



National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease (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: June 3, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of June 3, 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 (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 COVID-19 deaths 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 5/30/2020.*

Updated June 3, 2020

Week ending date in which the death occurred	COVID-19 Deaths (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Pneumonia Deaths (J12.0–J18.9) ³	Deaths with Pneumonia and COVID-19 (J12.0–J18.9 and U07.1) ³	Influenza Deaths (J09–J11) ⁴	Deaths with Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	88,243	1,030,799	103	100,796	38,516	6,354	155,951
2/1/2020	0	57,675	97	3,725	0	476	4,201
2/8/2020	1	58,303	98	3,719	0	513	4,233
2/15/2020	0	57,651	98	3,751	0	543	4,294
2/22/2020	3	57,726	99	3,622	1	555	4,179
2/29/2020	5	58,088	101	3,747	3	631	4,380
3/7/2020	32	58,094	100	3,860	16	619	4,494
3/14/2020	51	56,960	100	3,853	26	605	4,482
3/21/2020	544	57,453	101	4,401	245	534	5,228
3/28/2020	3,012	61,235	110	5,972	1,360	435	8,009
4/4/2020	9,395	69,535	125	9,488	4,506	458	14,612
4/11/2020	15,465	75,449	136	11,490	6,939	462	20,141
4/18/2020	15,954	72,269	134	10,676	6,828	254	19,873
4/25/2020	13,556	67,577	126	9,300	5,831	140	17,069
5/2/2020	10,779	61,864	115	7,727	4,633	56	13,910
5/9/2020	9,503	58,344	111	6,752	4,040	43	12,249
5/16/2020	6,631	51,253	98	5,092	2,748	16	8,990
5/23/2020	2,776	35,991	69	2,773	1,126	14	4,437
5/30/2020	536	15,332	30	848	214	0	1,170

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. 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, age, 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).

³Pneumonia death counts exclude pneumonia deaths involving influenza.

⁴Influenza death counts 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 5/30/2020.*

Updated June 3, 2020

Jurisdiction of Occurrence	COVID-19 Deaths (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Pneumonia Deaths (J12.0–J18.9) ³	Deaths with Pneumonia and COVID-19 (J12.0–J18.9 and U07.1) ³	Influenza Deaths (J09–J11) ⁴	Deaths with Pneumonia, Influenza, or COVID-19 U07.1 or J09–J18.9) ⁵
United States ⁶	88,243	1,030,799	103	100,796	38,516	6,354	155,951
Alabama	569	17,688	96	1,166	165	90	1,658
Alaska	-	1,279	87	61	-	-	71
Arizona	734	22,511	107	1,739	379	111	2,205
Arkansas	105	10,900	98	734	29	75	885
California	3,223	95,350	101	8,598	1,805	567	10,582
Colorado	1,254	15,281	111	1,493	657	93	2,178
Connecticut	1,837	6,786	62	739	424	59	2,210
Delaware	298	3,168	99	262	115	16	461
District of Columbia	338	2,365	113	486	338	-	494
Florida	2,066	74,636	102	5,709	1,077	303	6,994
Georgia	1,455	28,642	98	2,168	675	105	3,053
Hawaii	16	3,864	94	252	-	20	282
Idaho	81	4,845	97	250	25	25	331
Illinois	3,911	42,006	114	4,621	2,023	176	6,682
Indiana	1,656	23,253	101	2,321	714	128	3,388
Iowa	405	10,328	98	757	112	84	1,134
Kansas	188	8,987	98	623	82	88	817
Kentucky	352	15,141	90	1,388	180	95	1,654
Louisiana	2,082	16,759	106	1,644	941	71	2,851
Maine	86	5,126	101	393	19	31	491
Maryland	2,277	20,038	115	2,101	833	123	3,652
Massachusetts	6,038	27,026	130	3,866	2,163	159	7,892
Michigan	4,348	37,988	112	4,323	2,191	236	6,712
Minnesota	808	15,963	104	1,221	240	118	1,906
Mississippi	547	11,426	104	1,108	245	51	1,461
Missouri	613	21,485	96	1,414	217	174	1,984

Montana	16	3,334	93	178	-	34	225
Nebraska	116	5,502	93	431	40	28	535
Nevada	337	8,904	98	816	250	39	942
New Hampshire	220	4,505	106	336	71	30	514
New Jersey	11,345	40,170	156	7,663	5,562	116	13,548
New Mexico	250	6,056	94	460	101	27	636
New York ⁷	9,284	45,203	130	7,725	4,603	201	12,590
New York City	18,255	43,086	231	9,314	7,087	942	20,610
North Carolina	332	21,366	64	1,428	131	208	1,837
North Dakota	34	1,988	80	174	12	19	215
Ohio	1,448	39,757	93	2,633	618	249	3,711
Oklahoma	260	12,211	88	1,109	105	105	1,364
Oregon	163	11,913	93	623	61	61	785
Pennsylvania	5,325	44,434	93	4,223	2,019	187	7,713
Rhode Island	493	3,594	99	362	194	25	686
South Carolina	436	17,879	105	1,139	174	97	1,497
South Dakota	51	2,638	92	212	19	26	270
Tennessee	306	25,127	97	1,867	131	124	2,166
Texas	1,420	69,672	99	5,344	612	332	6,481
Utah	86	6,613	100	362	35	40	453
Vermont	52	2,063	105	127	12	15	182
Virginia	1,237	25,074	105	1,556	415	111	2,487
Washington	926	20,032	100	1,663	502	109	2,191
West Virginia	65	6,558	83	480	18	58	585
Wisconsin	484	18,741	102	1,024	78	150	1,578
Wyoming	-	1,538	98	110	-	-	122
Puerto Rico	121	8,969	89	1,221	62	60	1,339

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.

*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, age, 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.

³Pneumonia death counts exclude pneumonia deaths involving influenza.

⁴Influenza death counts 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 our 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, 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. Our counts 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 \(COVID-19\) Technical Notes](#) page.

