



# 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](#)

#### [Health Disparities: Race and Hispanic Origin](#)

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

#### [Index of Available Data Files](#)

#### [Technical Notes](#)

Updated: October 14, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of October 14, 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 the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, [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 10/10/2020.\***

Updated October 14, 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>203,043</b>	2,203,637	111	207,687	92,095	6,722	324,356
2/1/2020	<b>0</b>	58,612	99	3,799	0	479	4,278
2/8/2020	<b>1</b>	59,325	99	3,804	0	521	4,326
2/15/2020	<b>0</b>	58,733	100	3,831	0	560	4,391
2/22/2020	<b>5</b>	58,767	101	3,699	1	565	4,268
2/29/2020	<b>10</b>	59,201	103	3,824	5	654	4,483
3/7/2020	<b>35</b>	59,611	103	3,962	17	635	4,614
3/14/2020	<b>55</b>	58,588	103	3,965	28	625	4,616
3/21/2020	<b>572</b>	59,113	104	4,539	250	559	5,413
3/28/2020	<b>3,161</b>	62,903	113	6,169	1,429	441	8,292
4/4/2020	<b>10,025</b>	72,162	129	9,909	4,756	478	15,421
4/11/2020	<b>16,190</b>	78,922	142	11,987	7,228	474	21,083
4/18/2020	<b>17,073</b>	76,585	142	11,385	7,305	265	21,229
4/25/2020	<b>15,434</b>	73,676	137	10,358	6,595	144	19,244
5/2/2020	<b>13,153</b>	69,083	129	8,932	5,513	65	16,617
5/9/2020	<b>11,169</b>	66,672	126	7,822	4,705	47	14,323
5/16/2020	<b>9,166</b>	64,334	123	6,759	3,774	21	12,169
5/23/2020	<b>7,176</b>	61,450	118	5,876	2,963	24	10,108
5/30/2020	<b>6,114</b>	59,479	115	5,260	2,478	12	8,908
6/6/2020	<b>4,990</b>	58,698	112	4,874	2,135	11	7,740
6/13/2020	<b>4,196</b>	57,802	112	4,515	1,856	11	6,863

6/20/2020	<b>3,801</b>	57,707	112	4,344	1,595	8	6,557
6/27/2020	<b>3,783</b>	58,180	113	4,234	1,546	11	6,481
7/4/2020	<b>4,469</b>	59,447	115	4,524	1,985	4	7,009
7/11/2020	<b>5,689</b>	61,407	120	5,483	2,688	10	8,493
7/18/2020	<b>7,062</b>	62,496	123	6,116	3,411	12	9,776
7/25/2020	<b>8,069</b>	63,234	125	6,649	3,911	10	10,812
8/1/2020	<b>8,120</b>	62,749	123	6,698	3,994	13	10,830
8/8/2020	<b>7,668</b>	62,613	122	6,673	3,907	9	10,440
8/15/2020	<b>6,998</b>	61,938	122	6,334	3,584	5	9,750
8/22/2020	<b>6,062</b>	59,922	119	5,726	3,083	12	8,714
8/29/2020	<b>5,344</b>	57,340	112	5,189	2,714	11	7,825
9/5/2020	<b>4,543</b>	55,299	108	4,747	2,298	8	6,997
9/12/2020	<b>4,071</b>	53,766	104	4,440	2,048	7	6,468
9/19/2020	<b>3,569</b>	52,320	101	4,067	1,726	3	5,913
9/26/2020	<b>3,114</b>	49,076	94	3,828	1,559	2	5,385
10/3/2020	<b>1,837</b>	37,639	71	2,582	865	4	3,558
10/10/2020	<b>319</b>	14,788	28	784	143	2	962

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 2019 postcensal estimates from the U.S. Census Bureau, is 328,239,523.

\*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 10/10/2020.\***

Updated October 14, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding	Deaths involving COVID-19 and Pneumonia, excluding	All Deaths involving Influenza, with or without COVID-19	Deaths involving Pneumonia, Influenza, or COVID-19
----------------------------	-------------------------------	------------------------	---	---	--	--	--

	(U07.1) <sup>1</sup>			Influenza deaths (J12.0– J18.9) <sup>3</sup>	Influenza (J12.0–J18.9 and U07.1) <sup>3</sup>	or Pneumonia (J09–J11) <sup>4</sup>	(U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>203,043</b>	2,203,637	111	207,687	92,095	6,722	324,356
Alabama	<b>3,500</b>	40,878	111	3,165	1,133	100	5,627
Alaska	<b>46</b>	2,936	96	132	26	-	158
Arizona	<b>5,114</b>	51,742	124	5,444	2,904	115	7,769
Arkansas	<b>1,364</b>	24,253	109	1,993	608	77	2,825
California	<b>15,916</b>	207,951	111	21,220	8,920	580	28,794
Colorado	<b>2,025</b>	30,974	113	2,463	1,031	96	3,548
Connecticut	<b>4,455</b>	23,474	107	1,956	968	72	5,512
Delaware	<b>578</b>	7,042	109	511	226	16	879
District of Columbia	<b>767</b>	5,019	117	1,001	731	-	1,046
Florida	<b>15,289</b>	167,416	115	17,255	8,282	334	24,572
Georgia	<b>6,353</b>	66,494	112	5,968	2,980	114	9,453
Hawaii	<b>206</b>	8,253	101	528	93	21	662
Idaho	<b>515</b>	10,646	107	595	196	25	939
Illinois	<b>8,058</b>	84,981	115	8,390	3,922	181	12,704
Indiana	<b>3,739</b>	49,479	107	4,519	1,580	133	6,807
Iowa	<b>1,437</b>	22,195	105	1,575	424	84	2,672
Kansas	<b>820</b>	19,367	105	1,301	334	89	1,876
Kentucky	<b>1,339</b>	34,385	102	3,089	624	102	3,903
Louisiana	<b>4,991</b>	37,140	116	3,851	2,440	74	6,470
Maine	<b>162</b>	10,595	103	660	36	31	817
Maryland	<b>4,321</b>	40,638	117	3,872	1,589	126	6,714
Massachusetts	<b>8,113</b>	48,233	116	5,550	2,892	165	10,928
Michigan	<b>6,317</b>	75,049	111	6,800	3,061	242	10,293
Minnesota	<b>2,089</b>	33,257	107	2,357	595	122	3,972
Mississippi	<b>2,948</b>	26,010	118	3,143	1,518	57	4,626
Missouri	<b>2,376</b>	46,982	104	3,073	862	181	4,768
Montana	<b>176</b>	7,292	101	376	65	34	521
Nebraska	<b>524</b>	11,973	101	877	206	28	1,223
Nevada	<b>1,544</b>	20,135	111	2,262	1,166	41	2,681
New Hampshire	<b>431</b>	9,166	106	547	119	30	888

New Jersey	<b>14,398</b>	68,112	132	10,234	6,937	122	17,803
New Mexico	<b>820</b>	13,959	108	1,036	368	29	1,517
New York <sup>7</sup>	<b>11,715</b>	83,284	119	11,027	5,625	213	17,311
New York City	<b>20,800</b>	63,904	169	11,330	7,984	968	24,281
North Carolina	<b>2,600</b>	56,933	86	4,090	1,030	231	5,889
North Dakota	<b>282</b>	5,063	102	457	117	20	642
Ohio	<b>4,613</b>	88,869	103	5,888	1,977	264	8,787
Oklahoma	<b>1,245</b>	27,957	101	2,538	481	113	3,408
Oregon	<b>554</b>	26,041	102	1,220	183	65	1,655
Pennsylvania	<b>8,533</b>	100,770	107	7,505	3,038	254	13,250
Rhode Island	<b>1,081</b>	7,876	108	746	417	25	1,435
South Carolina	<b>3,392</b>	40,485	118	3,418	1,450	102	5,458
South Dakota	<b>302</b>	5,758	100	473	137	27	665
Tennessee	<b>2,536</b>	56,629	109	4,761	1,244	135	6,187
Texas	<b>17,102</b>	164,674	117	17,955	8,740	366	26,670
Utah	<b>503</b>	14,345	108	835	182	40	1,196
Vermont	<b>62</b>	4,210	105	196	15	16	259
Virginia	<b>3,272</b>	52,134	109	3,255	1,181	115	5,459
Washington	<b>1,994</b>	42,353	106	3,105	1,020	114	4,188
West Virginia	<b>310</b>	13,485	85	976	108	59	1,237
Wisconsin	<b>1,372</b>	39,383	106	1,959	312	150	3,167
Wyoming	<b>44</b>	3,458	109	210	18	-	245
Puerto Rico	<b>637</b>	19,240	93	2,481	401	70	2,784

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.

