b>305</b>	14,440	86	1,812	174	64	2,005

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.

