



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: December 7, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of December 7, 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 12/5/2020.***

Updated December 7, 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	255,614	2,674,995	111	253,642	116,741	6,861	398,33
2/1/2020	0	58,791	99	3,813	0	480	4,29
2/8/2020	1	59,354	99	3,808	0	521	4,33
2/15/2020	0	58,769	100	3,837	0	560	4,39
2/22/2020	4	58,844	101	3,707	1	566	4,27
2/29/2020	10	59,256	103	3,830	5	656	4,49
3/7/2020	36	59,637	103	3,974	18	634	4,62
3/14/2020	56	58,616	103	3,967	28	626	4,62
3/21/2020	573	59,148	104	4,542	250	558	5,41
3/28/2020	3,171	62,938	113	6,177	1,433	444	8,30
4/4/2020	10,044	72,227	129	9,923	4,764	478	15,44
4/11/2020	16,206	78,983	142	12,001	7,233	473	21,10
4/18/2020	17,092	76,666	142	11,395	7,312	265	21,25
4/25/2020	15,459	73,793	137	10,377	6,606	144	19,27
5/2/2020	13,163	69,210	129	8,944	5,514	65	16,63
5/9/2020	11,184	66,728	127	7,831	4,708	48	14,34
5/16/2020	9,181	64,384	123	6,769	3,779	21	12,18
5/23/2020	7,195	61,524	118	5,889	2,971	24	10,13
5/30/2020	6,133	59,572	115	5,271	2,484	12	8,93
6/6/2020	5,013	58,792	112	4,887	2,142	11	7,76
6/13/2020	4,210	57,917	112	4,535	1,860	11	6,89
6/20/2020	3,816	57,860	112	4,361	1,603	8	6,58
6/27/2020	3,801	58,364	113	4,253	1,550	11	6,51

7/4/2020	4,498	59,689	115	4,550	1,993	5	7,05
7/11/2020	5,735	61,746	120	5,519	2,704	10	8,55
7/18/2020	7,132	62,970	124	6,168	3,441	13	9,86
7/25/2020	8,157	64,022	126	6,731	3,944	10	10,94
8/1/2020	8,239	64,002	126	6,814	4,053	13	11,00
8/8/2020	7,791	63,397	124	6,776	3,961	9	10,61
8/15/2020	7,181	63,240	125	6,474	3,658	5	9,99
8/22/2020	6,298	62,021	123	5,930	3,191	12	9,04
8/29/2020	5,631	60,341	118	5,484	2,854	11	8,26
9/5/2020	4,844	58,904	115	5,085	2,442	9	7,49
9/12/2020	4,399	57,685	112	4,788	2,207	7	6,98
9/19/2020	4,031	57,417	111	4,548	1,949	5	6,63
9/26/2020	4,044	58,189	112	4,713	2,002	3	6,75
10/3/2020	3,948	57,044	108	4,537	1,887	8	6,60
10/10/2020	4,471	58,515	112	4,834	2,201	12	7,11
10/17/2020	4,783	56,903	107	4,856	2,272	16	7,37
10/24/2020	5,480	57,892	108	5,193	2,515	16	8,16
10/31/2020	6,195	57,925	107	5,457	2,877	18	8,78
11/7/2020	7,327	59,288	109	6,031	3,419	21	9,95
11/14/2020	8,047	56,851	103	6,229	3,770	16	10,51
11/21/2020	7,294	48,882	88	5,554	3,421	18	9,44
11/28/2020	3,205	29,500	53	2,701	1,481	8	4,43
12/5/2020	536	7,199	8	579	238	0	87

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 12/5/2020.*

Updated December 7, 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	255,614	2,674,995	111	253,642	116,741	6,861	398,33
Alabama	4,517	49,910	111	3,913	1,464	103	7,06
Alaska	104	3,764	101	186	56	-	24
Arizona	5,885	61,352	121	6,295	3,308	116	8,98
Arkansas	2,596	30,452	112	2,808	1,138	82	4,34
California	18,667	249,449	109	24,826	10,422	583	33,65
Colorado	2,776	37,743	112	3,054	1,376	96	4,54
Connecticut	4,662	28,181	105	2,205	1,022	72	5,91
Delaware	678	8,560	109	597	272	16	1,01
District of Columbia	837	5,984	114	1,112	788	10	1,17
Florida	17,877	201,002	113	20,591	9,913	345	28,87
Georgia	7,842	81,316	112	7,286	3,755	117	11,48
Hawaii	306	9,892	100	657	144	21	84
Idaho	963	13,353	110	869	393	28	1,46
Illinois	11,314	104,469	115	10,754	5,477	185	16,77
Indiana	5,693	61,810	110	6,052	2,542	136	9,33
Iowa	3,011	28,371	110	2,372	974	87	4,49
Kansas	1,807	24,352	108	1,895	753	91	3,03
Kentucky	2,268	42,612	104	4,002	1,068	104	5,30
Louisiana	5,621	44,935	115	4,461	2,754	75	7,39
Maine	246	12,917	103	813	59	31	1,03
Maryland	4,963	49,074	115	4,559	1,840	129	7,79
Massachusetts	8,642	57,269	113	6,250	3,105	171	11,95
Michigan	8,076	92,671	112	8,426	3,952	247	12,78
Minnesota	3,727	41,931	110	3,319	1,191	125	5,97
Mississippi	3,707	31,576	117	3,876	1,931	59	5,70
Missouri	4,402	58,863	108	4,366	1,702	183	7,24

Montana	724	9,573	109	726	336	34	1,14
Nebraska	1,247	15,605	107	1,337	495	29	2,11
Nevada	2,039	24,632	112	2,864	1,549	41	3,39
New Hampshire	539	11,250	105	654	133	31	1,08
New Jersey	15,124	79,222	125	11,057	7,312	122	18,97
New Mexico	1,327	16,953	108	1,444	628	31	2,17
New York ⁷	12,732	98,943	116	12,359	5,972	222	19,32
New York City	21,189	72,019	155	11,945	8,116	969	25,15
North Carolina	3,184	64,844	80	4,756	1,328	232	6,84
North Dakota	776	6,503	106	770	364	20	1,20
Ohio	6,555	109,102	104	7,487	2,808	266	11,49
Oklahoma	2,261	35,004	104	3,313	851	119	4,83
Oregon	825	31,815	102	1,487	269	66	2,10
Pennsylvania	10,887	123,510	107	9,419	4,061	260	16,49
Rhode Island	1,260	9,447	106	897	522	25	1,66
South Carolina	4,211	47,895	114	4,154	1,841	105	6,62
South Dakota	1,003	7,783	110	824	416	28	1,43
Tennessee	4,423	69,884	110	6,388	2,254	143	8,69
Texas	22,028	199,743	116	22,333	11,477	385	33,25
Utah	922	17,585	108	1,153	370	41	1,74
Vermont	70	5,124	104	230	16	16	30
Virginia	4,239	64,394	110	4,084	1,581	121	6,85
Washington	2,460	51,054	105	3,769	1,272	116	5,06
West Virginia	426	16,788	87	1,219	166	60	1,53
Wisconsin	3,773	50,166	110	3,131	1,125	152	5,92
Wyoming	203	4,349	111	298	80	-	43
Puerto Rico	1,012	23,344	92	3,104	656	73	3,52

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.

