



National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease (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 1, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of June 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 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 5/30/2020.*

Updated June 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	84,735	1,001,159	100	97,880	37,020	6,320	150,991
2/1/2020	0	57,642	97	3,722	0	475	4,197
2/8/2020	1	58,288	98	3,717	0	512	4,230
2/15/2020	0	57,631	98	3,751	0	543	4,294
2/22/2020	2	57,705	99	3,621	0	554	4,177
2/29/2020	5	58,050	101	3,742	3	631	4,375
3/7/2020	32	57,879	100	3,838	16	615	4,468
3/14/2020	51	56,695	99	3,836	26	602	4,462
3/21/2020	541	57,164	101	4,381	245	531	5,202
3/28/2020	3,002	60,888	109	5,943	1,355	431	7,972
4/4/2020	9,370	69,099	124	9,444	4,494	454	14,551
4/11/2020	15,381	74,740	135	11,405	6,899	459	20,010
4/18/2020	15,823	71,426	132	10,580	6,786	253	19,687
4/25/2020	13,263	66,685	124	9,161	5,728	139	16,739
5/2/2020	10,467	60,938	113	7,572	4,510	55	13,565
5/9/2020	9,101	56,631	107	6,482	3,851	41	11,764
5/16/2020	5,786	46,801	89	4,486	2,372	15	7,914
5/23/2020	1,688	26,813	51	1,885	657	10	2,926
5/30/2020	222	6,084	12	314	78	0	458

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 5/30/2020.*

Updated June 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	Deaths with Pneumonia, Influenza, or COVID-19 U07.1 or J09–J18.9) ⁵
United States ⁶	84,735	1,001,159	100	97,880	37,020	6,320	150,991
Alabama	531	17,211	93	1,131	151	90	1,599
Alaska	-	1,264	86	60	-	-	70
Arizona	631	21,201	99	1,602	320	109	2,022
Arkansas	100	10,369	92	710	26	74	858
California	3,074	93,239	97	8,399	1,721	564	10,315
Colorado	1,185	14,849	107	1,448	633	93	2,088
Connecticut	1,405	5,504	49	561	304	56	1,717
Delaware	298	3,168	98	262	115	16	461
District of Columbia	314	2,282	106	459	314	-	466
Florida	1,957	73,452	99	5,577	1,014	302	6,815
Georgia	1,408	28,050	94	2,116	647	105	2,982
Hawaii	16	3,760	92	242	-	20	272
Idaho	77	4,743	94	245	24	25	323
Illinois	3,724	39,825	106	4,427	1,934	176	6,390
Indiana	1,656	23,253	99	2,321	714	128	3,388
Iowa	359	10,074	94	728	95	84	1,076
Kansas	180	8,762	94	613	79	88	802
Kentucky	335	14,774	87	1,353	169	94	1,612
Louisiana	2,031	16,484	101	1,610	917	71	2,790
Maine	83	5,014	97	388	19	31	483
Maryland	2,175	19,616	111	2,048	799	123	3,531
Massachusetts	5,835	26,362	124	3,772	2,094	159	7,664
Michigan	4,044	36,380	106	4,122	2,049	234	6,347
Minnesota	780	15,536	100	1,197	236	118	1,858
Mississippi	536	11,194	101	1,091	241	51	1,437
Missouri	548	20,830	91	1,353	191	172	1,882

Montana	16	3,336	92	178	-	34	225
Nebraska	116	5,502	92	431	40	28	535
Nevada	330	8,710	96	798	243	39	924
New Hampshire	203	4,425	101	329	65	30	496
New Jersey	10,832	38,922	148	7,376	5,327	116	12,983
New Mexico	236	5,947	91	449	95	27	617
New York ⁷	9,145	44,942	127	7,658	4,542	201	12,445
New York City	18,059	42,525	224	9,210	7,004	940	20,393
North Carolina	328	19,491	58	1,310	130	202	1,710
North Dakota	32	1,876	75	171	12	19	210
Ohio	1,331	38,532	89	2,536	565	248	3,549
Oklahoma	252	11,405	81	1,056	103	102	1,302
Oregon	158	11,586	90	613	60	61	771
Pennsylvania	5,185	43,210	90	4,119	1,966	186	7,521
Rhode Island	445	3,423	92	340	175	24	634
South Carolina	397	17,397	101	1,105	158	96	1,439
South Dakota	44	2,498	87	205	17	25	257
Tennessee	292	24,726	95	1,837	127	124	2,126
Texas	1,230	67,370	95	5,102	522	331	6,138
Utah	84	6,208	93	346	33	40	437
Vermont	52	2,063	102	127	12	15	182
Virginia	1,222	24,861	103	1,546	410	111	2,467
Washington	918	18,610	92	1,602	496	108	2,127
West Virginia	64	6,557	82	480	18	58	584
Wisconsin	467	18,339	98	1,013	77	150	1,551
Wyoming	-	1,502	95	108	-	-	120
Puerto Rico	118	8,670	85	1,182	61	58	1,296

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.

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.

