



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 4, 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 4, 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 4, 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	90,313	1,042,688	104	102,269	39,427	6,360	158,589
2/1/2020	0	57,683	97	3,725	0	476	4,201
2/8/2020	1	58,305	98	3,720	0	513	4,234
2/15/2020	0	57,659	98	3,752	0	543	4,295
2/22/2020	3	57,736	99	3,623	1	556	4,181
2/29/2020	5	58,101	101	3,748	3	631	4,381
3/7/2020	32	58,240	101	3,867	16	618	4,500
3/14/2020	52	57,103	100	3,866	27	607	4,497
3/21/2020	544	57,621	102	4,414	245	534	5,241
3/28/2020	3,018	61,437	110	5,983	1,364	437	8,024
4/4/2020	9,406	69,647	125	9,503	4,512	458	14,632
4/11/2020	15,494	75,526	136	11,508	6,953	462	20,174
4/18/2020	16,016	72,408	134	10,710	6,858	254	19,939
4/25/2020	13,648	67,883	126	9,353	5,871	141	17,175
5/2/2020	10,888	62,268	116	7,795	4,677	56	14,043
5/9/2020	9,661	58,876	112	6,843	4,111	43	12,427
5/16/2020	7,126	52,782	100	5,378	2,965	17	9,555
5/23/2020	3,601	39,579	76	3,309	1,496	14	5,428
5/30/2020	818	19,834	38	1,172	328	0	1,662

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 4, 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	90,313	1,042,688	104	102,269	39,427	6,360	158,589
Alabama	582	17,907	96	1,185	170	90	1,685
Alaska	-	1,279	87	61	-	-	71
Arizona	734	22,511	106	1,739	379	111	2,205
Arkansas	105	10,900	97	734	29	75	885
California	3,468	97,059	101	8,836	1,931	568	10,940
Colorado	1,255	15,364	110	1,497	657	93	2,183
Connecticut	1,837	7,424	66	774	424	63	2,249
Delaware	298	3,168	98	262	115	16	461
District of Columbia	338	2,385	112	486	338	-	494
Florida	2,156	75,706	102	5,802	1,125	303	7,129
Georgia	1,528	29,142	98	2,223	713	105	3,143
Hawaii	16	3,952	97	261	-	20	291
Idaho	82	4,898	97	252	25	25	334
Illinois	4,305	42,609	114	4,825	2,214	176	7,089
Indiana	1,790	23,609	101	2,383	761	128	3,537
Iowa	440	10,504	98	776	123	84	1,177
Kansas	190	9,067	97	625	83	88	820
Kentucky	365	15,370	90	1,408	188	95	1,679
Louisiana	2,141	17,097	107	1,690	970	71	2,927
Maine	86	5,177	101	396	19	31	494
Maryland	2,339	20,271	115	2,129	855	123	3,720
Massachusetts	6,151	27,308	129	3,915	2,205	159	8,012
Michigan	4,542	38,648	113	4,443	2,285	236	6,932
Minnesota	890	16,257	104	1,260	263	118	2,004
Mississippi	576	11,587	105	1,130	260	51	1,497
Missouri	617	21,704	95	1,426	218	174	1,999

Montana	16	3,334	92	178	-	34	225
Nebraska	116	5,502	92	431	40	28	535
Nevada	352	9,034	99	827	258	39	960
New Hampshire	222	4,530	104	336	71	30	516
New Jersey	11,345	40,170	153	7,663	5,562	116	13,548
New Mexico	254	6,133	94	470	103	27	648
New York ⁷	9,451	46,016	130	7,844	4,674	202	12,806
New York City	18,317	43,239	228	9,358	7,125	942	20,678
North Carolina	355	21,389	64	1,437	140	208	1,860
North Dakota	34	1,988	79	174	12	19	215
Ohio	1,448	39,757	91	2,633	618	249	3,711
Oklahoma	261	12,439	88	1,119	105	104	1,374
Oregon	163	11,913	92	623	61	61	785
Pennsylvania	5,456	45,393	94	4,312	2,064	187	7,888
Rhode Island	502	3,619	98	367	198	25	696
South Carolina	436	17,879	103	1,139	174	97	1,497
South Dakota	51	2,638	92	212	19	26	270
Tennessee	307	25,518	98	1,885	131	125	2,186
Texas	1,420	69,672	98	5,344	612	332	6,481
Utah	86	6,670	100	362	35	40	453
Vermont	52	2,100	103	129	12	15	184
Virginia	1,308	25,510	106	1,592	435	111	2,574
Washington	926	20,032	99	1,663	502	109	2,191
West Virginia	70	6,683	83	493	21	58	600
Wisconsin	519	19,077	102	1,050	88	150	1,629
Wyoming	-	1,550	98	110	-	-	122
Puerto Rico	123	9,070	89	1,230	63	60	1,349

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.

