



# 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 11, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 11, 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 8/8/2020.\***

Updated August 11, 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>146,414</b>	1,636,992	108	154,065	63,833	6,600	242,274
2/1/2020	<b>0</b>	58,474	99	3,788	0	479	4,267
2/8/2020	<b>1</b>	59,225	99	3,791	0	520	4,312
2/15/2020	<b>0</b>	58,584	100	3,814	0	555	4,369
2/22/2020	<b>5</b>	58,635	101	3,684	1	564	4,252
2/29/2020	<b>8</b>	59,037	103	3,810	4	652	4,466
3/7/2020	<b>35</b>	59,308	103	3,941	17	630	4,588
3/14/2020	<b>52</b>	58,000	102	3,922	27	612	4,558
3/21/2020	<b>566</b>	58,670	103	4,512	251	551	5,371
3/28/2020	<b>3,149</b>	62,673	112	6,151	1,424	440	8,266
4/4/2020	<b>9,961</b>	71,918	129	9,873	4,731	477	15,344
4/11/2020	<b>16,122</b>	78,678	142	11,946	7,205	473	20,995
4/18/2020	<b>17,015</b>	76,356	141	11,356	7,287	265	21,160
4/25/2020	<b>15,361</b>	73,382	136	10,321	6,582	143	19,147
5/2/2020	<b>13,087</b>	68,812	128	8,899	5,495	65	16,536
5/9/2020	<b>11,100</b>	66,332	126	7,781	4,682	47	14,236
5/16/2020	<b>9,100</b>	63,956	122	6,697	3,747	20	12,067
5/23/2020	<b>7,093</b>	60,996	117	5,807	2,938	23	9,981
5/30/2020	<b>6,044</b>	58,929	114	5,192	2,449	12	8,799
6/6/2020	<b>4,924</b>	57,943	111	4,808	2,113	11	7,630
6/13/2020	<b>4,122</b>	56,813	110	4,436	1,839	11	6,727

6/20/2020	<b>3,699</b>	56,078	109	4,226	1,561	6	6,370
6/27/2020	<b>3,616</b>	55,562	108	4,026	1,484	10	6,167
7/4/2020	<b>4,118</b>	55,501	107	4,189	1,828	4	6,480
7/11/2020	<b>4,921</b>	55,689	108	4,859	2,334	7	7,453
7/18/2020	<b>5,465</b>	53,885	105	4,947	2,596	11	7,824
7/25/2020	<b>4,602</b>	48,430	95	4,300	2,174	7	6,732
8/1/2020	<b>2,016</b>	34,885	68	2,437	950	5	3,507
8/8/2020	<b>232</b>	10,241	20	552	114	0	670

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 8/8/2020.\*

Updated August 11, 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>146,414</b>	1,636,992	108	154,065	63,833	6,600	242,274
Alabama	<b>1,785</b>	29,348	104	2,063	537	99	3,404
Alaska	<b>17</b>	2,068	91	88	-	-	102
Arizona	<b>3,570</b>	38,465	119	4,055	2,037	114	5,702
Arkansas	<b>530</b>	17,293	102	1,231	221	76	1,616
California	<b>9,334</b>	152,851	106	14,917	5,178	578	19,649
Colorado	<b>1,751</b>	23,298	111	2,040	903	95	2,978

Connecticut	<b>4,173</b>	18,241	108	1,735	926	73	5,052
Delaware	<b>533</b>	5,377	109	429	211	16	767
District of Columbia	<b>680</b>	3,914	121	858	654	-	893
Florida	<b>6,686</b>	120,290	107	10,101	3,292	315	13,798
Georgia	<b>3,211</b>	47,204	104	3,664	1,432	111	5,552
Hawaii	<b>23</b>	6,041	96	356	-	20	392
Idaho	<b>205</b>	7,699	101	387	67	25	550
Illinois	<b>6,971</b>	65,073	115	7,006	3,455	178	10,697
Indiana	<b>2,911</b>	37,404	106	3,525	1,196	133	5,369
Iowa	<b>888</b>	16,326	101	1,142	262	84	1,852
Kansas	<b>378</b>	14,130	100	910	162	89	1,215
Kentucky	<b>737</b>	24,690	96	2,228	351	99	2,712
Louisiana	<b>3,522</b>	27,210	112	2,740	1,673	72	4,655
Maine	<b>138</b>	7,911	102	532	29	31	672
Maryland	<b>3,814</b>	31,126	117	3,235	1,409	126	5,750
Massachusetts	<b>7,857</b>	38,537	121	5,028	2,822	163	10,218
Michigan	<b>5,811</b>	58,529	113	5,822	2,829	240	9,039
Minnesota	<b>1,606</b>	24,996	106	1,847	437	121	3,136
Mississippi	<b>1,560</b>	18,680	111	2,006	747	53	2,872
Missouri	<b>1,185</b>	34,025	98	2,061	387	178	3,037
Montana	<b>50</b>	5,319	96	260	-	34	337
Nebraska	<b>310</b>	8,844	97	664	118	28	884
Nevada	<b>789</b>	14,533	104	1,422	584	41	1,668
New Hampshire	<b>401</b>	7,021	107	455	110	30	775
New Jersey	<b>13,954</b>	55,204	139	9,475	6,759	121	16,777
New Mexico	<b>611</b>	10,237	104	805	259	29	1,186
New York <sup>7</sup>	<b>11,366</b>	65,323	122	9,809	5,507	210	15,860
New York City	<b>20,562</b>	54,922	191	10,727	7,914	964	23,506
North Carolina	<b>1,440</b>	42,857	84	3,000	541	228	4,125
North Dakota	<b>128</b>	3,780	100	322	41	20	429
Ohio	<b>3,047</b>	65,811	100	4,323	1,278	261	6,352
Oklahoma	<b>536</b>	19,575	92	1,709	209	110	2,140
Oregon	<b>319</b>	19,145	98	929	106	65	1,206
Pennsylvania	<b>7,529</b>	74,922	103	6,144	2,705	226	11,190

Rhode Island	<b>983</b>	5,885	105	628	377	25	1,259
South Carolina	<b>1,689</b>	29,268	111	2,163	674	100	3,276
South Dakota	<b>151</b>	4,293	98	336	68	26	445
Tennessee	<b>1,040</b>	40,745	102	3,084	445	132	3,810
Texas	<b>6,489</b>	113,806	105	10,005	3,049	348	13,787
Utah	<b>311</b>	10,503	103	596	107	40	840
Vermont	<b>58</b>	3,157	102	166	14	16	226
Virginia	<b>2,323</b>	39,353	108	2,430	798	113	4,066
Washington	<b>1,374</b>	30,656	100	2,310	721	112	3,070
West Virginia	<b>112</b>	9,260	77	674	39	58	805
Wisconsin	<b>941</b>	29,380	104	1,476	162	150	2,403
Wyoming	<b>25</b>	2,467	102	147	-	-	173
Puerto Rico	<b>210</b>	13,662	87	1,689	114	64	1,847

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.

