

## 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: June 19, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of June 19, 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 6/13/2020.\*

Updated June 19, 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>105,215</b>	1,174,273	106	114,631	45,524	6,426	179,815
2/1/2020	<b>1</b>	57,965	98	3,753	0	476	4,230
2/8/2020	<b>1</b>	58,480	98	3,736	0	514	4,251
2/15/2020	<b>0</b>	57,757	98	3,758	0	546	4,304
2/22/2020	<b>4</b>	57,833	100	3,636	1	557	4,196
2/29/2020	<b>5</b>	58,218	101	3,760	3	637	4,399
3/7/2020	<b>32</b>	58,477	101	3,891	16	619	4,525
3/14/2020	<b>52</b>	57,364	101	3,879	27	608	4,511
3/21/2020	<b>548</b>	58,001	102	4,457	245	542	5,296
3/28/2020	<b>3,041</b>	61,967	111	6,037	1,372	438	8,094
4/4/2020	<b>9,490</b>	70,584	126	9,600	4,541	460	14,786
4/11/2020	<b>15,670</b>	77,053	139	11,679	7,020	466	20,457
4/18/2020	<b>16,309</b>	74,374	137	10,940	6,973	260	20,350
4/25/2020	<b>14,051</b>	70,362	131	9,645	6,018	142	17,724
5/2/2020	<b>11,575</b>	65,182	121	8,149	4,901	60	14,863
5/9/2020	<b>10,591</b>	62,740	119	7,373	4,479	46	13,522
5/16/2020	<b>8,543</b>	58,969	112	6,247	3,541	19	11,265
5/23/2020	<b>6,388</b>	54,640	105	5,232	2,691	18	8,947
5/30/2020	<b>4,996</b>	50,199	97	4,350	2,032	10	7,324
6/6/2020	<b>3,114</b>	42,198	80	3,215	1,321	7	5,015
6/13/2020	<b>804</b>	21,910	42	1,294	343	1	1,756

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 6/13/2020.\***

Updated June 19, 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>105,215</b>	1,174,273	106	114,631	45,524	6,426	179,815
Alabama	<b>780</b>	20,302	99	1,365	234	92	2,000
Alaska	-	1,450	88	67	-	-	77
Arizona	<b>976</b>	25,439	108	1,983	502	111	2,568
Arkansas	<b>155</b>	12,085	97	818	55	75	993
California	<b>4,513</b>	108,888	103	10,052	2,519	571	12,616
Colorado	<b>1,429</b>	17,123	111	1,638	735	95	2,422
Connecticut	<b>3,180</b>	9,651	78	1,136	718	65	3,661
Delaware	<b>441</b>	3,649	103	325	165	16	617
District of Columbia	<b>454</b>	2,749	117	610	451	-	621
Florida	<b>2,679</b>	84,687	103	6,542	1,371	305	8,148
Georgia	<b>1,855</b>	33,116	101	2,534	841	108	3,655
Hawaii	<b>16</b>	4,347	96	281	-	20	311
Idaho	<b>87</b>	5,527	99	271	25	25	358
Illinois	<b>5,434</b>	47,956	116	5,591	2,760	176	8,438
Indiana	<b>2,177</b>	26,787	104	2,696	914	130	4,085
Iowa	<b>602</b>	11,751	99	871	165	84	1,392
Kansas	<b>225</b>	10,116	98	686	96	89	904

Kentucky	<b>451</b>	17,382	92	1,607	229	96	1,924
Louisiana	<b>2,469</b>	19,225	108	1,945	1,143	71	3,337
Maine	<b>103</b>	5,721	101	423	23	31	534
Maryland	<b>2,965</b>	23,054	118	2,499	1,109	124	4,463
Massachusetts	<b>6,975</b>	30,144	129	4,354	2,519	161	8,963
Michigan	<b>5,029</b>	43,026	114	4,841	2,503	237	7,600
Minnesota	<b>1,196</b>	18,358	107	1,443	346	121	2,413
Mississippi	<b>787</b>	13,113	107	1,312	365	51	1,785
Missouri	<b>781</b>	24,426	97	1,574	269	175	2,261
Montana	<b>17</b>	3,836	96	206	-	34	254
Nebraska	<b>193</b>	6,492	98	501	66	28	656
Nevada	<b>416</b>	10,189	101	928	304	39	1,079
New Hampshire	<b>301</b>	5,089	107	373	89	30	614
New Jersey	<b>12,540</b>	44,230	153	8,444	6,156	117	14,931
New Mexico	<b>348</b>	6,993	96	540	141	29	776
New York <sup>7</sup>	<b>10,213</b>	50,693	130	8,432	4,999	206	13,835
New York City	<b>18,903</b>	45,823	219	9,689	7,332	944	21,388
North Carolina	<b>604</b>	27,568	74	1,897	229	220	2,491
North Dakota	<b>62</b>	2,248	81	199	21	19	259
Ohio	<b>1,934</b>	45,796	95	3,057	812	253	4,431
Oklahoma	<b>339</b>	14,341	92	1,300	131	106	1,609
Oregon	<b>183</b>	13,609	95	686	68	64	864
Pennsylvania	<b>6,260</b>	51,724	97	4,820	2,317	188	8,948
Rhode Island	<b>677</b>	4,294	105	455	261	25	896
South Carolina	<b>549</b>	19,966	105	1,282	216	98	1,712
South Dakota	<b>68</b>	2,965	93	237	27	26	304
Tennessee	<b>392</b>	28,884	100	2,125	166	125	2,476
Texas	<b>1,825</b>	78,249	100	6,001	807	338	7,354
Utah	<b>126</b>	7,525	102	414	47	40	533
Vermont	<b>53</b>	2,370	105	141	12	16	198
Virginia	<b>1,618</b>	28,512	107	1,813	543	111	2,997
Washington	<b>1,070</b>	22,775	102	1,844	569	110	2,450
West Virginia	<b>83</b>	6,917	78	514	25	58	630

Wisconsin	<b>659</b>	21,352	104	1,154	111	150	1,850
Wyoming	<b>15</b>	1,761	101	115	-	-	134
Puerto Rico	<b>136</b>	10,070	88	1,333	72	61	1,457

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.

