



# 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: September 25, 2020



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

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 9/19/2020.\***

Updated September 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>190,076</b>	2,041,186	112	193,845	85,701	6,701	303,922
2/1/2020	<b>0</b>	58,580	99	3,796	0	479	4,275
2/8/2020	<b>1</b>	59,299	99	3,798	0	521	4,320
2/15/2020	<b>0</b>	58,703	100	3,827	0	559	4,386
2/22/2020	<b>5</b>	58,738	101	3,699	1	565	4,268
2/29/2020	<b>9</b>	59,176	103	3,822	5	654	4,480
3/7/2020	<b>35</b>	59,565	103	3,959	17	632	4,608
3/14/2020	<b>53</b>	58,531	103	3,961	28	625	4,610
3/21/2020	<b>571</b>	59,094	104	4,538	252	560	5,410
3/28/2020	<b>3,154</b>	62,893	113	6,168	1,425	442	8,289
4/4/2020	<b>10,014</b>	72,149	129	9,906	4,752	478	15,411
4/11/2020	<b>16,173</b>	78,900	142	11,984	7,223	474	21,068
4/18/2020	<b>17,055</b>	76,565	142	11,381	7,299	266	21,214
4/25/2020	<b>15,423</b>	73,645	137	10,355	6,592	144	19,233
5/2/2020	<b>13,134</b>	69,050	129	8,925	5,506	65	16,598
5/9/2020	<b>11,161</b>	66,613	126	7,820	4,703	47	14,315
5/16/2020	<b>9,156</b>	64,256	122	6,747	3,769	21	12,152
5/23/2020	<b>7,151</b>	61,358	118	5,858	2,954	24	10,074
5/30/2020	<b>6,101</b>	59,404	115	5,248	2,472	12	8,889
6/6/2020	<b>4,983</b>	58,587	112	4,864	2,134	11	7,724
6/13/2020	<b>4,185</b>	57,698	111	4,508	1,853	11	6,848

6/20/2020	<b>3,794</b>	57,562	111	4,334	1,593	7	6,541
6/27/2020	<b>3,758</b>	58,051	113	4,217	1,542	11	6,443
7/4/2020	<b>4,435</b>	59,233	114	4,499	1,968	4	6,967
7/11/2020	<b>5,635</b>	61,088	119	5,446	2,667	9	8,423
7/18/2020	<b>6,996</b>	61,987	122	6,053	3,383	12	9,675
7/25/2020	<b>7,960</b>	62,432	123	6,557	3,858	10	10,664
8/1/2020	<b>7,953</b>	61,525	121	6,543	3,905	13	10,597
8/8/2020	<b>7,437</b>	61,359	120	6,489	3,779	9	10,153
8/15/2020	<b>6,729</b>	60,185	118	6,102	3,446	5	9,387
8/22/2020	<b>5,678</b>	57,259	113	5,414	2,889	9	8,209
8/29/2020	<b>4,847</b>	53,947	105	4,787	2,465	11	7,175
9/5/2020	<b>3,641</b>	49,180	96	4,021	1,834	7	5,832
9/12/2020	<b>2,243</b>	41,248	79	2,946	1,099	4	4,093
9/19/2020	<b>606</b>	23,326	45	1,273	288	0	1,591

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 9/19/2020.\***

Updated September 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>190,076</b>	2,041,186	112	193,845	85,701	6,701	303,922

Alabama	<b>3,123</b>	37,639	111	2,901	1,016	100	5,103
Alaska	<b>42</b>	2,704	97	124	24	-	148
Arizona	<b>4,933</b>	48,389	125	5,221	2,815	115	7,454
Arkansas	<b>1,110</b>	22,143	108	1,766	487	77	2,465
California	<b>14,629</b>	192,195	111	19,761	8,194	580	26,774
Colorado	<b>1,940</b>	28,834	114	2,335	994	95	3,371
Connecticut	<b>4,404</b>	22,203	109	1,898	958	73	5,414
Delaware	<b>560</b>	6,495	109	479	218	16	837
District of Columbia	<b>752</b>	4,730	121	968	717	-	1,012
Florida	<b>13,986</b>	155,169	115	15,859	7,482	334	22,673
Georgia	<b>5,651</b>	61,156	112	5,384	2,601	113	8,545
Hawaii	<b>129</b>	7,552	100	467	54	20	562
Idaho	<b>447</b>	9,807	107	545	165	25	852
Illinois	<b>7,659</b>	78,476	115	7,897	3,742	179	11,990
Indiana	<b>3,473</b>	46,329	109	4,240	1,458	133	6,384
Iowa	<b>1,269</b>	20,375	105	1,434	379	84	2,408
Kansas	<b>645</b>	17,745	105	1,177	266	89	1,645
Kentucky	<b>1,154</b>	31,317	101	2,833	540	101	3,545
Louisiana	<b>4,676</b>	34,445	117	3,592	2,283	74	6,053
Maine	<b>157</b>	9,818	104	623	34	31	777
Maryland	<b>4,202</b>	37,659	117	3,668	1,540	126	6,440
Massachusetts	<b>8,049</b>	45,413	119	5,369	2,867	164	10,707
Michigan	<b>6,171</b>	71,132	114	6,553	2,995	242	9,966
Minnesota	<b>1,935</b>	30,760	108	2,193	545	122	3,704
Mississippi	<b>2,680</b>	24,006	118	2,895	1,375	57	4,253
Missouri	<b>1,881</b>	42,942	103	2,723	663	180	4,121
Montana	<b>142</b>	6,794	102	346	52	34	470
Nebraska	<b>462</b>	11,232	103	826	180	28	1,136
Nevada	<b>1,403</b>	18,678	112	2,083	1,061	41	2,466
New Hampshire	<b>418</b>	8,478	106	511	114	30	844
New Jersey	<b>14,287</b>	63,899	134	10,006	6,897	121	17,503
New Mexico	<b>786</b>	12,910	108	972	348	29	1,439
New York <sup>7</sup>	<b>11,620</b>	77,571	121	10,611	5,596	211	16,827
New York City	<b>20,716</b>	61,019	176	11,137	7,955	967	24,033

North Carolina	<b>2,366</b>	53,687	88	3,835	920	230	5,509
North Dakota	<b>185</b>	4,508	99	385	69	20	521
Ohio	<b>4,191</b>	82,462	104	5,448	1,788	263	8,113
Oklahoma	<b>1,041</b>	25,736	101	2,298	398	112	3,046
Oregon	<b>497</b>	23,975	102	1,135	163	65	1,533
Pennsylvania	<b>8,212</b>	93,363	107	7,106	2,932	253	12,635
Rhode Island	<b>1,053</b>	7,302	108	705	401	25	1,382
South Carolina	<b>2,994</b>	36,933	117	3,089	1,270	101	4,911
South Dakota	<b>210</b>	5,263	100	413	90	27	560
Tennessee	<b>2,094</b>	51,806	108	4,232	984	134	5,475
Texas	<b>14,956</b>	149,478	115	16,056	7,578	363	23,784
Utah	<b>450</b>	13,366	109	769	160	40	1,099
Vermont	<b>59</b>	3,852	104	187	14	16	248
Virginia	<b>2,957</b>	48,225	110	3,002	1,061	115	5,011
Washington	<b>1,831</b>	38,553	105	2,861	925	113	3,875
West Virginia	<b>230</b>	13,089	90	936	76	59	1,149
Wisconsin	<b>1,222</b>	36,394	107	1,805	244	150	2,931
Wyoming	<b>37</b>	3,180	109	186	13	-	219
Puerto Rico	<b>522</b>	17,287	91	2,211	316	67	2,481

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.

