



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 9, 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 9, 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 9, 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	200,499	2,167,730	112	204,751	90,820	6,714	320,143
2/1/2020	0	58,611	99	3,799	0	479	4,278
2/8/2020	1	59,320	99	3,803	0	521	4,325
2/15/2020	0	58,731	100	3,831	0	559	4,390
2/22/2020	5	58,764	101	3,699	1	565	4,268
2/29/2020	10	59,200	103	3,824	5	654	4,483
3/7/2020	35	59,608	103	3,962	17	634	4,613
3/14/2020	53	58,581	103	3,965	28	625	4,614
3/21/2020	572	59,109	104	4,538	251	559	5,411
3/28/2020	3,158	62,900	113	6,169	1,426	441	8,292
4/4/2020	10,022	72,160	129	9,906	4,755	478	15,416
4/11/2020	16,180	78,919	142	11,984	7,223	474	21,075
4/18/2020	17,069	76,581	142	11,385	7,303	265	21,227
4/25/2020	15,431	73,670	137	10,358	6,595	144	19,241
5/2/2020	13,151	69,078	129	8,931	5,513	65	16,614
5/9/2020	11,167	66,664	126	7,822	4,705	47	14,321
5/16/2020	9,164	64,324	123	6,758	3,772	21	12,168
5/23/2020	7,167	61,439	118	5,874	2,958	24	10,102
5/30/2020	6,111	59,474	115	5,259	2,477	12	8,905
6/6/2020	4,988	58,682	112	4,870	2,134	11	7,735
6/13/2020	4,194	57,784	111	4,514	1,855	11	6,861

6/20/2020	3,801	57,683	112	4,344	1,595	8	6,557
6/27/2020	3,782	58,162	113	4,232	1,546	11	6,478
7/4/2020	4,462	59,409	114	4,519	1,982	4	7,000
7/11/2020	5,678	61,371	120	5,478	2,684	10	8,481
7/18/2020	7,052	62,453	122	6,111	3,407	12	9,765
7/25/2020	8,054	63,159	125	6,637	3,904	10	10,792
8/1/2020	8,102	62,651	123	6,677	3,980	13	10,805
8/8/2020	7,619	62,434	122	6,631	3,875	9	10,381
8/15/2020	6,972	61,675	122	6,298	3,570	5	9,702
8/22/2020	6,026	59,540	118	5,694	3,064	12	8,665
8/29/2020	5,296	56,919	111	5,142	2,678	11	7,766
9/5/2020	4,496	54,754	107	4,705	2,274	8	6,932
9/12/2020	3,959	52,885	102	4,340	1,983	7	6,321
9/19/2020	3,351	50,636	97	3,872	1,622	3	5,604
9/26/2020	2,530	44,550	84	3,301	1,255	1	4,577
10/3/2020	841	25,850	45	1,519	383	1	1,978

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 10/3/2020.***

Updated October 9, 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–	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
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J18.9) ³							
United States ⁶	200,499	2,167,730	112	204,751	90,820	6,714	320,143
Alabama	3,442	40,195	112	3,120	1,120	100	5,537
Alaska	46	2,910	98	132	26	-	158
Arizona	5,083	50,952	125	5,396	2,888	115	7,706
Arkansas	1,315	23,856	110	1,951	583	77	2,759
California	15,653	204,528	112	20,906	8,760	580	28,377
Colorado	1,998	30,456	114	2,427	1,017	96	3,499
Connecticut	4,437	23,406	109	1,948	962	72	5,492
Delaware	574	6,879	109	501	223	16	868
District of Columbia	764	4,957	119	994	728	-	1,039
Florida	15,029	164,566	115	16,951	8,124	334	24,166
Georgia	6,214	65,448	113	5,848	2,905	114	9,269
Hawaii	194	8,090	101	518	85	20	647
Idaho	503	10,556	108	588	190	25	926
Illinois	7,998	83,153	116	8,266	3,895	181	12,547
Indiana	3,673	49,109	109	4,472	1,548	133	6,726
Iowa	1,399	21,762	106	1,551	417	84	2,617
Kansas	789	19,033	106	1,278	321	89	1,835
Kentucky	1,296	33,768	103	3,043	604	101	3,833
Louisiana	4,908	36,452	117	3,783	2,399	74	6,360
Maine	161	10,399	104	650	36	31	806
Maryland	4,311	40,001	118	3,825	1,585	126	6,661
Massachusetts	8,101	47,648	118	5,517	2,888	165	10,887
Michigan	6,295	74,835	114	6,778	3,055	242	10,255
Minnesota	2,055	32,636	108	2,319	583	122	3,912
Mississippi	2,874	25,524	118	3,077	1,482	57	4,522
Missouri	2,285	46,034	105	3,011	833	181	4,644
Montana	176	7,276	102	375	65	34	520
Nebraska	504	11,877	103	864	197	28	1,199
Nevada	1,517	19,822	112	2,226	1,146	41	2,638
New Hampshire	425	9,004	107	541	118	30	877
New Jersey	14,380	67,111	133	10,173	6,930	122	17,731
New Mexico	809	13,696	109	1,021	361	29	1,498

New York ⁷	11,684	81,778	121	10,916	5,613	211	17,179
New York City	20,778	63,068	172	11,287	7,977	967	24,222
North Carolina	2,577	56,557	87	4,052	1,013	231	5,845
North Dakota	238	4,733	98	418	91	20	585
Ohio	4,548	87,712	104	5,799	1,940	264	8,670
Oklahoma	1,189	27,266	101	2,464	456	112	3,302
Oregon	547	25,607	102	1,202	182	65	1,631
Pennsylvania	8,440	99,317	107	7,418	3,008	254	13,100
Rhode Island	1,077	7,748	109	738	416	25	1,424
South Carolina	3,280	39,332	118	3,316	1,396	102	5,298
South Dakota	277	5,701	102	460	125	27	639
Tennessee	2,432	55,425	109	4,642	1,186	134	6,021
Texas	16,830	160,852	117	17,590	8,579	365	26,193
Utah	483	14,200	109	821	172	40	1,172
Vermont	62	4,153	106	192	15	16	255
Virginia	3,229	51,309	110	3,218	1,166	115	5,394
Washington	1,930	41,573	107	3,061	988	114	4,112
West Virginia	294	13,289	87	967	103	59	1,217
Wisconsin	1,355	38,779	107	1,935	304	150	3,134
Wyoming	41	3,392	110	205	16	-	239
Puerto Rico	623	19,025	94	2,440	390	69	2,739

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.

