



# 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 24, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 24, 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 9/19/2020.\***

Updated September 24, 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>189,574</b>	2,033,736	111	193,319	85,464	6,701	303,131
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	3,826	0	559	4,385
2/22/2020	<b>5</b>	58,738	101	3,700	1	565	4,269
2/29/2020	<b>9</b>	59,176	103	3,822	5	654	4,480
3/7/2020	<b>35</b>	59,564	103	3,959	17	632	4,608
3/14/2020	<b>53</b>	58,519	103	3,960	28	625	4,609
3/21/2020	<b>571</b>	59,073	104	4,538	252	560	5,410
3/28/2020	<b>3,154</b>	62,892	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>	78,897	142	11,984	7,223	474	21,068
4/18/2020	<b>17,055</b>	76,560	142	11,381	7,299	266	21,214
4/25/2020	<b>15,422</b>	73,642	137	10,354	6,592	144	19,231
5/2/2020	<b>13,132</b>	69,044	129	8,923	5,504	65	16,596
5/9/2020	<b>11,159</b>	66,604	126	7,820	4,703	47	14,313
5/16/2020	<b>9,155</b>	64,242	122	6,746	3,769	21	12,150
5/23/2020	<b>7,151</b>	61,349	118	5,858	2,954	24	10,074
5/30/2020	<b>6,101</b>	59,398	115	5,247	2,472	12	8,888
6/6/2020	<b>4,981</b>	58,579	112	4,864	2,134	11	7,722
6/13/2020	<b>4,185</b>	57,689	111	4,506	1,853	11	6,846

6/20/2020	<b>3,794</b>	57,548	111	4,333	1,593	7	6,540
6/27/2020	<b>3,757</b>	58,036	113	4,217	1,542	11	6,442
7/4/2020	<b>4,435</b>	59,225	114	4,499	1,968	4	6,967
7/11/2020	<b>5,634</b>	61,059	119	5,443	2,666	9	8,420
7/18/2020	<b>6,994</b>	61,962	122	6,053	3,383	12	9,673
7/25/2020	<b>7,957</b>	62,402	123	6,555	3,856	10	10,661
8/1/2020	<b>7,942</b>	61,472	121	6,530	3,896	13	10,582
8/8/2020	<b>7,425</b>	61,205	119	6,477	3,773	9	10,135
8/15/2020	<b>6,709</b>	59,939	118	6,088	3,436	5	9,363
8/22/2020	<b>5,660</b>	56,949	112	5,396	2,880	9	8,182
8/29/2020	<b>4,803</b>	53,372	104	4,748	2,446	11	7,111
9/5/2020	<b>3,557</b>	48,305	94	3,951	1,797	7	5,715
9/12/2020	<b>2,086</b>	39,551	76	2,797	1,025	4	3,861
9/19/2020	<b>465</b>	20,014	38	1,076	220	0	1,321

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 24, 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>189,574</b>	2,033,736	111	193,319	85,464	6,701	303,131

Alabama	<b>3,094</b>	37,415	110	2,880	1,006	100	5,063
Alaska	<b>41</b>	2,693	97	124	24	-	147
Arizona	<b>4,932</b>	48,265	125	5,213	2,813	115	7,447
Arkansas	<b>1,110</b>	22,143	108	1,766	487	77	2,465
California	<b>14,543</b>	191,841	111	19,707	8,154	580	26,674
Colorado	<b>1,935</b>	28,705	113	2,329	992	95	3,362
Connecticut	<b>4,401</b>	21,704	107	1,886	957	73	5,400
Delaware	<b>560</b>	6,495	109	479	218	16	837
District of Columbia	<b>752</b>	4,704	120	967	717	-	1,011
Florida	<b>13,871</b>	154,382	115	15,738	7,409	334	22,510
Georgia	<b>5,593</b>	60,761	111	5,347	2,575	113	8,476
Hawaii	<b>122</b>	7,523	100	462	53	20	551
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>3,466</b>	45,709	108	4,210	1,456	133	6,349
Iowa	<b>1,265</b>	20,351	105	1,428	376	84	2,401
Kansas	<b>645</b>	17,706	105	1,175	266	89	1,643
Kentucky	<b>1,146</b>	31,262	101	2,829	539	101	3,534
Louisiana	<b>4,669</b>	34,276	116	3,584	2,279	74	6,042
Maine	<b>155</b>	9,764	104	618	33	31	771
Maryland	<b>4,201</b>	37,651	117	3,667	1,540	126	6,438
Massachusetts	<b>8,049</b>	45,320	118	5,368	2,867	164	10,706
Michigan	<b>6,171</b>	70,975	114	6,547	2,995	242	9,960
Minnesota	<b>1,918</b>	30,633	108	2,183	539	122	3,683
Mississippi	<b>2,672</b>	23,915	118	2,883	1,368	57	4,240
Missouri	<b>1,881</b>	42,930	103	2,723	663	180	4,121
Montana	<b>139</b>	6,652	100	343	50	34	466
Nebraska	<b>453</b>	11,180	102	821	175	28	1,127
Nevada	<b>1,394</b>	18,581	111	2,074	1,055	41	2,454
New Hampshire	<b>418</b>	8,478	106	511	114	30	844
New Jersey	<b>14,267</b>	63,733	134	9,991	6,887	121	17,478
New Mexico	<b>781</b>	12,802	108	968	346	29	1,432
New York <sup>7</sup>	<b>11,615</b>	77,460	121	10,607	5,596	211	16,818
New York City	<b>20,714</b>	61,008	176	11,136	7,954	967	24,031

North Carolina	<b>2,352</b>	53,566	88	3,823	914	230	5,489
North Dakota	<b>185</b>	4,508	99	385	69	20	521
Ohio	<b>4,173</b>	81,067	102	5,393	1,777	263	8,051
Oklahoma	<b>1,038</b>	25,667	101	2,294	398	112	3,039
Oregon	<b>489</b>	23,767	101	1,123	161	65	1,515
Pennsylvania	<b>8,212</b>	92,994	107	7,094	2,932	253	12,623
Rhode Island	<b>1,050</b>	7,284	108	705	401	25	1,379
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>2,055</b>	51,489	107	4,205	973	134	5,420
Texas	<b>14,956</b>	149,478	115	16,056	7,578	363	23,784
Utah	<b>450</b>	13,328	109	767	159	40	1,098
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>1,217</b>	36,222	106	1,797	243	150	2,919
Wyoming	<b>37</b>	3,151	108	183	13	-	216
Puerto Rico	<b>522</b>	17,217	91	2,201	316	67	2,471

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.

