



## 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 6, 2020




Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of October 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.

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 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>197,884</b>	2,136,443	111	202,032	89,562	6,712	316,066
2/1/2020	<b>0</b>	58,606	99	3,798	0	479	4,277
2/8/2020	<b>1</b>	59,314	99	3,801	0	521	4,323
2/15/2020	<b>0</b>	58,723	100	3,831	0	559	4,390
2/22/2020	<b>5</b>	58,761	101	3,699	1	565	4,268
2/29/2020	<b>10</b>	59,193	103	3,824	5	654	4,483
3/7/2020	<b>35</b>	59,600	103	3,961	17	635	4,613
3/14/2020	<b>53</b>	58,571	103	3,964	28	625	4,613
3/21/2020	<b>571</b>	59,109	104	4,539	252	559	5,410
3/28/2020	<b>3,157</b>	62,894	113	6,168	1,426	441	8,290
4/4/2020	<b>10,019</b>	72,154	129	9,906	4,755	478	15,413
4/11/2020	<b>16,177</b>	78,915	142	11,983	7,223	474	21,071
4/18/2020	<b>17,065</b>	76,573	142	11,383	7,303	266	21,222
4/25/2020	<b>15,428</b>	73,663	137	10,356	6,594	144	19,237
5/2/2020	<b>13,146</b>	69,074	129	8,931	5,513	65	16,609
5/9/2020	<b>11,166</b>	66,655	126	7,822	4,705	47	14,320
5/16/2020	<b>9,162</b>	64,312	123	6,755	3,771	21	12,164
5/23/2020	<b>7,161</b>	61,420	118	5,869	2,957	24	10,092
5/30/2020	<b>6,107</b>	59,455	115	5,255	2,475	12	8,899
6/6/2020	<b>4,987</b>	58,659	112	4,869	2,134	11	7,733
6/13/2020	<b>4,191</b>	57,758	111	4,514	1,854	11	6,859

6/20/2020	<b>3,799</b>	57,654	112	4,342	1,594	8	6,554
6/27/2020	<b>3,778</b>	58,134	113	4,227	1,544	11	6,471
7/4/2020	<b>4,455</b>	59,381	114	4,514	1,979	4	6,991
7/11/2020	<b>5,666</b>	61,319	120	5,472	2,683	9	8,464
7/18/2020	<b>7,042</b>	62,350	122	6,103	3,404	12	9,750
7/25/2020	<b>8,027</b>	63,005	124	6,617	3,892	10	10,757
8/1/2020	<b>8,061</b>	62,383	123	6,641	3,964	13	10,744
8/8/2020	<b>7,568</b>	62,189	122	6,600	3,849	9	10,325
8/15/2020	<b>6,930</b>	61,369	121	6,253	3,542	5	9,643
8/22/2020	<b>5,948</b>	58,977	117	5,629	3,024	12	8,562
8/29/2020	<b>5,241</b>	56,397	110	5,092	2,651	11	7,688
9/5/2020	<b>4,397</b>	53,881	105	4,615	2,220	7	6,796
9/12/2020	<b>3,773</b>	51,406	99	4,173	1,885	7	6,066
9/19/2020	<b>2,985</b>	47,506	91	3,561	1,446	3	5,103
9/26/2020	<b>1,570</b>	35,989	69	2,384	778	0	3,176
10/3/2020	<b>203</b>	11,094	21	581	94	0	690

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 10/3/2020.\*

Updated October 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–	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>197,884</b>	2,136,443	111	202,032	89,562	6,712	316,066
Alabama	<b>3,339</b>	39,456	110	3,061	1,091	100	5,404
Alaska	<b>43</b>	2,824	95	130	25	-	154
Arizona	<b>5,044</b>	50,260	123	5,348	2,871	115	7,636
Arkansas	<b>1,265</b>	23,495	109	1,913	562	77	2,692
California	<b>15,449</b>	201,694	110	20,640	8,646	580	28,021
Colorado	<b>1,983</b>	30,018	112	2,405	1,012	95	3,466
Connecticut	<b>4,426</b>	22,888	107	1,923	961	72	5,457
Delaware	<b>569</b>	6,844	109	498	223	16	860
District of Columbia	<b>757</b>	4,885	118	985	722	-	1,029
Florida	<b>14,733</b>	162,034	114	16,637	7,936	334	23,744
Georgia	<b>6,072</b>	64,219	111	5,726	2,829	114	9,081
Hawaii	<b>177</b>	7,967	100	501	76	20	622
Idaho	<b>484</b>	10,351	107	572	181	25	900
Illinois	<b>7,924</b>	82,245	114	8,199	3,861	180	12,439
Indiana	<b>3,607</b>	47,979	107	4,385	1,518	133	6,603
Iowa	<b>1,356</b>	21,427	105	1,523	411	84	2,552
Kansas	<b>751</b>	18,696	104	1,249	305	89	1,784
Kentucky	<b>1,251</b>	33,048	101	2,984	584	101	3,749
Louisiana	<b>4,832</b>	35,431	114	3,707	2,357	74	6,250
Maine	<b>159</b>	10,273	103	646	36	31	800
Maryland	<b>4,291</b>	39,509	116	3,800	1,577	126	6,624
Massachusetts	<b>8,089</b>	47,168	117	5,479	2,881	165	10,844
Michigan	<b>6,255</b>	74,225	113	6,726	3,036	242	10,182
Minnesota	<b>2,017</b>	32,273	107	2,292	573	122	3,857
Mississippi	<b>2,834</b>	25,070	117	3,024	1,456	57	4,455
Missouri	<b>2,162</b>	45,377	103	2,941	788	181	4,496
Montana	<b>158</b>	7,049	100	365	63	34	494
Nebraska	<b>492</b>	11,629	101	852	189	28	1,183
Nevada	<b>1,489</b>	19,526	111	2,186	1,125	41	2,591
New Hampshire	<b>420</b>	8,915	106	535	115	30	869
New Jersey	<b>14,357</b>	66,512	132	10,138	6,920	122	17,683
New Mexico	<b>804</b>	13,466	107	1,002	357	29	1,478

New York <sup>7</sup>	<b>11,657</b>	80,977	119	10,857	5,604	211	17,102
New York City	<b>20,757</b>	62,823	171	11,269	7,972	967	24,189
North Carolina	<b>2,461</b>	55,765	86	3,967	966	231	5,691
North Dakota	<b>238</b>	4,733	98	418	91	20	585
Ohio	<b>4,446</b>	86,226	103	5,696	1,894	264	8,511
Oklahoma	<b>1,129</b>	26,776	100	2,410	437	113	3,208
Oregon	<b>533</b>	25,162	101	1,179	176	65	1,600
Pennsylvania	<b>8,381</b>	97,896	106	7,349	2,987	254	12,993
Rhode Island	<b>1,069</b>	7,595	107	726	411	25	1,409
South Carolina	<b>3,276</b>	39,177	117	3,306	1,394	102	5,286
South Dakota	<b>277</b>	5,701	102	460	125	27	639
Tennessee	<b>2,332</b>	54,457	108	4,510	1,117	134	5,858
Texas	<b>16,524</b>	158,635	115	17,324	8,423	364	25,776
Utah	<b>473</b>	13,949	108	803	169	40	1,147
Vermont	<b>62</b>	4,083	104	192	15	16	255
Virginia	<b>3,124</b>	50,340	108	3,135	1,119	115	5,253
Washington	<b>1,908</b>	40,769	105	3,010	976	114	4,051
West Virginia	<b>279</b>	13,158	86	953	93	59	1,198
Wisconsin	<b>1,328</b>	38,149	106	1,898	290	150	3,084
Wyoming	<b>41</b>	3,319	107	198	16	-	232
Puerto Rico	<b>599</b>	18,673	92	2,394	373	69	2,686

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.

