



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](#)

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Updated: May6, 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 6, 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 5/2/2020.***

Data as of May6, 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	44,016	771,637	97	70,251	19,453	5,971	99,942
2/1/2020	0	57,428	97	3,698	0	471	4,169
2/8/2020	1	57,748	97	3,685	0	497	4,183
2/15/2020	0	57,054	97	3,706	0	520	4,226
2/22/2020	1	57,019	98	3,573	0	540	4,114
2/29/2020	6	57,216	99	3,661	4	623	4,286
3/7/2020	29	56,782	98	3,764	17	595	4,370
3/14/2020	50	54,805	96	3,724	25	588	4,336
3/21/2020	499	54,882	97	4,220	226	503	4,990
3/28/2020	2,751	58,187	104	5,703	1,254	416	7,568
4/4/2020	8,333	65,581	117	8,924	3,995	439	13,484
4/11/2020	12,986	69,589	125	10,368	5,789	438	17,677
4/18/2020	12,037	62,265	115	8,728	5,111	226	15,713
4/25/2020	6,692	45,367	84	5,301	2,773	102	9,251
5/2/2020	631	17,714	29	1,196	259	13	1,575

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 5/2/2020.*

Data as of May6, 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	44,016	771,637	97	70,251	19,453	5,971	99,942
Alabama	208	13,289	91	844	60	85	1,077
Alaska	-	939	80	48	-	-	56
Arizona	294	17,233	102	1,233	147	106	1,486
Arkansas	44	8,437	94	574	13	67	672
California	1,419	73,702	97	6,403	826	555	7,551
Colorado	627	11,487	104	1,036	360	92	1,390
Connecticut	284	1,874	21	194	73	25	429
Delaware	53	2,194	79	129	24	14	172
District of Columbia	92	1,605	94	207	92	-	213
Florida	1,060	57,946	98	4,273	576	289	5,041
Georgia	581	21,143	90	1,443	266	94	1,852
Hawaii	-	2,963	92	196	-	19	221
Idaho	54	3,784	96	208	16	24	270
Illinois	1,585	31,500	106	2,987	867	172	3,874
Indiana	585	17,851	96	1,665	313	122	2,057
Iowa	120	7,927	93	566	26	81	741
Kansas	102	7,017	94	492	46	85	633
Kentucky	122	11,383	84	1,015	71	88	1,154
Louisiana	1,042	12,209	97	989	451	66	1,642
Maine	48	4,041	98	331	13	31	397
Maryland	840	14,723	104	1,345	323	111	1,964
Massachusetts	2,752	19,588	116	2,434	997	150	4,334
Michigan	2,238	29,029	107	2,973	1,094	224	4,338
Minnesota	258	12,165	99	908	90	113	1,188
Mississippi	207	8,594	98	780	96	51	942
Missouri	218	16,084	89	1,021	74	169	1,334

Montana	-	2,545	89	145	-	32	182
Nebraska	21	4,141	87	312	-	27	355
Nevada	173	6,601	92	579	137	37	652
New Hampshire	69	3,411	98	242	24	29	316
New Jersey	5,991	29,326	140	4,958	2,988	110	8,063
New Mexico	65	4,408	85	311	31	27	372
New York ⁷	5,442	34,045	121	5,530	2,806	191	8,342
New York City	12,600	33,681	223	6,849	4,648	890	14,924
North Carolina	0	12,975	49	789	0	152	941
North Dakota	13	1,658	84	151	-	19	179
Ohio	373	29,022	84	1,740	161	236	2,188
Oklahoma	136	9,473	85	847	51	96	1,025
Oregon	92	9,049	89	480	38	61	595
Pennsylvania	1,908	30,089	78	2,452	747	179	3,789
Rhode Island	72	2,374	80	140	19	23	216
South Carolina	169	13,617	100	836	65	93	1,033
South Dakota	11	2,058	90	161	-	21	190
Tennessee	143	19,271	93	1,448	71	120	1,640
Texas	551	52,885	94	3,928	224	315	4,568
Utah	32	5,130	97	295	12	39	354
Vermont	46	1,657	101	111	11	14	160
Virginia	367	18,875	98	1,046	117	105	1,400
Washington	608	15,576	97	1,300	327	99	1,676
West Virginia	15	5,241	82	383	-	57	453
Wisconsin	259	14,625	99	828	37	146	1,194
Wyoming	-	1,197	97	96	-	-	107
Puerto Rico	78	5,536	69	790	40	30	858

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.