

## 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 31, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 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 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 8/29/2020.\***

Updated August 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>168,864</b>	1,818,702	109	173,259	74,926	6,655	272,867
2/1/2020	<b>0</b>	58,559	99	3,794	0	479	4,273
2/8/2020	<b>1</b>	59,269	99	3,796	0	520	4,317
2/15/2020	<b>0</b>	58,674	100	3,822	0	556	4,378
2/22/2020	<b>5</b>	58,714	101	3,696	1	564	4,264
2/29/2020	<b>9</b>	59,135	103	3,817	5	654	4,475
3/7/2020	<b>35</b>	59,475	103	3,952	17	631	4,600
3/14/2020	<b>52</b>	58,197	102	3,942	27	619	4,585
3/21/2020	<b>571</b>	58,849	104	4,522	252	560	5,394
3/28/2020	<b>3,152</b>	62,812	112	6,162	1,425	441	8,280
4/4/2020	<b>10,000</b>	72,076	129	9,898	4,746	478	15,394
4/11/2020	<b>16,153</b>	78,804	142	11,969	7,214	474	21,042
4/18/2020	<b>17,035</b>	76,465	141	11,369	7,293	266	21,188
4/25/2020	<b>15,391</b>	73,522	137	10,339	6,586	143	19,191
5/2/2020	<b>13,112</b>	68,927	128	8,916	5,498	65	16,575
5/9/2020	<b>11,138</b>	66,488	126	7,804	4,693	47	14,286
5/16/2020	<b>9,136</b>	64,124	122	6,721	3,759	21	12,116
5/23/2020	<b>7,128</b>	61,214	118	5,841	2,948	24	10,040
5/30/2020	<b>6,082</b>	59,212	114	5,226	2,464	12	8,856
6/6/2020	<b>4,950</b>	58,317	111	4,846	2,127	11	7,680
6/13/2020	<b>4,158</b>	57,370	111	4,481	1,848	11	6,799

6/20/2020	<b>3,761</b>	57,132	111	4,302	1,586	7	6,483
6/27/2020	<b>3,716</b>	57,409	112	4,159	1,525	10	6,359
7/4/2020	<b>4,361</b>	58,046	112	4,412	1,941	4	6,833
7/11/2020	<b>5,475</b>	59,052	115	5,284	2,599	9	8,169
7/18/2020	<b>6,744</b>	59,418	116	5,831	3,255	12	9,329
7/25/2020	<b>7,509</b>	59,426	117	6,192	3,617	9	10,089
8/1/2020	<b>7,062</b>	57,718	113	5,936	3,442	11	9,562
8/8/2020	<b>6,217</b>	54,596	106	5,544	3,114	8	8,652
8/15/2020	<b>4,340</b>	47,660	93	4,258	2,162	5	6,438
8/22/2020	<b>1,430</b>	30,877	61	2,070	704	4	2,799
8/29/2020	<b>141</b>	7,165	14	358	78	0	421

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 8/29/2020.\*

Updated August 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>168,864</b>	1,818,702	109	173,259	74,926	6,655	272,867
Alabama	<b>2,502</b>	33,229	107	2,479	788	100	4,288
Alaska	<b>28</b>	2,359	93	102	15	-	121
Arizona	<b>4,491</b>	43,344	122	4,768	2,570	115	6,804

Arkansas	<b>769</b>	19,518	104	1,461	324	77	1,982
California	<b>11,980</b>	170,505	108	17,264	6,694	578	23,126
Colorado	<b>1,849</b>	25,803	112	2,192	959	95	3,172
Connecticut	<b>4,291</b>	19,188	103	1,774	932	73	5,203
Delaware	<b>550</b>	5,976	110	465	217	16	814
District of Columbia	<b>717</b>	4,291	120	914	686	-	954
Florida	<b>10,494</b>	136,885	111	12,771	5,294	324	18,276
Georgia	<b>4,408</b>	53,507	107	4,451	1,970	112	6,999
Hawaii	<b>36</b>	6,634	96	388	15	20	429
Idaho	<b>332</b>	8,543	102	461	118	25	700
Illinois	<b>7,254</b>	71,250	115	7,392	3,560	178	11,261
Indiana	<b>3,163</b>	41,115	106	3,822	1,306	133	5,808
Iowa	<b>1,041</b>	18,096	102	1,258	301	84	2,082
Kansas	<b>491</b>	15,747	102	1,029	210	89	1,399
Kentucky	<b>892</b>	27,623	97	2,484	422	99	3,052
Louisiana	<b>4,096</b>	30,422	113	3,170	1,973	74	5,361
Maine	<b>145</b>	8,709	102	570	30	31	716
Maryland	<b>3,990</b>	33,945	116	3,436	1,467	126	6,069
Massachusetts	<b>7,950</b>	41,597	119	5,183	2,843	164	10,446
Michigan	<b>5,975</b>	64,052	112	6,173	2,904	242	9,481
Minnesota	<b>1,746</b>	27,449	106	2,005	487	121	3,384
Mississippi	<b>2,159</b>	21,283	115	2,477	1,091	54	3,598
Missouri	<b>1,452</b>	37,987	100	2,349	492	178	3,487
Montana	<b>84</b>	5,965	98	294	21	34	391
Nebraska	<b>367</b>	10,025	100	749	141	28	1,003
Nevada	<b>1,105</b>	16,367	107	1,754	837	41	2,063
New Hampshire	<b>414</b>	7,723	106	484	113	30	814
New Jersey	<b>14,096</b>	59,236	136	9,698	6,815	121	17,086
New Mexico	<b>709</b>	11,415	105	892	309	29	1,321
New York <sup>7</sup>	<b>11,496</b>	70,549	120	10,152	5,552	211	16,288
New York City	<b>20,622</b>	56,738	179	10,857	7,932	965	23,679
North Carolina	<b>1,849</b>	46,847	84	3,328	708	229	4,696
North Dakota	<b>138</b>	4,083	98	342	48	20	452
Ohio	<b>3,538</b>	72,568	100	4,789	1,486	262	7,102

Oklahoma	<b>763</b>	22,821	98	2,037	301	110	2,603
Oregon	<b>396</b>	21,295	99	1,018	136	65	1,342
Pennsylvania	<b>7,845</b>	82,887	104	6,566	2,802	245	11,850
Rhode Island	<b>1,006</b>	6,535	106	669	391	25	1,309
South Carolina	<b>2,160</b>	31,313	108	2,485	895	100	3,848
South Dakota	<b>174</b>	4,618	96	369	75	26	494
Tennessee	<b>1,520</b>	45,703	104	3,612	695	134	4,570
Texas	<b>11,845</b>	132,531	111	13,575	5,852	357	19,915
Utah	<b>391</b>	11,909	106	678	137	40	972
Vermont	<b>59</b>	3,491	103	171	14	16	232
Virginia	<b>2,600</b>	43,498	108	2,681	908	114	4,485
Washington	<b>1,632</b>	34,528	102	2,587	837	113	3,490
West Virginia	<b>152</b>	11,722	88	844	51	58	1,003
Wisconsin	<b>1,072</b>	32,532	104	1,624	193	150	2,651
Wyoming	<b>30</b>	2,746	103	166	-	-	196
Puerto Rico	<b>308</b>	14,462	84	1,819	177	64	2,012

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.

