



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 19, 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 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.

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 10/17/2020.*

Updated October 19, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	206,172	2,246,171	110	211,114	93,585	6,729	329,428
2/1/2020	0	58,616	99	3,799	0	479	4,278
2/8/2020	1	59,324	99	3,805	0	521	4,327
2/15/2020	0	58,735	100	3,831	0	560	4,391
2/22/2020	5	58,764	101	3,698	1	565	4,267
2/29/2020	10	59,202	103	3,823	5	655	4,483
3/7/2020	35	59,608	103	3,962	17	635	4,614
3/14/2020	55	58,589	103	3,965	28	625	4,616
3/21/2020	572	59,115	104	4,539	250	558	5,412
3/28/2020	3,165	62,905	113	6,170	1,432	442	8,295
4/4/2020	10,025	72,163	129	9,909	4,756	478	15,421
4/11/2020	16,190	78,928	142	11,989	7,228	473	21,085
4/18/2020	17,075	76,593	142	11,386	7,306	265	21,231
4/25/2020	15,438	73,680	137	10,361	6,598	144	19,248
5/2/2020	13,153	69,097	129	8,934	5,513	65	16,619
5/9/2020	11,173	66,682	126	7,825	4,707	47	14,328
5/16/2020	9,170	64,340	123	6,759	3,775	21	12,172
5/23/2020	7,181	61,462	118	5,881	2,967	24	10,114
5/30/2020	6,115	59,486	115	5,261	2,478	12	8,910
6/6/2020	4,991	58,715	112	4,875	2,136	11	7,741
6/13/2020	4,200	57,823	112	4,517	1,857	11	6,868

6/20/2020	3,802	57,738	112	4,345	1,596	8	6,558
6/27/2020	3,783	58,219	113	4,236	1,546	11	6,483
7/4/2020	4,476	59,507	115	4,527	1,985	4	7,019
7/11/2020	5,699	61,516	120	5,492	2,692	10	8,508
7/18/2020	7,081	62,696	123	6,139	3,418	12	9,811
7/25/2020	8,082	63,628	126	6,668	3,915	10	10,840
8/1/2020	8,153	63,420	125	6,742	4,011	13	10,890
8/8/2020	7,700	62,779	123	6,694	3,923	9	10,477
8/15/2020	7,036	62,190	123	6,361	3,599	5	9,800
8/22/2020	6,126	60,387	120	5,774	3,113	12	8,796
8/29/2020	5,376	57,803	113	5,227	2,732	11	7,877
9/5/2020	4,592	56,041	109	4,796	2,321	8	7,072
9/12/2020	4,155	54,719	106	4,523	2,093	7	6,590
9/19/2020	3,685	53,651	103	4,181	1,780	5	6,091
9/26/2020	3,473	52,039	99	4,142	1,724	3	5,893
10/3/2020	2,779	46,188	87	3,469	1,324	6	4,930
10/10/2020	1,471	32,447	62	2,140	694	4	2,920
10/17/2020	149	7,376	14	369	65	0	453

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.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

²Percent 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).

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths 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 10/17/2020.*

Updated October 19, 2020

Jurisdiction	All Deaths involving	Deaths from	Percent of	Deaths involving Pneumonia, with or without	Deaths involving COVID-19 and	All Deaths involving Influenza, with or	Deaths involving Pneumonia, Influenza,
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of Occurrence	COVID-19 (U07.1) ¹	All Causes	Expected Deaths ²	COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	without COVID-19 or Pneumonia (J09–J11) ⁴	or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	206,172	2,246,171	110	211,114	93,585	6,729	329,428
Alabama	3,556	41,550	110	3,214	1,150	100	5,715
Alaska	50	3,031	97	135	28	-	163
Arizona	5,170	52,817	123	5,506	2,922	115	7,869
Arkansas	1,426	24,419	107	2,026	637	78	2,891
California	16,250	211,850	110	21,593	9,100	580	29,321
Colorado	2,051	31,535	112	2,497	1,040	96	3,599
Connecticut	4,455	23,954	106	1,977	968	72	5,533
Delaware	584	7,278	110	525	228	16	897
District of Columbia	774	5,139	117	1,014	737	-	1,060
Florida	15,547	170,775	114	17,564	8,427	334	24,994
Georgia	6,493	67,857	112	6,096	3,047	114	9,654
Hawaii	221	8,369	100	546	100	21	688
Idaho	533	10,947	107	611	206	25	963
Illinois	8,235	86,607	114	8,555	4,009	181	12,959
Indiana	3,803	50,351	106	4,602	1,610	133	6,924
Iowa	1,517	22,713	105	1,620	453	84	2,768
Kansas	879	19,744	105	1,333	354	89	1,947
Kentucky	1,400	35,022	101	3,151	653	102	3,997
Louisiana	5,074	37,983	116	3,919	2,480	75	6,582
Maine	164	10,807	103	674	37	31	832
Maryland	4,370	41,478	116	3,938	1,613	126	6,805
Massachusetts	8,128	49,119	115	5,600	2,898	165	10,987
Michigan	6,346	77,665	112	6,918	3,077	243	10,425
Minnesota	2,153	33,975	106	2,412	618	122	4,068
Mississippi	3,024	26,614	118	3,222	1,558	57	4,741
Missouri	2,554	48,048	104	3,186	938	181	4,983
Montana	199	7,524	101	399	76	34	556
Nebraska	531	12,287	100	903	209	28	1,253
Nevada	1,572	20,556	111	2,309	1,187	41	2,735
New							

Hampshire	443	9,344	105	554	120	31	906
New Jersey	14,433	69,136	130	10,293	6,955	122	17,879
New Mexico	830	14,187	107	1,057	374	29	1,542
New York ⁷	11,751	84,489	118	11,111	5,637	213	17,419
New York City	20,826	64,649	167	11,381	7,989	968	24,354
North Carolina	2,646	58,732	86	4,185	1,046	231	6,014
North Dakota	316	5,245	102	488	139	20	685
Ohio	4,689	90,376	102	5,981	2,012	264	8,921
Oklahoma	1,322	28,681	101	2,613	510	113	3,531
Oregon	571	26,569	101	1,241	187	65	1,689
Pennsylvania	8,612	102,436	105	7,604	3,068	254	13,398
Rhode Island	1,092	7,986	106	758	425	25	1,450
South Carolina	3,491	40,948	116	3,483	1,493	102	5,579
South Dakota	303	5,924	100	486	138	27	678
Tennessee	2,687	57,628	108	4,874	1,328	136	6,368
Texas	17,336	167,210	115	18,207	8,875	367	27,022
Utah	533	14,725	107	866	197	40	1,242
Vermont	62	4,302	104	199	15	16	262
Virginia	3,332	53,187	108	3,335	1,212	115	5,568
Washington	2,008	42,871	105	3,131	1,027	114	4,221
West Virginia	317	13,745	85	991	111	59	1,256
Wisconsin	1,467	40,255	105	2,019	348	151	3,287
Wyoming	46	3,532	108	212	19	-	248
Puerto Rico	674	19,605	92	2,541	428	70	2,854

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.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

²Percent 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.

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

⁶United States death count includes the 50 states, plus the District of Columbia and New York City.

⁷Excludes 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.

