



## 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: July 6, 2020



Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 6, 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 7/4/2020.\*

Updated July 6, 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>113,303</b>	1,303,071	102	124,361	49,051	6,483	194,156
2/1/2020	<b>0</b>	58,256	98	3,769	0	478	4,247
2/8/2020	<b>1</b>	58,958	99	3,764	0	518	4,283
2/15/2020	<b>0</b>	58,133	99	3,783	0	552	4,335
2/22/2020	<b>5</b>	57,996	100	3,643	1	559	4,206
2/29/2020	<b>5</b>	58,287	101	3,769	3	639	4,410
3/7/2020	<b>33</b>	58,553	101	3,901	16	622	4,539
3/14/2020	<b>52</b>	57,479	101	3,887	27	611	4,522
3/21/2020	<b>553</b>	58,133	102	4,477	247	543	5,319
3/28/2020	<b>3,058</b>	62,162	111	6,065	1,377	440	8,136
4/4/2020	<b>9,521</b>	71,110	127	9,657	4,551	463	14,867
4/11/2020	<b>15,719</b>	77,935	140	11,758	7,045	469	20,563
4/18/2020	<b>16,374</b>	75,313	140	11,023	6,995	261	20,477
4/25/2020	<b>14,144</b>	71,573	133	9,752	6,053	143	17,890
5/2/2020	<b>11,718</b>	66,487	123	8,302	4,966	62	15,096
5/9/2020	<b>10,808</b>	64,577	122	7,573	4,582	46	13,836
5/16/2020	<b>8,856</b>	61,546	116	6,494	3,665	19	11,701
5/23/2020	<b>6,820</b>	57,899	110	5,566	2,850	21	9,554
5/30/2020	<b>5,681</b>	54,746	105	4,861	2,311	10	8,241
6/6/2020	<b>4,345</b>	52,764	99	4,361	1,899	10	6,817
6/13/2020	<b>3,228</b>	49,036	91	3,639	1,434	10	5,440
6/20/2020	<b>1,847</b>	40,714	70	2,695	790	5	3,757
6/27/2020	<b>464</b>	26,069	39	1,343	203	2	1,606
7/4/2020	<b>71</b>	5,345	7	279	36	0	314

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 7/4/2020.\***

Updated July 6, 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>113,303</b>	1,303,071	102	124,361	49,051	6,483	194,156
Alabama	<b>961</b>	22,867	92	1,547	284	95	2,316
Alaska	<b>11</b>	1,649	85	78	-	-	89
Arizona	<b>1,371</b>	29,024	108	2,350	723	113	3,111
Arkansas	<b>238</b>	13,721	95	929	90	75	1,152
California	<b>5,282</b>	120,333	100	11,081	2,928	576	14,010
Colorado	<b>1,542</b>	19,057	108	1,780	797	95	2,615
Connecticut	<b>3,478</b>	12,401	88	1,364	800	71	4,111
Delaware	<b>472</b>	4,152	93	359	178	16	669
District of Columbia	<b>556</b>	3,133	112	720	549	-	736
Florida	<b>3,078</b>	94,817	96	7,272	1,586	308	9,063
Georgia	<b>2,084</b>	36,845	94	2,809	940	109	4,061
Hawaii	<b>16</b>	4,859	94	300	-	20	330
Idaho	<b>91</b>	6,113	96	296	26	25	386
Illinois	<b>6,104</b>	53,503	114	6,123	3,081	176	9,319
Indiana	<b>2,441</b>	29,982	102	2,964	1,022	131	4,510

Iowa	<b>684</b>	13,015	96	965	201	84	1,532
Kansas	<b>249</b>	11,205	95	751	107	89	982
Kentucky	<b>525</b>	19,414	90	1,794	265	97	2,150
Louisiana	<b>2,675</b>	21,615	107	2,124	1,246	71	3,619
Maine	<b>108</b>	6,358	98	456	25	31	570
Maryland	<b>3,223</b>	25,377	114	2,742	1,210	125	4,864
Massachusetts	<b>7,247</b>	32,544	121	4,579	2,629	161	9,350
Michigan	<b>5,239</b>	47,316	110	5,131	2,591	240	8,014
Minnesota	<b>1,325</b>	20,211	103	1,561	376	121	2,630
Mississippi	<b>938</b>	14,730	100	1,471	441	51	2,019
Missouri	<b>860</b>	26,719	93	1,690	290	176	2,436
Montana	<b>20</b>	4,156	88	213	-	34	263
Nebraska	<b>221</b>	6,971	92	530	80	28	699
Nevada	<b>456</b>	11,345	98	1,018	335	39	1,178
New Hampshire	<b>345</b>	5,716	104	398	98	30	674
New Jersey	<b>12,845</b>	46,902	137	8,700	6,310	118	15,339
New Mexico	<b>402</b>	7,769	93	613	170	29	874
New York <sup>7</sup>	<b>10,452</b>	54,738	123	8,773	5,100	207	14,315
New York City	<b>19,127</b>	48,306	201	9,878	7,402	945	21,731
North Carolina	<b>863</b>	31,965	72	2,218	321	225	2,983
North Dakota	<b>75</b>	2,796	89	229	25	19	298
Ohio	<b>2,269</b>	51,256	92	3,410	950	254	4,982
Oklahoma	<b>372</b>	16,086	90	1,421	143	108	1,752
Oregon	<b>201</b>	15,102	92	755	73	64	946
Pennsylvania	<b>6,635</b>	58,304	96	5,196	2,426	200	9,602
Rhode Island	<b>843</b>	4,875	104	538	329	25	1,077
South Carolina	<b>661</b>	22,028	101	1,432	261	98	1,929
South Dakota	<b>85</b>	3,271	83	262	38	26	335
Tennessee	<b>495</b>	32,120	97	2,354	191	127	2,785
Texas	<b>2,257</b>	88,650	98	6,769	990	341	8,373
Utah	<b>157</b>	8,366	95	465	57	40	605
Vermont	<b>56</b>	2,594	100	147	14	16	205
Virginia	<b>1,724</b>	30,559	99	1,921	589	111	3,165

Washington	<b>1,112</b>	24,841	98	1,938	591	111	2,565
West Virginia	<b>94</b>	7,871	78	585	30	58	707
Wisconsin	<b>720</b>	23,590	100	1,239	120	150	1,987
Wyoming	<b>18</b>	1,934	96	123	-	-	143
Puerto Rico	<b>141</b>	11,236	93	1,436	74	61	1,563

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.

