



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 18, 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 18, 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 18, 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	62,515	876,866	97	83,333	27,542	6,180	123,593
2/1/2020	0	57,551	97	3,707	0	473	4,180
2/8/2020	1	58,151	97	3,706	0	507	4,214
2/15/2020	0	57,490	98	3,734	0	537	4,271
2/22/2020	2	57,527	99	3,603	0	553	4,158
2/29/2020	7	57,816	100	3,714	5	626	4,342
3/7/2020	32	57,408	99	3,799	16	608	4,422
3/14/2020	51	55,993	98	3,793	26	598	4,415
3/21/2020	517	56,213	99	4,309	237	521	5,104
3/28/2020	2,900	59,586	107	5,846	1,312	422	7,807
4/4/2020	8,921	67,586	121	9,270	4,278	445	14,138
4/11/2020	14,361	72,933	131	11,043	6,407	451	19,117
4/18/2020	14,243	68,528	127	9,985	6,149	247	18,145
4/25/2020	11,049	61,220	114	8,047	4,758	131	14,382
5/2/2020	7,069	49,828	92	5,528	2,961	46	9,666
5/9/2020	2,943	31,658	60	2,730	1,228	14	4,458
5/16/2020	419	7,378	14	519	165	1	774

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 18, 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	62,515	876,866	97	83,333	27,542	6,180	123,593
Alabama	349	15,062	91	968	97	87	1,306
Alaska	-	1,034	78	49	-	-	58
Arizona	472	19,522	102	1,438	230	109	1,789
Arkansas	66	9,478	94	657	20	73	776
California	2,004	82,167	96	7,264	1,174	559	8,652
Colorado	921	13,110	105	1,258	510	92	1,756
Connecticut	564	3,542	35	322	125	47	807
Delaware	185	2,697	93	205	71	15	334
District of Columbia	178	1,846	97	302	178	-	309
Florida	1,479	64,814	97	4,884	778	295	5,875
Georgia	956	24,250	91	1,768	441	100	2,383
Hawaii	15	3,369	92	225	-	19	254
Idaho	67	4,195	93	224	22	24	293
Illinois	2,288	35,515	106	3,554	1,227	173	4,785
Indiana	1,091	20,252	96	1,991	510	125	2,695
Iowa	200	8,738	91	622	41	82	863
Kansas	133	7,812	93	544	59	86	704
Kentucky	227	12,929	85	1,184	121	92	1,381
Louisiana	1,581	14,157	99	1,317	705	69	2,257
Maine	65	4,500	97	359	16	31	439
Maryland	1,382	16,864	107	1,638	513	119	2,612
Massachusetts	4,233	22,689	119	3,090	1,538	155	5,933
Michigan	3,452	33,093	108	3,744	1,734	231	5,689
Minnesota	474	13,698	98	1,023	138	116	1,474
Mississippi	336	9,613	97	900	154	51	1,133
Missouri	383	18,226	89	1,179	131	171	1,602

Montana	16	2,965	91	166	-	34	213
Nebraska	43	4,713	88	359	10	27	419
Nevada	243	7,679	94	688	185	38	784
New Hampshire	124	3,844	98	279	35	30	397
New Jersey	7,877	32,120	136	5,873	3,905	113	9,947
New Mexico	147	5,192	88	390	68	27	496
New York ⁷	7,413	39,095	123	6,635	3,742	199	10,489
New York City	15,757	38,545	226	8,238	6,006	930	18,120
North Carolina	149	16,995	57	1,087	58	183	1,361
North Dakota	17	1,743	78	160	-	19	190
Ohio	798	33,189	85	2,108	348	241	2,799
Oklahoma	202	10,565	83	970	81	99	1,187
Oregon	121	10,241	89	550	49	61	683
Pennsylvania	2,882	36,097	83	3,034	1,091	182	5,004
Rhode Island	233	2,863	85	229	82	24	404
South Carolina	267	15,294	99	956	96	94	1,221
South Dakota	21	2,203	85	172	-	21	205
Tennessee	205	21,852	93	1,629	93	122	1,863
Texas	876	59,747	94	4,510	377	324	5,331
Utah	58	5,742	96	323	22	40	399
Vermont	51	1,836	97	122	12	14	175
Virginia	761	21,583	100	1,312	265	109	1,915
Washington	747	16,242	89	1,403	398	102	1,850
West Virginia	36	5,625	78	415	-	57	501
Wisconsin	358	16,388	98	914	49	147	1,368
Wyoming	-	1,336	94	102	-	-	113
Puerto Rico	102	6,424	71	912	52	39	1,000

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.

