

National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

Contents


Daily Updates of Totals by Week and State

[Weekly Updates by Select Demographic and Geographic Characteristics](#)

[Excess Deaths Associated with COVID-19](#)


[Technical Notes](#)

Updated: June 30, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of June 30, 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 2019 (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 deaths involving COVID-19 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 6/27/2020.*

Updated June 30, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	111,760	1,265,939	103	121,862	48,348	6,470	190,805
2/1/2020	0	58,228	98	3,768	0	478	4,246
2/8/2020	1	58,839	98	3,761	0	517	4,279
2/15/2020	0	57,998	98	3,777	0	549	4,326
2/22/2020	5	57,923	100	3,642	1	558	4,204
2/29/2020	5	58,263	101	3,765	3	639	4,406
3/7/2020	33	58,530	101	3,902	16	621	4,539
3/14/2020	52	57,448	101	3,885	27	611	4,520
3/21/2020	552	58,077	102	4,469	246	543	5,311
3/28/2020	3,058	62,114	111	6,055	1,377	440	8,126
4/4/2020	9,514	70,888	127	9,637	4,547	461	14,842
4/11/2020	15,716	77,586	140	11,728	7,041	468	20,533
4/18/2020	16,368	74,974	139	11,000	6,993	260	20,449
4/25/2020	14,127	71,231	132	9,727	6,046	143	17,855
5/2/2020	11,697	66,157	123	8,267	4,955	62	15,051
5/9/2020	10,782	64,081	121	7,542	4,570	46	13,791
5/16/2020	8,835	60,836	116	6,449	3,657	19	11,643
5/23/2020	6,779	57,093	109	5,506	2,835	20	9,468
5/30/2020	5,637	54,039	103	4,790	2,285	10	8,152
6/6/2020	4,240	51,470	97	4,236	1,849	10	6,637
6/13/2020	2,932	45,990	83	3,333	1,294	10	4,978
6/20/2020	1,270	32,813	52	2,049	545	4	2,778
6/27/2020	157	11,361	16	574	61	1	671

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. Counts of deaths occurring before or after the reporting period are not included in the table. 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 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).

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza 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 6/27/2020.***

Updated June 30, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	111,760	1,265,939	103	121,862	48,348	6,470	190,805
Alabama	893	22,032	95	1,490	266	95	2,209
Alaska	11	1,628	88	77	-	-	88
Arizona	1,244	27,860	108	2,234	652	113	2,939
Arkansas	233	13,484	99	916	87	75	1,137
California	5,089	117,234	101	10,805	2,825	575	13,643
Colorado	1,520	18,477	110	1,754	784	95	2,580
Connecticut	3,476	11,179	83	1,289	798	68	4,033
Delaware	460	3,992	94	349	175	16	650
District of Columbia	542	3,034	116	700	536	-	715
Florida	2,930	91,429	100	7,028	1,508	307	8,748
Georgia	2,032	35,862	97	2,726	917	109	3,949
Hawaii	16	4,732	95	296	-	20	326
Idaho	90	5,932	96	287	26	25	376
Illinois	5,969	51,676	115	5,998	3,021	176	9,119
Indiana	2,375	29,379	99	2,900	992	131	4,410

Iowa	673	12,645	97	942	198	84	1,501
Kansas	241	10,903	94	731	103	89	958
Kentucky	517	18,923	92	1,752	260	97	2,105
Louisiana	2,613	20,801	106	2,061	1,211	71	3,529
Maine	106	6,133	97	441	25	31	553
Maryland	3,201	24,824	115	2,699	1,201	125	4,808
Massachusetts	7,216	32,042	126	4,546	2,612	161	9,303
Michigan	5,179	45,774	111	5,024	2,562	239	7,876
Minnesota	1,300	19,722	104	1,532	373	121	2,579
Mississippi	894	14,129	104	1,415	420	51	1,940
Missouri	851	26,318	95	1,670	286	176	2,411
Montana	20	4,047	90	211	-	34	261
Nebraska	221	6,877	95	528	80	28	697
Nevada	443	10,989	97	990	326	39	1,146
New Hampshire	332	5,512	103	395	96	30	660
New Jersey	12,831	46,443	143	8,678	6,307	118	15,306
New Mexico	394	7,717	96	605	167	29	861
New York ⁷	10,420	53,737	126	8,708	5,089	206	14,228
New York City	19,103	47,796	208	9,849	7,393	945	21,687
North Carolina	859	30,450	75	2,146	318	225	2,910
North Dakota	65	2,396	79	203	22	19	265
Ohio	2,256	50,073	94	3,364	947	254	4,926
Oklahoma	359	15,472	89	1,370	137	107	1,693
Oregon	196	14,669	93	743	73	64	929
Pennsylvania	6,596	56,712	95	5,118	2,415	195	9,491
Rhode Island	822	4,722	104	525	318	25	1,054
South Carolina	659	21,916	105	1,424	259	98	1,921
South Dakota	78	3,008	86	245	33	26	316
Tennessee	456	31,100	95	2,285	186	127	2,682
Texas	2,141	85,703	100	6,537	942	341	8,073
Utah	153	8,123	99	450	57	40	586
Vermont	53	2,532	101	145	12	16	202
Virginia	1,702	30,263	103	1,902	579	111	3,134

Washington	1,102	23,189	95	1,876	582	111	2,502
West Virginia	94	7,518	78	561	30	58	683
Wisconsin	718	22,953	100	1,222	120	150	1,968
Wyoming	16	1,878	98	120	-	-	139
Puerto Rico	138	10,930	93	1,408	73	61	1,533

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. Counts of deaths occurring before or after the reporting period are not included in the table.

*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 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.

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza 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 the 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 and 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. Counts by NCHS 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 2019 \(COVID-19\) Technical Notes](#) page.

