



## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

### Contents

#### **Daily Updates of Totals by Week and State**

[Weekly Updates by Select Demographic and Geographic Characteristics](#)

[Excess Deaths Associated with COVID-19](#)

[Technical Notes](#)

Updated: July 17, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 17, 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.

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 7/11/2020.\*

Updated July 17, 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>126,647</b>	1,420,658	108	135,158	54,649	6,539	212,737
2/1/2020	<b>0</b>	58,347	98	3,778	0	479	4,257
2/8/2020	<b>1</b>	59,106	99	3,780	0	519	4,300
2/15/2020	<b>0</b>	58,386	99	3,807	0	554	4,361
2/22/2020	<b>5</b>	58,403	100	3,666	1	562	4,232
2/29/2020	<b>6</b>	58,566	102	3,779	3	643	4,425
3/7/2020	<b>34</b>	58,680	101	3,911	16	624	4,552
3/14/2020	<b>52</b>	57,723	101	3,903	27	612	4,539
3/21/2020	<b>563</b>	58,581	103	4,499	250	549	5,354
3/28/2020	<b>3,136</b>	62,570	112	6,131	1,415	440	8,242
4/4/2020	<b>9,917</b>	71,780	128	9,848	4,721	477	15,285
4/11/2020	<b>16,040</b>	78,480	142	11,909	7,182	472	20,899
4/18/2020	<b>16,935</b>	76,165	141	11,315	7,266	263	21,060
4/25/2020	<b>15,285</b>	73,114	136	10,279	6,553	143	19,058
5/2/2020	<b>13,008</b>	68,362	127	8,848	5,471	65	16,430
5/9/2020	<b>11,001</b>	65,626	124	7,710	4,649	46	14,099
5/16/2020	<b>8,990</b>	62,963	120	6,609	3,710	19	11,905
5/23/2020	<b>7,012</b>	59,717	115	5,721	2,917	22	9,834
5/30/2020	<b>5,966</b>	57,009	110	5,077	2,417	10	8,636
6/6/2020	<b>4,806</b>	55,526	105	4,656	2,067	11	7,406
6/13/2020	<b>3,972</b>	53,681	103	4,208	1,768	11	6,420
6/20/2020	<b>3,418</b>	51,898	99	3,902	1,447	5	5,878
6/27/2020	<b>2,939</b>	49,033	94	3,436	1,210	9	5,174
7/4/2020	<b>2,462</b>	42,219	81	2,825	1,071	2	4,217
7/11/2020	<b>1,099</b>	24,723	48	1,561	488	2	2,174

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 7/11/2020.\***

Updated July 17, 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>126,647</b>	1,420,658	108	135,158	54,649	6,539	212,737
Alabama	<b>1,158</b>	25,006	102	1,706	354	95	2,602
Alaska	<b>11</b>	1,805	91	79	-	-	90
Arizona	<b>2,158</b>	32,481	116	2,959	1,168	114	4,063
Arkansas	<b>326</b>	14,818	101	1,015	130	75	1,286
California	<b>6,671</b>	131,701	105	12,386	3,690	577	15,943
Colorado	<b>1,615</b>	20,360	112	1,858	836	95	2,727
Connecticut	<b>3,938</b>	15,291	104	1,595	890	73	4,713
Delaware	<b>512</b>	4,545	107	396	195	16	729
District of Columbia	<b>629</b>	3,415	122	802	616	-	824
Florida	<b>3,840</b>	102,808	106	8,002	1,944	310	10,198
Georgia	<b>2,446</b>	40,603	104	3,089	1,087	110	4,557
Hawaii	<b>19</b>	5,264	97	316	-	20	349
Idaho	<b>97</b>	6,280	95	304	27	25	399
Illinois	<b>6,592</b>	57,376	117	6,501	3,290	176	9,976

Indiana	<b>2,641</b>	32,433	106	3,169	1,102	131	4,835
Iowa	<b>770</b>	14,162	101	1,017	224	84	1,647
Kansas	<b>302</b>	12,275	100	818	139	89	1,070
Kentucky	<b>622</b>	21,315	95	1,978	307	98	2,390
Louisiana	<b>3,029</b>	23,524	112	2,365	1,430	71	4,030
Maine	<b>124</b>	6,883	102	485	26	31	614
Maryland	<b>3,567</b>	27,533	119	2,967	1,326	126	5,318
Massachusetts	<b>7,701</b>	34,964	126	4,827	2,781	162	9,901
Michigan	<b>5,552</b>	51,004	114	5,394	2,728	240	8,453
Minnesota	<b>1,455</b>	21,990	108	1,673	405	121	2,843
Mississippi	<b>1,146</b>	16,031	110	1,622	532	52	2,288
Missouri	<b>987</b>	29,375	98	1,829	327	176	2,665
Montana	<b>27</b>	4,673	99	233	-	34	289
Nebraska	<b>277</b>	7,850	100	597	105	28	797
Nevada	<b>525</b>	12,400	103	1,123	388	41	1,301
New Hampshire	<b>376</b>	6,140	109	418	103	30	720
New Jersey	<b>13,749</b>	50,742	148	9,202	6,685	121	16,373
New Mexico	<b>478</b>	8,640	100	682	198	29	991
New York <sup>7</sup>	<b>11,169</b>	58,929	127	9,341	5,435	209	15,266
New York City	<b>20,423</b>	51,295	206	10,449	7,867	961	23,135
North Carolina	<b>1,214</b>	34,952	79	2,529	453	226	3,514
North Dakota	<b>103</b>	3,257	99	273	29	20	367
Ohio	<b>2,624</b>	57,197	100	3,766	1,091	260	5,558
Oklahoma	<b>400</b>	17,481	95	1,520	152	108	1,870
Oregon	<b>241</b>	16,646	98	818	83	65	1,040
Pennsylvania	<b>7,130</b>	64,260	102	5,600	2,578	209	10,357
Rhode Island	<b>926</b>	5,338	110	591	359	25	1,183
South Carolina	<b>830</b>	24,275	107	1,584	322	99	2,190
South Dakota	<b>105</b>	3,589	95	279	45	26	365
Tennessee	<b>619</b>	35,055	102	2,564	239	129	3,073
Texas	<b>3,116</b>	95,505	102	7,496	1,368	342	9,582
Utah	<b>191</b>	8,880	101	504	67	40	668
Vermont	<b>57</b>	2,783	104	152	14	16	211

Virginia	<b>2,032</b>	34,325	109	2,132	688	111	3,585
Washington	<b>1,199</b>	26,702	101	2,064	635	111	2,734
West Virginia	<b>102</b>	8,677	83	634	33	58	761
Wisconsin	<b>808</b>	25,693	105	1,322	134	150	2,144
Wyoming	<b>18</b>	2,132	103	133	-	-	153
Puerto Rico	<b>153</b>	12,064	77	1,522	80	61	1,655

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.

