

## 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 7, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 7, 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 August 7, 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>144,073</b>	1,606,681	110	151,596	62,719	6,596	238,576
2/1/2020	<b>0</b>	58,462	99	3,786	0	479	4,265
2/8/2020	<b>1</b>	59,217	99	3,791	0	520	4,312
2/15/2020	<b>0</b>	58,530	99	3,812	0	555	4,367
2/22/2020	<b>5</b>	58,614	101	3,683	1	563	4,250
2/29/2020	<b>7</b>	58,986	103	3,810	4	652	4,465
3/7/2020	<b>35</b>	59,210	102	3,934	17	629	4,580
3/14/2020	<b>52</b>	57,930	101	3,919	27	612	4,555
3/21/2020	<b>565</b>	58,660	103	4,512	251	551	5,370
3/28/2020	<b>3,148</b>	62,658	112	6,151	1,423	440	8,266
4/4/2020	<b>9,954</b>	71,906	129	9,872	4,731	477	15,336
4/11/2020	<b>16,106</b>	78,663	142	11,940	7,199	472	20,979
4/18/2020	<b>17,005</b>	76,345	141	11,353	7,284	265	21,150
4/25/2020	<b>15,354</b>	73,368	136	10,318	6,579	143	19,140
5/2/2020	<b>13,078</b>	68,786	128	8,897	5,494	65	16,526
5/9/2020	<b>11,095</b>	66,303	126	7,778	4,681	47	14,229
5/16/2020	<b>9,095</b>	63,921	122	6,693	3,745	20	12,060
5/23/2020	<b>7,087</b>	60,932	117	5,805	2,937	23	9,974
5/30/2020	<b>6,038</b>	58,847	114	5,182	2,445	12	8,787
6/6/2020	<b>4,920</b>	57,776	110	4,802	2,111	11	7,622
6/13/2020	<b>4,118</b>	56,494	109	4,419	1,836	11	6,709

6/20/2020	<b>3,696</b>	55,609	108	4,192	1,560	6	6,334
6/27/2020	<b>3,604</b>	54,818	107	3,980	1,480	10	6,113
7/4/2020	<b>4,095</b>	54,667	105	4,137	1,817	4	6,416
7/11/2020	<b>4,839</b>	54,904	107	4,785	2,292	7	7,339
7/18/2020	<b>5,230</b>	52,467	102	4,772	2,486	11	7,524
7/25/2020	<b>3,846</b>	44,290	87	3,748	1,798	7	5,800
8/1/2020	<b>1,100</b>	24,318	47	1,525	521	4	2,108

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 August 7, 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>144,073</b>	1,606,681	110	151,596	62,719	6,596	238,576
Alabama	<b>1,653</b>	28,761	105	2,005	496	98	3,255
Alaska	<b>15</b>	2,017	92	84	-	-	97
Arizona	<b>3,497</b>	37,889	121	3,991	1,992	114	5,610
Arkansas	<b>509</b>	17,118	104	1,218	216	76	1,587
California	<b>8,757</b>	148,878	107	14,415	4,852	578	18,896
Colorado	<b>1,736</b>	22,885	113	2,014	896	95	2,944
Connecticut	<b>4,154</b>	18,241	111	1,734	921	73	5,037

Delaware	<b>531</b>	5,237	110	428	210	16	765
District of Columbia	<b>677</b>	3,863	123	855	653	-	888
Florida	<b>6,515</b>	118,462	109	9,938	3,198	315	13,558
Georgia	<b>3,102</b>	46,403	106	3,582	1,373	111	5,420
Hawaii	<b>23</b>	5,941	98	350	-	20	386
Idaho	<b>196</b>	7,599	103	383	63	25	541
Illinois	<b>6,928</b>	63,762	117	6,899	3,433	178	10,569
Indiana	<b>2,897</b>	36,943	108	3,496	1,192	133	5,330
Iowa	<b>872</b>	15,947	103	1,122	256	84	1,822
Kansas	<b>363</b>	13,864	102	893	156	89	1,189
Kentucky	<b>726</b>	24,237	97	2,200	349	99	2,675
Louisiana	<b>3,474</b>	26,844	114	2,710	1,654	72	4,596
Maine	<b>137</b>	7,752	103	525	29	31	664
Maryland	<b>3,785</b>	30,549	118	3,194	1,400	126	5,689
Massachusetts	<b>7,849</b>	38,117	123	5,009	2,821	163	10,192
Michigan	<b>5,793</b>	57,608	115	5,777	2,823	240	8,982
Minnesota	<b>1,584</b>	24,523	108	1,825	434	121	3,095
Mississippi	<b>1,511</b>	18,374	113	1,958	726	53	2,796
Missouri	<b>1,150</b>	33,050	99	2,010	374	178	2,964
Montana	<b>50</b>	5,302	99	258	-	34	335
Nebraska	<b>310</b>	8,826	100	662	118	28	882
Nevada	<b>745</b>	14,266	106	1,373	549	41	1,610
New Hampshire	<b>398</b>	6,880	108	446	110	30	763
New Jersey	<b>13,933</b>	54,502	142	9,430	6,750	121	16,720
New Mexico	<b>591</b>	10,064	105	794	252	29	1,162
New York <sup>7</sup>	<b>11,354</b>	64,510	125	9,749	5,502	210	15,793
New York City	<b>20,547</b>	54,191	195	10,672	7,906	964	23,444
North Carolina	<b>1,439</b>	40,979	83	2,906	540	228	4,031
North Dakota	<b>118</b>	3,683	101	307	34	20	411
Ohio	<b>2,989</b>	64,666	102	4,239	1,249	261	6,239
Oklahoma	<b>536</b>	19,573	96	1,707	209	110	2,138
Oregon	<b>308</b>	18,814	99	918	102	65	1,188
Pennsylvania	<b>7,456</b>	73,127	104	6,051	2,679	224	11,048
Rhode Island	<b>978</b>	5,830	108	626	376	25	1,253

South Carolina	<b>1,437</b>	28,120	111	1,997	560	99	2,972
South Dakota	<b>138</b>	4,160	98	323	61	26	426
Tennessee	<b>969</b>	39,843	104	2,997	401	132	3,696
Texas	<b>6,292</b>	111,762	107	9,826	2,961	348	13,499
Utah	<b>296</b>	10,451	106	592	104	40	824
Vermont	<b>58</b>	3,125	105	165	14	16	225
Virginia	<b>2,277</b>	38,377	109	2,381	780	113	3,989
Washington	<b>1,368</b>	30,299	102	2,297	718	112	3,054
West Virginia	<b>111</b>	9,122	78	666	39	58	796
Wisconsin	<b>918</b>	28,905	106	1,454	158	150	2,362
Wyoming	<b>23</b>	2,440	105	145	-	-	169
Puerto Rico	<b>194</b>	13,569	90	1,673	105	64	1,824

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.