



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 30, 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 30, 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 10/24/2020.***

Updated October 30, 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	213,895	2,347,341	112	219,428	97,273	6,755	341,796
2/1/2020	0	58,620	99	3,799	0	479	4,278
2/8/2020	1	59,328	99	3,805	0	521	4,327
2/15/2020	0	58,744	100	3,832	0	561	4,393
2/22/2020	5	58,768	101	3,698	1	565	4,267
2/29/2020	10	59,209	103	3,826	5	655	4,486
3/7/2020	35	59,616	103	3,965	17	634	4,616
3/14/2020	56	58,601	103	3,965	28	625	4,617
3/21/2020	572	59,127	104	4,539	250	558	5,412
3/28/2020	3,167	62,918	113	6,173	1,433	443	8,300
4/4/2020	10,034	72,179	129	9,915	4,762	478	15,430
4/11/2020	16,192	78,944	142	11,990	7,228	473	21,088
4/18/2020	17,080	76,605	142	11,387	7,307	265	21,236
4/25/2020	15,445	73,702	137	10,365	6,601	144	19,256
5/2/2020	13,156	69,117	129	8,938	5,516	65	16,623
5/9/2020	11,177	66,693	126	7,827	4,707	48	14,335
5/16/2020	9,173	64,355	123	6,762	3,776	21	12,177
5/23/2020	7,185	61,482	118	5,883	2,968	24	10,119
5/30/2020	6,120	59,518	115	5,264	2,481	12	8,915
6/6/2020	4,999	58,746	112	4,881	2,139	11	7,752

6/13/2020	4,202	57,869	112	4,519	1,857	11	6,872
6/20/2020	3,806	57,789	112	4,351	1,598	8	6,566
6/27/2020	3,791	58,279	113	4,241	1,547	11	6,495
7/4/2020	4,481	59,576	115	4,533	1,988	4	7,027
7/11/2020	5,718	61,618	120	5,499	2,697	10	8,529
7/18/2020	7,096	62,815	123	6,146	3,425	12	9,826
7/25/2020	8,099	63,858	126	6,692	3,924	10	10,872
8/1/2020	8,183	63,732	125	6,766	4,023	13	10,932
8/8/2020	7,731	63,011	123	6,716	3,933	9	10,520
8/15/2020	7,087	62,567	124	6,402	3,622	5	9,869
8/22/2020	6,182	60,981	121	5,823	3,136	12	8,878
8/29/2020	5,456	58,800	115	5,317	2,770	11	8,009
9/5/2020	4,684	57,356	112	4,921	2,360	9	7,250
9/12/2020	4,246	56,281	109	4,642	2,138	7	6,755
9/19/2020	3,830	55,619	107	4,348	1,848	5	6,335
9/26/2020	3,782	55,819	107	4,467	1,874	3	6,377
10/3/2020	3,519	53,298	101	4,142	1,675	7	5,993
10/10/2020	3,635	51,932	99	4,111	1,787	11	5,968
10/17/2020	2,841	43,618	81	3,322	1,355	10	4,814
10/24/2020	1,119	26,251	49	1,656	497	5	2,282

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 10/24/2020.*

Updated October 30, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	213,895	2,347,341	112	219,428	97,273	6,755	341,796
Alabama	3,807	43,790	113	3,405	1,243	101	6,065
Alaska	65	3,225	100	147	31	-	187
Arizona	5,260	54,812	125	5,646	2,975	115	8,046
Arkansas	1,702	26,109	112	2,265	783	79	3,261
California	16,857	221,538	112	22,457	9,446	582	30,448
Colorado	2,105	32,912	113	2,594	1,067	96	3,723
Connecticut	4,496	25,245	109	2,031	978	72	5,618
Delaware	596	7,543	111	535	231	16	916
District of Columbia	786	5,339	118	1,032	747	-	1,080
Florida	16,151	177,914	116	18,297	8,793	336	25,966
Georgia	6,824	71,490	115	6,405	3,222	115	10,119
Hawaii	251	8,781	102	576	114	21	734
Idaho	589	11,440	109	645	229	25	1,030
Illinois	8,459	89,547	115	8,801	4,113	182	13,326
Indiana	4,119	53,461	110	4,916	1,769	133	7,395
Iowa	1,696	23,927	108	1,730	515	85	2,996
Kansas	1,015	20,644	107	1,415	405	89	2,114
Kentucky	1,520	36,785	104	3,311	708	102	4,222
Louisiana	5,207	39,649	118	4,042	2,544	75	6,774
Maine	168	11,259	104	697	39	31	857
Maryland	4,458	43,193	117	4,077	1,646	128	7,001
Massachusetts	8,203	51,067	117	5,728	2,924	165	11,164
Michigan	6,614	81,601	114	7,219	3,208	243	10,863
Minnesota	2,321	35,610	108	2,532	669	122	4,305
Mississippi	3,155	27,712	119	3,349	1,629	57	4,928
Missouri	2,896	50,540	106	3,408	1,080	182	5,405
Montana	300	8,053	106	468	127	34	675

Nebraska	636	13,051	104	982	257	28	1,389
Nevada	1,640	21,551	113	2,410	1,236	41	2,855
New Hampshire	456	9,733	106	575	122	31	938
New Jersey	14,512	71,067	130	10,396	6,986	122	18,030
New Mexico	864	14,778	108	1,104	396	29	1,601
New York ⁷	11,866	87,664	119	11,341	5,672	215	17,731
New York City	20,876	66,115	166	11,470	8,004	970	24,479
North Carolina	2,776	60,454	86	4,329	1,106	232	6,228
North Dakota	375	5,594	106	539	172	20	762
Ohio	4,986	95,548	105	6,315	2,145	264	9,419
Oklahoma	1,442	29,351	101	2,709	559	112	3,697
Oregon	603	27,843	103	1,282	200	66	1,750
Pennsylvania	8,961	108,417	109	7,963	3,212	254	13,962
Rhode Island	1,125	8,382	109	780	441	25	1,489
South Carolina	3,621	42,769	118	3,625	1,550	102	5,794
South Dakota	376	6,308	104	537	172	27	768
Tennessee	2,970	60,472	110	5,184	1,487	137	6,803
Texas	17,706	172,498	116	18,697	9,087	369	27,672
Utah	584	15,438	110	919	223	40	1,320
Vermont	62	4,461	105	207	15	16	270
Virginia	3,548	56,270	112	3,519	1,297	117	5,883
Washington	2,114	45,079	107	3,299	1,086	116	4,438
West Virginia	353	15,281	92	1,106	131	60	1,388
Wisconsin	1,757	42,304	108	2,194	459	152	3,642
Wyoming	66	3,727	111	218	23	-	270
Puerto Rico	730	20,982	96	2,706	460	74	3,046

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.

