

## 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 31, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 31, 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 an index of all available Provisional Death Counts for Coronavirus Diseases (COVID-19), [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 7/25/2020.\***

Updated July 31, 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>137,922</b>	1,546,344	109	146,052	59,837	6,575	229,746
2/1/2020	<b>0</b>	58,448	98	3,785	0	479	4,264
2/8/2020	<b>1</b>	59,204	99	3,788	0	520	4,309
2/15/2020	<b>0</b>	58,493	99	3,812	0	554	4,366
2/22/2020	<b>5</b>	58,570	101	3,676	1	563	4,243
2/29/2020	<b>7</b>	58,852	102	3,798	4	649	4,450
3/7/2020	<b>35</b>	58,942	102	3,925	17	625	4,567
3/14/2020	<b>52</b>	57,808	101	3,914	27	612	4,550
3/21/2020	<b>565</b>	58,632	103	4,508	251	551	5,366
3/28/2020	<b>3,146</b>	62,632	112	6,147	1,422	440	8,261
4/4/2020	<b>9,944</b>	71,869	129	9,862	4,727	477	15,320
4/11/2020	<b>16,084</b>	78,623	142	11,930	7,194	472	20,952
4/18/2020	<b>16,982</b>	76,299	141	11,345	7,279	265	21,124
4/25/2020	<b>15,324</b>	73,304	136	10,307	6,569	143	19,109
5/2/2020	<b>13,036</b>	68,685	128	8,875	5,476	65	16,480
5/9/2020	<b>11,053</b>	66,173	125	7,755	4,664	47	14,181
5/16/2020	<b>9,050</b>	63,738	121	6,660	3,728	20	11,999
5/23/2020	<b>7,064</b>	60,744	117	5,786	2,933	23	9,936
5/30/2020	<b>6,024</b>	58,520	113	5,163	2,439	11	8,759
6/6/2020	<b>4,894</b>	57,233	109	4,773	2,103	11	7,575
6/13/2020	<b>4,093</b>	55,613	107	4,364	1,822	11	6,643

6/20/2020	<b>3,663</b>	54,665	106	4,141	1,547	5	6,262
6/27/2020	<b>3,519</b>	53,837	105	3,902	1,445	10	5,985
7/4/2020	<b>3,924</b>	53,162	102	3,997	1,740	3	6,182
7/11/2020	<b>4,362</b>	51,918	101	4,430	2,082	7	6,717
7/18/2020	<b>3,815</b>	44,928	88	3,712	1,769	8	5,765
7/25/2020	<b>1,280</b>	25,452	50	1,697	598	4	2,381

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 7/25/2020.\***

Updated July 31, 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>137,922</b>	1,546,344	109	146,052	59,837	6,575	229,746
Alabama	<b>1,476</b>	27,551	105	1,903	446	96	3,025
Alaska	<b>14</b>	1,957	92	82	-	-	95
Arizona	<b>3,025</b>	36,031	120	3,625	1,691	114	5,073
Arkansas	<b>428</b>	16,442	104	1,143	178	76	1,469
California	<b>7,992</b>	143,220	106	13,705	4,425	578	17,848
Colorado	<b>1,691</b>	22,100	113	1,950	870	95	2,861
Connecticut	<b>4,089</b>	17,399	110	1,695	912	73	4,942
Delaware	<b>527</b>	5,177	113	425	208	16	760

District of Columbia	<b>668</b>	3,715	123	842	646	-	873
Florida	<b>5,502</b>	113,361	108	9,243	2,715	314	12,332
Georgia	<b>2,816</b>	44,361	105	3,402	1,253	111	5,074
Hawaii	<b>22</b>	5,717	98	339	-	20	375
Idaho	<b>151</b>	7,272	102	349	41	25	484
Illinois	<b>6,781</b>	61,467	117	6,728	3,362	178	10,322
Indiana	<b>2,802</b>	34,983	106	3,359	1,156	131	5,132
Iowa	<b>819</b>	15,238	101	1,077	238	84	1,742
Kansas	<b>331</b>	13,312	101	854	144	89	1,130
Kentucky	<b>687</b>	23,333	97	2,126	330	99	2,581
Louisiana	<b>3,258</b>	25,681	113	2,560	1,540	72	4,344
Maine	<b>132</b>	7,456	103	511	27	31	647
Maryland	<b>3,706</b>	29,504	118	3,110	1,373	126	5,553
Massachusetts	<b>7,798</b>	37,139	125	4,956	2,810	163	10,099
Michigan	<b>5,680</b>	55,479	115	5,627	2,778	240	8,764
Minnesota	<b>1,553</b>	23,745	108	1,786	428	121	3,031
Mississippi	<b>1,366</b>	17,625	112	1,837	647	53	2,609
Missouri	<b>1,073</b>	32,016	99	1,952	355	178	2,848
Montana	<b>43</b>	5,108	100	254	-	34	324
Nebraska	<b>299</b>	8,478	100	638	118	28	847
Nevada	<b>668</b>	13,612	105	1,289	496	41	1,502
New Hampshire	<b>393</b>	6,623	108	441	109	30	754
New Jersey	<b>13,898</b>	53,386	144	9,376	6,741	121	16,640
New Mexico	<b>554</b>	9,639	104	756	235	29	1,104
New York <sup>7</sup>	<b>11,302</b>	62,636	126	9,637	5,487	209	15,643
New York City	<b>20,514</b>	53,223	198	10,605	7,896	963	23,353
North Carolina	<b>1,412</b>	39,237	83	2,831	530	227	3,938
North Dakota	<b>110</b>	3,509	99	292	34	20	388
Ohio	<b>2,860</b>	62,142	101	4,068	1,199	261	5,989
Oklahoma	<b>472</b>	18,921	96	1,646	179	109	2,042
Oregon	<b>283</b>	18,078	99	883	94	65	1,136
Pennsylvania	<b>7,351</b>	70,292	104	5,913	2,648	218	10,830
Rhode Island	<b>958</b>	5,695	109	611	369	25	1,225
South							

Carolina	<b>1,162</b>	26,800	110	1,830	449	99	2,641
South Dakota	<b>129</b>	3,975	98	307	56	26	406
Tennessee	<b>841</b>	38,275	103	2,843	335	130	3,479
Texas	<b>5,480</b>	107,191	107	9,208	2,537	346	12,493
Utah	<b>245</b>	9,917	105	555	85	40	755
Vermont	<b>57</b>	3,006	105	158	14	16	217
Virginia	<b>2,193</b>	37,252	109	2,306	748	112	3,861
Washington	<b>1,319</b>	28,997	102	2,224	695	111	2,954
West Virginia	<b>109</b>	8,868	79	643	38	58	772
Wisconsin	<b>861</b>	27,868	106	1,410	145	150	2,274
Wyoming	<b>22</b>	2,335	104	142	-	-	166
Puerto Rico	<b>180</b>	13,166	90	1,628	95	63	1,775

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.

