

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](#)

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Updated: May 1, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of May 1, 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](#).

▼ **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 4/25/2020.***

Data as of May 1, 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	37,308	719,438	97	64,382	16,564	5,846	90,165
2/1/2020	0	57,266	97	3,688	0	469	4,157
2/8/2020	1	57,615	97	3,672	0	494	4,167
2/15/2020	0	56,878	97	3,693	0	517	4,210
2/22/2020	0	56,806	98	3,557	0	536	4,093
2/29/2020	5	56,843	99	3,626	3	619	4,247
3/7/2020	25	56,212	97	3,719	14	583	4,312
3/14/2020	49	53,968	95	3,676	25	578	4,277
3/21/2020	493	53,979	95	4,150	226	496	4,907
3/28/2020	2,712	57,430	103	5,624	1,235	410	7,463
4/4/2020	8,082	64,313	115	8,724	3,875	432	13,148
4/11/2020	12,262	66,577	120	9,841	5,468	430	16,744
4/18/2020	10,408	55,062	101	7,606	4,402	215	13,663
4/25/2020	3,271	26,489	49	2,806	1,316	67	4,777

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 4/25/2020.***

Data as of May 1, 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
United States ⁵	37,308	719,438	97	64,382	16,564	5,846
Alabama	152	12,426	91	769	42	83
Alaska	-	856	79	41	-	-
Arizona	194	15,859	101	1,115	102	105
Arkansas	32	7,872	94	527	10	67
California	1,224	69,721	98	6,029	714	552
Colorado	551	10,846	104	972	328	91
Connecticut	120	1,398	15	130	34	18
Delaware	53	2,034	85	123	24	14
District of Columbia	66	1,464	92	173	66	-
Florida	809	54,225	99	3,934	445	282
Georgia	460	19,740	91	1,306	212	94
Hawaii	-	2,830	94	185	-	18
Idaho	44	3,553	96	195	13	24
Illinois	1,296	29,232	104	2,724	722	171
Indiana	494	16,503	95	1,526	266	121
Iowa	78	7,447	94	531	20	80
Kansas	89	6,582	94	455	40	85
Kentucky	117	10,855	86	969	67	86
Louisiana	920	11,401	95	902	400	63
Maine	40	3,824	100	318	11	30
Maryland	710	13,780	105	1,256	286	110
Massachusetts	2,009	17,802	112	2,088	735	150
Michigan	1,851	26,994	106	2,657	892	221
Minnesota	169	11,352	99	832	60	113
Mississippi	186	8,064	99	737	90	51
Missouri	196	15,163	89	971	68	169
Montana	-	2,248	84	132	-	32
Nebraska	21	3,971	90	306	-	27
Nevada	134	6,431	96	534	106	36
New Hampshire	56	3,207	99	224	18	29

New Jersey	5,109	26,794	131	4,341	2,546	110
New Mexico	36	4,113	85	291	22	25
New York ⁶	4,920	32,144	122	5,148	2,541	188
New York City	11,425	31,247	219	6,285	4,199	862
North Carolina	0	10,727	43	639	0	127
North Dakota	-	1,546	85	140	-	18
Ohio	172	27,169	82	1,554	74	227
Oklahoma	117	8,768	84	782	43	90
Oregon	77	8,438	89	453	34	59
Pennsylvania	1,385	28,073	78	2,164	552	176
Rhode Island	55	2,235	82	124	13	23
South Carolina	150	12,807	101	786	56	91
South Dakota	-	1,898	89	149	-	21
Tennessee	134	18,441	95	1,386	67	119
Texas	446	49,284	93	3,669	179	311
Utah	30	4,697	96	279	11	39
Vermont	42	1,570	104	108	10	14
Virginia	351	17,751	99	1,000	112	104
Washington	527	14,141	95	1,176	281	98
West Virginia	13	5,048	85	369	-	57
Wisconsin	209	13,718	100	786	32	145
Wyoming	-	1,149	99	92	-	-
Puerto Rico	65	5,201	0	737	33	28

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.

*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.

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.

⁵United States death count includes the 50 states, plus the District of Columbia and New York City.

⁶Excludes 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.