



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 15, 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 15, 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 15, 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	180,882	1,944,633	110	184,915	81,053	6,683	290,436
2/1/2020	0	58,575	99	3,796	0	479	4,275
2/8/2020	1	59,285	99	3,799	0	520	4,320
2/15/2020	0	58,695	100	3,824	0	558	4,382
2/22/2020	5	58,731	101	3,698	1	564	4,266
2/29/2020	9	59,163	103	3,822	5	654	4,480
3/7/2020	35	59,545	103	3,957	17	632	4,606
3/14/2020	53	58,469	102	3,958	28	625	4,607
3/21/2020	571	59,036	104	4,534	252	560	5,406
3/28/2020	3,152	62,872	113	6,165	1,424	442	8,285
4/4/2020	10,008	72,125	129	9,904	4,748	479	15,407
4/11/2020	16,166	78,857	142	11,980	7,221	474	21,059
4/18/2020	17,050	76,528	141	11,377	7,298	266	21,206
4/25/2020	15,411	73,601	137	10,350	6,590	143	19,218
5/2/2020	13,124	68,991	128	8,918	5,500	65	16,587
5/9/2020	11,150	66,553	126	7,815	4,700	47	14,302
5/16/2020	9,145	64,189	122	6,733	3,761	21	12,135
5/23/2020	7,140	61,299	118	5,850	2,950	24	10,059
5/30/2020	6,093	59,331	114	5,241	2,469	12	8,877
6/6/2020	4,972	58,483	112	4,861	2,132	11	7,712
6/13/2020	4,175	57,582	111	4,495	1,850	11	6,828

6/20/2020	3,782	57,427	111	4,325	1,589	7	6,524
6/27/2020	3,742	57,849	112	4,197	1,535	10	6,413
7/4/2020	4,410	58,814	113	4,468	1,955	4	6,924
7/11/2020	5,581	60,216	117	5,387	2,647	9	8,330
7/18/2020	6,919	60,952	120	5,968	3,345	12	9,551
7/25/2020	7,834	61,431	121	6,455	3,802	10	10,492
8/1/2020	7,687	60,533	119	6,377	3,768	12	10,302
8/8/2020	7,153	59,755	116	6,247	3,609	8	9,796
8/15/2020	6,221	57,376	113	5,695	3,160	5	8,758
8/22/2020	4,910	53,237	105	4,845	2,493	8	7,268
8/29/2020	3,204	45,243	88	3,529	1,597	9	5,142
9/5/2020	1,035	30,219	59	1,841	529	1	2,348
9/12/2020	144	9,671	19	504	78	1	571

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 15, 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	180,882	1,944,633	110	184,915	81,053	6,683	290,436
Alabama	2,876	35,713	108	2,720	931	100	4,760

Alaska	34	2,584	96	114	18	-	136
Arizona	4,788	46,202	123	5,032	2,727	115	7,208
Arkansas	956	21,183	107	1,659	418	77	2,273
California	13,606	183,159	109	18,741	7,629	580	25,296
Colorado	1,905	27,469	112	2,274	982	95	3,287
Connecticut	4,360	20,818	106	1,849	945	73	5,334
Delaware	557	6,313	109	473	217	16	829
District of Columbia	737	4,533	119	948	704	-	990
Florida	12,399	146,749	112	14,393	6,443	327	20,655
Georgia	5,172	57,785	109	5,018	2,359	113	7,942
Hawaii	77	7,184	98	429	36	20	490
Idaho	394	9,280	104	510	145	25	784
Illinois	7,432	75,212	114	7,640	3,643	179	11,605
Indiana	3,342	44,109	107	4,048	1,395	133	6,124
Iowa	1,165	19,421	103	1,356	341	84	2,264
Kansas	576	16,890	103	1,112	241	89	1,536
Kentucky	1,022	29,684	99	2,676	484	100	3,312
Louisiana	4,411	32,484	114	3,410	2,157	74	5,732
Maine	149	9,346	102	601	32	31	749
Maryland	4,115	36,155	116	3,581	1,508	126	6,298
Massachusetts	8,004	43,692	117	5,286	2,854	164	10,592
Michigan	6,070	67,797	112	6,362	2,949	242	9,720
Minnesota	1,826	29,236	106	2,108	515	121	3,539
Mississippi	2,449	22,749	115	2,716	1,257	55	3,961
Missouri	1,695	40,644	101	2,553	585	180	3,843
Montana	106	6,357	98	315	29	34	426
Nebraska	411	10,636	100	786	155	28	1,070
Nevada	1,291	17,667	109	1,955	975	41	2,312
New Hampshire	417	8,160	105	496	114	30	828
New Jersey	14,209	62,171	134	9,888	6,861	121	17,343
New Mexico	755	12,219	106	936	329	29	1,391
New York?	11,561	74,956	120	10,425	5,575	211	16,603
New York City	20,683	59,705	177	11,050	7,946	967	23,921
North Carolina	2,192	50,361	85	3,622	844	230	5,198

North Dakota	175	4,417	100	377	65	20	507
Ohio	3,863	77,849	101	5,156	1,643	263	7,638
Oklahoma	916	24,350	98	2,174	350	111	2,845
Oregon	440	22,747	100	1,069	147	65	1,426
Pennsylvania	8,094	88,949	105	6,896	2,893	253	12,346
Rhode Island	1,024	6,976	107	686	394	25	1,341
South Carolina	2,645	35,024	114	2,857	1,123	100	4,477
South Dakota	200	5,089	99	410	88	27	549
Tennessee	1,814	49,097	105	3,942	844	134	5,045
Texas	13,580	141,887	112	14,958	6,820	360	22,066
Utah	428	12,661	106	730	152	40	1,046
Vermont	59	3,662	102	178	14	16	239
Virginia	2,764	46,059	108	2,845	978	114	4,743
Washington	1,760	36,891	103	2,745	897	113	3,716
West Virginia	189	12,703	90	906	65	58	1,088
Wisconsin	1,156	34,694	105	1,729	226	150	2,807
Wyoming	33	2,955	104	175	11	-	206
Puerto Rico	431	16,323	89	2,053	256	67	2,292

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.

