

National Center for Health Statistics



National Vital Statistics System

Provisional Death Counts for Coronavirus Disease (COVID-19):

Daily updates of totals by week and state

Provisional Deaths by Week and by State
Provisional Deaths by Demographic and Geographic Characteristics
Excess Deaths Data Visualization
Technical Notes

Updated: May 13, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of May 12, 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 5/9/2020.***

Updated May 13, 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	54,861	835,607	99	78,266	24,147	6,110	114,209
2/1/2020	0	57,489	97	3,701	0	472	4,173
2/8/2020	1	57,962	97	3,698	0	502	4,201
2/15/2020	0	57,300	97	3,725	0	527	4,252
2/22/2020	2	57,294	98	3,588	0	548	4,138
2/29/2020	7	57,602	100	3,692	5	623	4,317
3/7/2020	30	57,325	99	3,790	16	606	4,409
3/14/2020	51	55,776	97	3,773	26	595	4,392
3/21/2020	509	55,878	98	4,280	232	516	5,067
3/28/2020	2,817	58,926	105	5,776	1,278	419	7,686
4/4/2020	8,601	66,598	119	9,115	4,116	444	13,825
4/11/2020	13,783	71,784	129	10,832	6,120	447	18,613
4/18/2020	13,446	66,767	123	9,642	5,788	244	17,366
4/25/2020	9,775	56,914	106	7,303	4,150	123	12,967
5/2/2020	4,657	40,582	75	4,010	1,924	39	6,767
5/9/2020	1,182	17,410	33	1,341	492	5	2,036

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 5/9/2020.*

Updated May 13, 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	54,861	835,607	99	78,266	24,147	6,110	114,209
Alabama	266	14,330	92	915	79	87	1,189
Alaska	-	1,016	81	49	-	-	57
Arizona	396	18,648	103	1,351	189	108	1,666
Arkansas	57	9,075	96	629	17	71	740
California	1,772	78,841	97	6,929	1,033	557	8,225
Colorado	814	12,515	106	1,175	456	92	1,620
Connecticut	457	2,753	29	263	106	33	646
Delaware	115	2,477	91	172	45	15	257
District of Columbia	135	1,755	97	257	135	-	264
Florida	1,290	61,981	99	4,625	683	294	5,521
Georgia	785	22,964	92	1,618	347	99	2,155
Hawaii	11	3,188	93	208	-	19	234
Idaho	64	4,022	95	219	20	24	287
Illinois	2,220	34,358	109	3,464	1,186	173	4,668
Indiana	925	19,303	97	1,878	454	124	2,471
Iowa	165	8,475	94	607	34	82	820
Kansas	128	7,495	94	527	58	86	683
Kentucky	185	12,312	85	1,119	99	91	1,296
Louisiana	1,352	13,355	99	1,168	588	67	1,995
Maine	57	4,330	99	349	14	31	423
Maryland	1,229	16,068	108	1,555	464	117	2,422
Massachusetts	3,726	21,703	121	2,867	1,330	153	5,409
Michigan	2,874	31,238	108	3,381	1,405	229	5,075
Minnesota	397	13,122	100	984	122	115	1,373
Mississippi	292	9,293	100	848	134	51	1,057
Missouri	319	17,382	90	1,125	109	170	1,505

Montana	15	2,707	88	157	-	33	203
Nebraska	42	4,520	89	350	10	27	409
Nevada	199	7,318	95	641	159	37	718
New Hampshire	112	3,684	100	264	31	30	374
New Jersey	7,001	31,292	141	5,545	3,501	112	9,147
New Mexico	105	4,894	88	356	49	27	439
New York ⁷	6,651	37,413	125	6,270	3,375	196	9,726
New York City	14,605	36,853	230	7,776	5,490	920	17,020
North Carolina	24	15,304	54	921	-	177	1,113
North Dakota	16	1,743	83	160	-	19	190
Ohio	619	31,715	86	1,973	275	240	2,557
Oklahoma	178	10,059	85	912	67	97	1,117
Oregon	105	9,761	90	522	43	61	645
Pennsylvania	2,137	32,662	80	2,666	840	180	4,140
Rhode Island	130	2,679	85	173	39	24	288
South Carolina	198	14,636	101	899	75	94	1,116
South Dakota	21	2,203	90	172	-	21	205
Tennessee	174	20,795	94	1,553	85	120	1,762
Texas	742	57,248	96	4,294	316	321	5,039
Utah	46	5,442	97	309	15	40	380
Vermont	47	1,753	102	116	11	14	166
Virginia	619	20,586	101	1,224	211	107	1,737
Washington	690	15,961	94	1,352	364	101	1,775
West Virginia	25	5,379	79	397	-	57	474
Wisconsin	317	15,713	100	880	43	146	1,298
Wyoming	-	1,288	97	102	-	-	113
Puerto Rico	90	6,090	71	867	45	35	947

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 comprehensive picture of lives lost to COVID-19. These estimates 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. 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 for a number of reasons: **Death certificates take time to be completed.** There are many steps involved in completing 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 among jurisdictions. **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 manually, 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 additional 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 jurisdictions.** Some jurisdictions report deaths on a daily basis, while others report deaths weekly or monthly. In addition, 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.