

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](#)

[Excess Deaths Associated with COVID-19](#)

[Technical Notes](#)

Updated: July 8, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 8, 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.

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 7/4/2020.*

Updated July 8, 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	114,741	1,324,958	104	125,868	49,623	6,492	196,538
2/1/2020	0	58,283	98	3,770	0	478	4,248
2/8/2020	1	58,998	99	3,768	0	518	4,287
2/15/2020	0	58,203	99	3,787	0	552	4,339
2/22/2020	5	58,134	100	3,648	1	559	4,211
2/29/2020	5	58,400	102	3,771	3	640	4,413
3/7/2020	33	58,621	101	3,904	16	623	4,543
3/14/2020	52	57,646	101	3,893	27	611	4,528
3/21/2020	555	58,469	103	4,492	248	546	5,338
3/28/2020	3,061	62,372	112	6,080	1,380	440	8,151
4/4/2020	9,530	71,211	127	9,661	4,552	464	14,880
4/11/2020	15,734	77,982	141	11,763	7,050	469	20,578
4/18/2020	16,394	75,383	139	11,031	7,003	261	20,497
4/25/2020	14,168	71,677	133	9,765	6,058	143	17,922
5/2/2020	11,753	66,589	124	8,319	4,977	64	15,139
5/9/2020	10,857	64,694	122	7,592	4,596	46	13,890
5/16/2020	8,889	61,686	117	6,505	3,672	19	11,738
5/23/2020	6,863	58,141	111	5,583	2,857	21	9,607
5/30/2020	5,758	55,143	106	4,898	2,338	10	8,328
6/6/2020	4,443	53,397	101	4,431	1,937	10	6,947
6/13/2020	3,433	50,554	96	3,801	1,527	10	5,714
6/20/2020	2,287	44,367	82	3,068	979	5	4,381
6/27/2020	743	31,694	50	1,694	311	3	2,129
7/4/2020	177	13,314	16	644	91	0	730

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 7/4/2020.***

Updated July 8, 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 ⁵	114,741	1,324,958	104	125,868	49,623	6,492	196,538
Alabama	970	23,161	95	1,563	288	95	2,337
Alaska	11	1,680	88	78	-	-	89
Arizona	1,411	29,342	108	2,383	746	113	3,161
Arkansas	258	14,080	98	956	101	75	1,188
California	5,436	122,642	101	11,282	3,007	576	14,286
Colorado	1,544	19,232	109	1,785	799	95	2,620
Connecticut	3,636	12,577	89	1,401	833	71	4,273
Delaware	485	4,199	103	365	183	16	683
District of Columbia	562	3,165	115	728	554	-	745
Florida	3,116	95,765	99	7,325	1,604	308	9,136
Georgia	2,142	37,644	98	2,862	959	109	4,153
Hawaii	16	4,940	95	302	-	20	332
Idaho	92	6,190	97	298	26	25	389
Illinois	6,109	54,183	115	6,151	3,082	176	9,351
Indiana	2,446	30,535	104	3,004	1,028	131	4,549

Iowa	699	13,292	98	975	205	84	1,553
Kansas	253	11,445	95	760	109	89	993
Kentucky	531	19,839	92	1,816	269	98	2,175
Louisiana	2,701	21,854	107	2,139	1,258	71	3,648
Maine	109	6,479	98	464	26	31	578
Maryland	3,308	25,857	116	2,793	1,239	125	4,971
Massachusetts	7,282	33,089	123	4,622	2,642	161	9,415
Michigan	5,269	48,201	112	5,173	2,602	240	8,075
Minnesota	1,349	20,472	105	1,585	381	121	2,673
Mississippi	953	14,863	103	1,487	449	51	2,042
Missouri	889	27,382	95	1,721	297	176	2,489
Montana	20	4,278	94	218	-	34	268
Nebraska	241	7,096	94	542	90	28	721
Nevada	463	11,545	99	1,032	340	40	1,195
New Hampshire	346	5,745	104	399	98	30	676
New Jersey	13,028	48,284	142	8,813	6,380	121	15,568
New Mexico	414	8,056	98	626	172	29	897
New York ⁷	10,490	55,666	124	8,840	5,119	207	14,401
New York City	19,146	48,663	203	9,903	7,409	945	21,768
North Carolina	879	31,982	72	2,229	331	225	3,000
North Dakota	75	2,839	90	232	25	19	301
Ohio	2,335	53,078	96	3,509	972	257	5,128
Oklahoma	372	16,151	90	1,421	143	108	1,752
Oregon	202	15,288	92	759	73	64	951
Pennsylvania	6,673	59,436	98	5,256	2,438	200	9,688
Rhode Island	844	4,946	106	542	329	25	1,082
South Carolina	667	22,682	103	1,454	264	99	1,955
South Dakota	86	3,392	87	265	38	26	339
Tennessee	504	32,667	97	2,390	193	127	2,828
Texas	2,407	89,356	99	6,898	1,067	341	8,575
Utah	160	8,561	98	479	59	40	620
Vermont	56	2,616	101	147	14	16	205
Virginia	1,803	31,635	104	1,987	615	111	3,284

Washington	1,114	24,841	98	1,938	592	111	2,566
West Virginia	94	8,231	82	599	30	58	721
Wisconsin	727	23,877	100	1,249	122	150	2,002
Wyoming	18	1,939	97	123	-	-	143
Puerto Rico	142	11,371	92	1,453	75	61	1,580

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.

