



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: September 18, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 18, 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 9/12/2020.***

Updated September 18, 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	184,341	1,976,942	111	188,170	82,882	6,690	295,323
2/1/2020	0	58,576	99	3,796	0	479	4,275
2/8/2020	1	59,296	99	3,799	0	520	4,320
2/15/2020	0	58,697	100	3,824	0	558	4,382
2/22/2020	5	58,734	101	3,699	1	564	4,267
2/29/2020	9	59,167	103	3,822	5	654	4,480
3/7/2020	35	59,557	103	3,957	17	632	4,606
3/14/2020	53	58,506	102	3,960	28	625	4,609
3/21/2020	571	59,052	104	4,534	252	560	5,406
3/28/2020	3,152	62,883	113	6,167	1,424	442	8,287
4/4/2020	10,011	72,134	129	9,905	4,750	479	15,409
4/11/2020	16,172	78,869	142	11,984	7,223	474	21,067
4/18/2020	17,052	76,536	141	11,378	7,298	266	21,209
4/25/2020	15,415	73,612	137	10,352	6,592	144	19,222
5/2/2020	13,131	69,007	128	8,921	5,503	65	16,594
5/9/2020	11,154	66,570	126	7,818	4,702	47	14,307
5/16/2020	9,152	64,215	122	6,741	3,767	21	12,144
5/23/2020	7,145	61,323	118	5,849	2,949	24	10,064
5/30/2020	6,096	59,365	115	5,243	2,470	12	8,881
6/6/2020	4,976	58,527	112	4,860	2,132	11	7,715
6/13/2020	4,179	57,624	111	4,498	1,850	11	6,835

6/20/2020	3,787	57,497	111	4,329	1,590	7	6,532
6/27/2020	3,750	57,959	113	4,210	1,541	10	6,428
7/4/2020	4,419	59,094	114	4,480	1,959	4	6,941
7/11/2020	5,610	60,794	119	5,421	2,657	9	8,383
7/18/2020	6,955	61,648	121	6,007	3,360	12	9,611
7/25/2020	7,897	62,069	123	6,520	3,833	10	10,589
8/1/2020	7,839	61,035	120	6,471	3,851	13	10,465
8/8/2020	7,301	60,433	118	6,362	3,694	8	9,974
8/15/2020	6,478	58,589	115	5,909	3,314	5	9,075
8/22/2020	5,313	55,024	108	5,151	2,717	8	7,753
8/29/2020	4,105	49,496	96	4,230	2,096	10	6,245
9/5/2020	2,093	38,913	75	2,769	1,058	5	3,807
9/12/2020	485	22,141	42	1,204	249	1	1,441

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.

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 9/12/2020.*

Updated September 18, 2020

Jurisdiction of Occurrence	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 (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	184,341	1,976,942	111	188,170	82,882	6,690	295,323
Alabama	2,971	36,473	111	2,794	966	100	4,894

Alaska	38	2,610	97	119	22	-	141
Arizona	4,845	47,013	125	5,107	2,766	115	7,301
Arkansas	1,023	21,577	109	1,706	451	77	2,354
California	13,914	186,232	111	19,086	7,808	580	25,770
Colorado	1,913	27,898	114	2,294	985	95	3,312
Connecticut	4,403	21,038	107	1,864	957	73	5,380
Delaware	557	6,313	109	473	217	16	829
District of Columbia	744	4,601	121	957	711	-	999
Florida	13,042	149,754	115	14,975	6,867	331	21,457
Georgia	5,414	59,209	112	5,203	2,493	113	8,235
Hawaii	95	7,324	100	440	41	20	514
Idaho	414	9,366	105	522	153	25	808
Illinois	7,448	76,027	115	7,687	3,653	179	11,658
Indiana	3,378	44,821	109	4,118	1,413	133	6,212
Iowa	1,214	19,748	105	1,389	355	84	2,332
Kansas	603	17,182	105	1,140	253	89	1,579
Kentucky	1,055	30,303	101	2,726	498	100	3,381
Louisiana	4,511	33,268	116	3,489	2,213	74	5,855
Maine	152	9,488	104	608	33	31	758
Maryland	4,143	36,606	117	3,599	1,517	126	6,335
Massachusetts	8,020	44,335	119	5,313	2,859	164	10,630
Michigan	6,121	69,173	114	6,440	2,969	242	9,829
Minnesota	1,878	29,792	108	2,143	530	122	3,612
Mississippi	2,514	23,154	117	2,766	1,289	56	4,044
Missouri	1,734	41,398	102	2,600	601	180	3,913
Montana	123	6,558	102	334	42	34	449
Nebraska	437	10,886	102	801	164	28	1,102
Nevada	1,334	18,017	111	2,001	1,008	41	2,368
New Hampshire	417	8,265	107	502	114	30	834
New Jersey	14,214	62,695	135	9,911	6,864	121	17,368
New Mexico	761	12,431	108	944	332	29	1,402
New York?	11,577	75,617	121	10,463	5,582	211	16,650
New York City	20,690	60,011	178	11,075	7,949	967	23,950
North Carolina	2,303	52,676	89	3,757	884	230	5,404

North Dakota	175	4,417	100	377	65	20	507
Ohio	4,012	79,448	103	5,266	1,706	263	7,834
Oklahoma	952	24,898	101	2,225	366	111	2,916
Oregon	461	23,197	101	1,096	155	65	1,466
Pennsylvania	8,131	90,255	107	6,958	2,902	253	12,436
Rhode Island	1,029	7,107	109	695	396	25	1,353
South Carolina	2,652	35,214	115	2,865	1,125	100	4,490
South Dakota	200	5,089	99	410	88	27	549
Tennessee	1,903	49,946	107	4,031	887	134	5,180
Texas	14,311	143,488	114	15,445	7,238	361	22,866
Utah	436	12,890	108	745	155	40	1,066
Vermont	59	3,771	105	183	14	16	244
Virginia	2,843	46,538	109	2,903	1,014	114	4,844
Washington	1,766	37,643	105	2,776	901	113	3,749
West Virginia	198	12,916	92	918	68	58	1,106
Wisconsin	1,179	35,249	106	1,755	232	150	2,850
Wyoming	34	3,017	106	176	11	-	208
Puerto Rico	454	16,452	90	2,077	270	67	2,325

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.

