

## 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: Aug 3, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 3, 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 8/1/2020.\***

Updated Aug 3, 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>139,037</b>	1,565,571	107	147,502	60,379	6,581	231,774
2/1/2020	<b>0</b>	58,455	99	3,785	0	479	4,264
2/8/2020	<b>1</b>	59,206	99	3,788	0	520	4,309
2/15/2020	<b>0</b>	58,518	99	3,812	0	555	4,367
2/22/2020	<b>5</b>	58,591	101	3,679	1	563	4,246
2/29/2020	<b>7</b>	58,917	103	3,803	4	649	4,455
3/7/2020	<b>35</b>	59,072	102	3,931	17	628	4,576
3/14/2020	<b>52</b>	57,873	101	3,917	27	612	4,553
3/21/2020	<b>565</b>	58,641	103	4,509	251	551	5,367
3/28/2020	<b>3,146</b>	62,637	112	6,148	1,422	440	8,262
4/4/2020	<b>9,947</b>	71,878	129	9,865	4,729	477	15,324
4/11/2020	<b>16,089</b>	78,633	142	11,933	7,194	472	20,960
4/18/2020	<b>16,985</b>	76,305	141	11,347	7,280	265	21,128
4/25/2020	<b>15,327</b>	73,313	136	10,309	6,570	143	19,113
5/2/2020	<b>13,044</b>	68,702	128	8,880	5,480	65	16,489
5/9/2020	<b>11,056</b>	66,188	126	7,757	4,667	47	14,183
5/16/2020	<b>9,055</b>	63,754	122	6,665	3,730	20	12,007
5/23/2020	<b>7,069</b>	60,770	117	5,788	2,935	23	9,941
5/30/2020	<b>6,027</b>	58,577	113	5,168	2,441	11	8,765
6/6/2020	<b>4,894</b>	57,298	109	4,775	2,102	11	7,578
6/13/2020	<b>4,097</b>	55,705	107	4,371	1,823	11	6,653

6/20/2020	<b>3,673</b>	54,819	106	4,153	1,553	5	6,278
6/27/2020	<b>3,534</b>	54,034	105	3,926	1,452	10	6,017
7/4/2020	<b>3,957</b>	53,583	103	4,026	1,751	3	6,233
7/11/2020	<b>4,450</b>	52,757	102	4,512	2,118	7	6,851
7/18/2020	<b>4,081</b>	47,169	92	3,971	1,922	10	6,138
7/25/2020	<b>1,780</b>	32,252	63	2,265	825	4	3,222
8/1/2020	<b>161</b>	7,924	15	419	85	0	495

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 8/1/2020.\***

Updated Aug 3, 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>139,037</b>	1,565,571	107	147,502	60,379	6,581	231,774
Alabama	<b>1,485</b>	27,735	102	1,917	449	96	3,045
Alaska	<b>14</b>	1,979	90	83	-	-	96
Arizona	<b>3,195</b>	36,798	118	3,769	1,803	114	5,275
Arkansas	<b>452</b>	16,592	101	1,160	185	76	1,503
California	<b>8,103</b>	145,138	104	13,856	4,484	578	18,051
Colorado	<b>1,710</b>	22,348	110	1,975	881	95	2,894
Connecticut	<b>4,089</b>	17,399	106	1,695	912	73	4,942

Delaware	<b>527</b>	5,192	109	425	208	16	760
District of Columbia	<b>670</b>	3,764	120	844	648	-	875
Florida	<b>5,527</b>	114,992	106	9,336	2,736	314	12,429
Georgia	<b>2,859</b>	44,761	102	3,433	1,271	111	5,130
Hawaii	<b>23</b>	5,780	95	343	-	20	379
Idaho	<b>156</b>	7,351	100	357	45	25	493
Illinois	<b>6,785</b>	62,502	115	6,782	3,366	178	10,376
Indiana	<b>2,832</b>	35,908	105	3,417	1,166	132	5,211
Iowa	<b>839</b>	15,546	100	1,094	246	84	1,771
Kansas	<b>339</b>	13,473	99	870	148	89	1,150
Kentucky	<b>696</b>	23,557	95	2,155	336	99	2,613
Louisiana	<b>3,330</b>	26,059	111	2,609	1,581	72	4,424
Maine	<b>134</b>	7,566	101	516	28	31	653
Maryland	<b>3,741</b>	29,938	116	3,145	1,383	126	5,613
Massachusetts	<b>7,798</b>	37,387	121	4,967	2,810	163	10,110
Michigan	<b>5,692</b>	56,022	112	5,654	2,783	240	8,798
Minnesota	<b>1,563</b>	23,998	106	1,802	429	121	3,056
Mississippi	<b>1,405</b>	17,890	110	1,871	666	53	2,663
Missouri	<b>1,086</b>	32,492	97	1,981	358	178	2,887
Montana	<b>43</b>	5,129	96	255	-	34	325
Nebraska	<b>300</b>	8,494	97	638	118	28	848
Nevada	<b>687</b>	13,790	102	1,313	510	41	1,531
New Hampshire	<b>394</b>	6,756	106	444	110	30	757
New Jersey	<b>13,930</b>	54,087	141	9,412	6,748	121	16,701
New Mexico	<b>572</b>	9,753	102	770	245	29	1,126
New York <sup>7</sup>	<b>11,321</b>	63,399	123	9,682	5,495	209	15,699
New York City	<b>20,520</b>	53,723	193	10,641	7,897	963	23,394
North Carolina	<b>1,412</b>	39,237	80	2,831	530	227	3,938
North Dakota	<b>118</b>	3,623	99	300	34	20	404
Ohio	<b>2,864</b>	62,278	98	4,072	1,200	261	5,996
Oklahoma	<b>483</b>	19,348	94	1,678	187	110	2,078
Oregon	<b>293</b>	18,273	96	892	98	65	1,151
Pennsylvania	<b>7,398</b>	71,723	102	5,983	2,661	221	10,937
Rhode Island	<b>971</b>	5,755	106	617	371	25	1,242

South Carolina	<b>1,162</b>	26,801	106	1,830	449	99	2,641
South Dakota	<b>129</b>	3,975	94	307	56	26	406
Tennessee	<b>886</b>	38,804	101	2,902	360	131	3,558
Texas	<b>5,672</b>	109,341	105	9,405	2,629	346	12,790
Utah	<b>247</b>	10,070	102	565	87	40	765
Vermont	<b>57</b>	3,069	103	163	14	16	222
Virginia	<b>2,199</b>	37,544	106	2,318	749	112	3,878
Washington	<b>1,319</b>	28,997	98	2,224	695	111	2,954
West Virginia	<b>109</b>	8,886	76	643	38	58	772
Wisconsin	<b>879</b>	28,198	103	1,419	148	150	2,298
Wyoming	<b>22</b>	2,351	101	142	-	-	166
Puerto Rico	<b>187</b>	13,337	88	1,652	99	64	1,802

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.