



# 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: October 8, 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 8, 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 10/3/2020.\***

Updated October 8, 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>199,491</b>	2,158,396	112	203,786	90,296	6,713	318,693
2/1/2020	<b>0</b>	58,609	99	3,799	0	479	4,278
2/8/2020	<b>1</b>	59,318	99	3,803	0	521	4,325
2/15/2020	<b>0</b>	58,731	100	3,831	0	559	4,390
2/22/2020	<b>5</b>	58,764	101	3,699	1	565	4,268
2/29/2020	<b>10</b>	59,198	103	3,824	5	654	4,483
3/7/2020	<b>35</b>	59,607	103	3,962	17	634	4,613
3/14/2020	<b>53</b>	58,580	103	3,965	28	625	4,614
3/21/2020	<b>571</b>	59,109	104	4,538	251	559	5,410
3/28/2020	<b>3,158</b>	62,897	113	6,168	1,426	441	8,291
4/4/2020	<b>10,020</b>	72,158	129	9,906	4,755	478	15,414
4/11/2020	<b>16,178</b>	78,915	142	11,984	7,223	474	21,073
4/18/2020	<b>17,069</b>	76,578	142	11,384	7,304	265	21,225
4/25/2020	<b>15,429</b>	73,667	137	10,357	6,594	144	19,239
5/2/2020	<b>13,150</b>	69,077	129	8,931	5,513	65	16,613
5/9/2020	<b>11,167</b>	66,662	126	7,822	4,705	47	14,321
5/16/2020	<b>9,164</b>	64,319	123	6,758	3,772	21	12,168
5/23/2020	<b>7,164</b>	61,435	118	5,871	2,957	24	10,097
5/30/2020	<b>6,111</b>	59,472	115	5,258	2,477	12	8,904
6/6/2020	<b>4,987</b>	58,677	112	4,870	2,134	11	7,734
6/13/2020	<b>4,194</b>	57,778	111	4,514	1,855	11	6,861

6/20/2020	<b>3,801</b>	57,676	112	4,344	1,595	8	6,557
6/27/2020	<b>3,780</b>	58,153	113	4,229	1,545	11	6,474
7/4/2020	<b>4,458</b>	59,398	114	4,516	1,980	4	6,995
7/11/2020	<b>5,675</b>	61,361	120	5,477	2,683	10	8,478
7/18/2020	<b>7,051</b>	62,437	122	6,110	3,407	12	9,763
7/25/2020	<b>8,044</b>	63,137	125	6,629	3,899	10	10,779
8/1/2020	<b>8,094</b>	62,625	123	6,670	3,975	13	10,795
8/8/2020	<b>7,598</b>	62,348	122	6,620	3,866	9	10,358
8/15/2020	<b>6,952</b>	61,577	122	6,279	3,558	5	9,675
8/22/2020	<b>5,993</b>	59,354	118	5,672	3,046	12	8,628
8/29/2020	<b>5,275</b>	56,760	111	5,126	2,667	11	7,740
9/5/2020	<b>4,461</b>	54,539	106	4,672	2,253	8	6,885
9/12/2020	<b>3,899</b>	52,479	101	4,287	1,947	7	6,244
9/19/2020	<b>3,226</b>	49,665	95	3,765	1,557	3	5,437
9/26/2020	<b>2,173</b>	42,089	80	2,971	1,059	1	4,086
10/3/2020	<b>545</b>	21,247	40	1,175	242	0	1,478

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 10/3/2020.\*

Updated October 8, 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–	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>
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J18.9) <sup>3</sup>							
United States <sup>6</sup>	<b>199,491</b>	2,158,396	112	203,786	90,296	6,713	318,693
Alabama	<b>3,438</b>	40,043	112	3,113	1,120	100	5,526
Alaska	<b>44</b>	2,850	96	132	25	-	157
Arizona	<b>5,068</b>	50,772	125	5,378	2,880	115	7,681
Arkansas	<b>1,306</b>	23,620	109	1,932	577	77	2,737
California	<b>15,638</b>	203,904	112	20,854	8,751	580	28,319
Colorado	<b>1,997</b>	30,378	114	2,426	1,017	96	3,497
Connecticut	<b>4,437</b>	23,406	109	1,948	962	72	5,492
Delaware	<b>574</b>	6,879	109	501	223	16	868
District of Columbia	<b>762</b>	4,921	119	990	726	-	1,035
Florida	<b>14,937</b>	163,864	115	16,858	8,064	334	24,041
Georgia	<b>6,156</b>	65,078	113	5,797	2,874	114	9,191
Hawaii	<b>185</b>	8,052	101	508	79	20	634
Idaho	<b>489</b>	10,411	107	574	183	25	905
Illinois	<b>7,930</b>	82,908	115	8,227	3,866	181	12,469
Indiana	<b>3,667</b>	48,822	109	4,448	1,543	133	6,701
Iowa	<b>1,385</b>	21,659	106	1,542	416	84	2,595
Kansas	<b>778</b>	18,958	106	1,270	316	89	1,821
Kentucky	<b>1,284</b>	33,577	103	3,026	598	101	3,810
Louisiana	<b>4,901</b>	36,307	117	3,778	2,396	74	6,351
Maine	<b>160</b>	10,373	104	650	36	31	805
Maryland	<b>4,305</b>	39,855	118	3,821	1,583	126	6,653
Massachusetts	<b>8,101</b>	47,648	118	5,517	2,888	165	10,887
Michigan	<b>6,295</b>	74,835	114	6,778	3,055	242	10,255
Minnesota	<b>2,055</b>	32,593	108	2,318	583	122	3,911
Mississippi	<b>2,866</b>	25,296	118	3,060	1,476	57	4,503
Missouri	<b>2,227</b>	45,874	104	2,984	811	181	4,581
Montana	<b>172</b>	7,138	102	370	64	34	512
Nebraska	<b>504</b>	11,877	103	864	197	28	1,199
Nevada	<b>1,510</b>	19,742	112	2,218	1,139	41	2,630
New Hampshire	<b>422</b>	8,994	107	539	116	30	874
New Jersey	<b>14,362</b>	66,941	133	10,154	6,923	122	17,701
New Mexico	<b>807</b>	13,611	108	1,014	360	29	1,490

New York <sup>7</sup>	<b>11,678</b>	81,693	120	10,908	5,611	211	17,167
New York City	<b>20,766</b>	62,933	172	11,279	7,974	967	24,205
North Carolina	<b>2,531</b>	56,339	87	4,024	991	231	5,793
North Dakota	<b>238</b>	4,733	98	418	91	20	585
Ohio	<b>4,522</b>	86,595	103	5,747	1,924	264	8,608
Oklahoma	<b>1,163</b>	27,097	101	2,439	445	112	3,262
Oregon	<b>540</b>	25,421	102	1,192	180	65	1,616
Pennsylvania	<b>8,420</b>	98,883	107	7,397	3,001	254	13,066
Rhode Island	<b>1,072</b>	7,738	109	734	412	25	1,419
South Carolina	<b>3,280</b>	39,332	118	3,316	1,396	102	5,298
South Dakota	<b>277</b>	5,701	102	460	125	27	639
Tennessee	<b>2,358</b>	55,016	109	4,560	1,130	134	5,921
Texas	<b>16,560</b>	160,010	116	17,405	8,439	364	25,877
Utah	<b>483</b>	14,088	109	814	172	40	1,165
Vermont	<b>62</b>	4,141	106	192	15	16	255
Virginia	<b>3,185</b>	51,017	110	3,188	1,146	115	5,340
Washington	<b>1,912</b>	41,208	106	3,029	979	114	4,071
West Virginia	<b>292</b>	13,271	86	962	101	59	1,212
Wisconsin	<b>1,349</b>	38,609	107	1,928	301	150	3,124
Wyoming	<b>41</b>	3,385	110	205	16	-	239
Puerto Rico	<b>609</b>	18,913	93	2,415	378	69	2,712

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.

