



National Center for Health Statistics



National Vital Statistics System

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease (COVID-19)

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Updated: May 19, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of May 19, 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 5/16/2020.***

Updated May 19, 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	67,008	893,413	99	86,063	29,529	6,207	128,847
2/1/2020	0	57,563	97	3,710	0	473	4,183
2/8/2020	1	58,160	97	3,706	0	507	4,214
2/15/2020	0	57,505	98	3,739	0	537	4,276
2/22/2020	2	57,549	99	3,606	0	553	4,161
2/29/2020	7	57,851	101	3,719	5	627	4,348
3/7/2020	32	57,493	99	3,802	16	609	4,426
3/14/2020	51	56,160	98	3,802	26	599	4,425
3/21/2020	520	56,390	99	4,329	239	523	5,127
3/28/2020	2,911	59,714	107	5,857	1,317	424	7,826
4/4/2020	8,955	67,725	120	9,287	4,294	447	14,173
4/11/2020	14,485	73,225	131	11,131	6,468	454	19,269
4/18/2020	14,528	69,145	127	10,150	6,280	249	18,466
4/25/2020	11,602	62,582	115	8,378	5,027	135	14,998
5/2/2020	8,431	53,315	99	6,295	3,577	47	11,180
5/9/2020	4,710	37,720	71	3,740	1,984	20	6,483
5/16/2020	773	11,316	21	812	296	3	1,292

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 5/16/2020.*

Updated May 19, 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	67,008	893,413	99	86,063	29,529	6,207	128,847
Alabama	352	15,235	92	977	97	88	1,319
Alaska	-	1,125	85	54	-	-	64
Arizona	473	19,522	102	1,438	231	109	1,789
Arkansas	66	9,478	94	657	20	73	776
California	2,199	83,599	97	7,434	1,270	560	8,922
Colorado	968	13,337	107	1,296	534	93	1,818
Connecticut	564	3,542	35	322	125	47	807
Delaware	185	2,697	93	205	71	15	334
District of Columbia	205	1,945	102	332	205	-	339
Florida	1,546	65,697	99	4,971	817	295	5,990
Georgia	1,034	24,694	93	1,826	478	101	2,483
Hawaii	15	3,446	94	228	-	19	257
Idaho	67	4,271	95	224	22	24	293
Illinois	2,662	36,078	107	3,763	1,417	173	5,178
Indiana	1,199	20,486	97	2,038	552	125	2,808
Iowa	223	8,998	94	641	52	83	895
Kansas	144	7,913	94	559	66	86	723
Kentucky	238	13,122	86	1,202	127	92	1,404
Louisiana	1,594	14,280	99	1,328	710	70	2,277
Maine	66	4,543	98	360	16	31	441
Maryland	1,458	17,142	108	1,681	540	119	2,704
Massachusetts	4,461	23,259	122	3,200	1,630	158	6,181
Michigan	3,541	33,245	108	3,790	1,777	231	5,781
Minnesota	537	14,000	100	1,061	159	117	1,555
Mississippi	364	9,777	99	923	167	51	1,171
Missouri	421	18,589	91	1,214	145	171	1,661

Montana	16	2,965	91	166	-	34	213
Nebraska	63	4,834	90	370	18	28	443
Nevada	264	7,831	96	713	199	38	816
New Hampshire	134	3,890	99	285	39	30	409
New Jersey	8,791	34,456	146	6,422	4,358	115	10,958
New Mexico	160	5,291	90	400	74	27	513
New York ⁷	7,865	40,107	127	6,887	3,942	200	10,993
New York City	16,342	39,552	232	8,519	6,247	936	18,745
North Carolina	150	17,402	58	1,116	59	187	1,394
North Dakota	21	1,776	80	163	-	19	196
Ohio	916	34,458	88	2,216	393	242	2,981
Oklahoma	202	10,565	83	970	81	99	1,187
Oregon	125	10,399	90	564	50	61	700
Pennsylvania	3,592	37,627	87	3,352	1,364	183	5,760
Rhode Island	249	2,933	87	233	85	24	421
South Carolina	269	15,413	100	962	98	94	1,227
South Dakota	34	2,354	91	182	13	21	224
Tennessee	223	22,248	95	1,660	97	122	1,908
Texas	876	59,747	94	4,510	377	324	5,331
Utah	60	5,820	98	325	22	40	403
Vermont	51	1,836	101	122	12	14	175
Virginia	839	21,983	102	1,347	287	110	2,007
Washington	745	16,242	89	1,403	398	102	1,848
West Virginia	40	5,659	79	420	-	57	508
Wisconsin	386	16,653	100	929	57	147	1,403
Wyoming	-	1,352	95	103	-	-	114
Puerto Rico	108	6,788	75	958	57	42	1,050

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.

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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.

