



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](#)

[Health Disparities: Race and Hispanic Origin](#)

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

[Index of Available Data Files](#)

[Technical Notes](#)

Updated: September 14, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 14, 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.

For the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, [click here](#).

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 9/12/2020.***

Updated September 14, 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	179,640	1,933,629	109	183,768	80,435	6,681	288,664
2/1/2020	0	58,574	99	3,796	0	479	4,275
2/8/2020	1	59,283	99	3,799	0	520	4,320
2/15/2020	0	58,693	100	3,824	0	558	4,382
2/22/2020	5	58,728	101	3,698	1	564	4,266
2/29/2020	9	59,158	103	3,822	5	654	4,480
3/7/2020	35	59,544	103	3,957	17	632	4,606
3/14/2020	53	58,466	102	3,958	28	625	4,607
3/21/2020	571	59,035	104	4,534	252	560	5,406
3/28/2020	3,152	62,869	113	6,165	1,424	442	8,285
4/4/2020	10,008	72,122	129	9,903	4,748	479	15,406
4/11/2020	16,165	78,853	142	11,979	7,220	474	21,058
4/18/2020	17,049	76,524	141	11,376	7,297	266	21,205
4/25/2020	15,410	73,595	137	10,349	6,590	143	19,216
5/2/2020	13,123	68,990	128	8,918	5,500	65	16,586
5/9/2020	11,149	66,550	126	7,814	4,699	47	14,301
5/16/2020	9,144	64,182	122	6,733	3,761	21	12,134
5/23/2020	7,139	61,291	118	5,850	2,950	24	10,058
5/30/2020	6,091	59,322	114	5,238	2,467	12	8,874
6/6/2020	4,969	58,472	112	4,860	2,131	11	7,709
6/13/2020	4,173	57,569	111	4,493	1,850	11	6,824

6/20/2020	3,782	57,406	111	4,323	1,589	7	6,522
6/27/2020	3,741	57,824	112	4,195	1,535	10	6,410
7/4/2020	4,407	58,772	113	4,465	1,955	4	6,918
7/11/2020	5,571	60,181	117	5,382	2,642	9	8,320
7/18/2020	6,909	60,895	119	5,960	3,339	12	9,539
7/25/2020	7,828	61,347	121	6,447	3,797	10	10,483
8/1/2020	7,653	60,360	118	6,350	3,750	12	10,259
8/8/2020	7,118	59,547	116	6,220	3,589	8	9,754
8/15/2020	6,146	56,955	112	5,630	3,119	5	8,659
8/22/2020	4,718	52,305	103	4,693	2,398	8	7,019
8/29/2020	2,750	42,909	83	3,198	1,370	8	4,584
9/5/2020	678	26,644	52	1,495	358	1	1,816
9/12/2020	93	6,664	13	344	54	0	383

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 9/12/2020.*

Updated September 14, 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	179,640	1,933,629	109	183,768	80,435	6,681	288,664
Alabama	2,809	35,415	107	2,680	904	100	4,680

Alaska	34	2,584	96	114	18	-	136
Arizona	4,763	46,096	123	5,014	2,715	115	7,177
Arkansas	900	20,850	105	1,621	398	77	2,199
California	13,348	181,374	108	18,499	7,486	580	24,939
Colorado	1,894	27,243	111	2,259	976	95	3,267
Connecticut	4,360	20,818	106	1,849	945	73	5,334
Delaware	557	6,313	109	473	217	16	829
District of Columbia	730	4,510	118	938	697	-	980
Florida	12,241	146,358	112	14,282	6,350	327	20,479
Georgia	5,052	57,256	108	4,926	2,290	112	7,798
Hawaii	73	7,118	97	422	32	20	483
Idaho	390	9,254	104	508	143	25	780
Illinois	7,432	75,212	114	7,640	3,643	179	11,605
Indiana	3,303	43,491	105	3,997	1,368	133	6,061
Iowa	1,152	19,298	103	1,348	336	84	2,248
Kansas	562	16,766	102	1,102	236	89	1,517
Kentucky	995	29,402	98	2,642	471	99	3,264
Louisiana	4,395	32,412	113	3,396	2,148	74	5,711
Maine	149	9,300	102	597	32	31	745
Maryland	4,098	35,925	115	3,570	1,504	126	6,274
Massachusetts	7,998	43,589	117	5,279	2,853	164	10,580
Michigan	6,069	67,541	111	6,350	2,948	242	9,708
Minnesota	1,810	29,071	105	2,097	510	121	3,517
Mississippi	2,416	22,686	115	2,701	1,242	55	3,928
Missouri	1,631	40,426	100	2,518	560	180	3,769
Montana	106	6,357	98	315	29	34	426
Nebraska	411	10,636	100	786	155	28	1,070
Nevada	1,275	17,541	108	1,938	965	41	2,289
New Hampshire	416	8,104	105	496	114	30	827
New Jersey	14,176	61,904	134	9,863	6,845	121	17,301
New Mexico	748	12,105	105	929	326	29	1,380
New York?	11,553	74,425	119	10,390	5,571	211	16,564
New York City	20,678	59,454	177	11,020	7,944	967	23,888
North Carolina	2,191	50,283	85	3,615	844	230	5,190

North Dakota	164	4,329	98	372	62	20	494
Ohio	3,838	76,861	100	5,110	1,629	263	7,581
Oklahoma	894	24,269	98	2,164	343	111	2,820
Oregon	439	22,616	99	1,068	147	65	1,424
Pennsylvania	8,071	88,730	105	6,876	2,886	253	12,310
Rhode Island	1,022	6,901	105	683	394	25	1,336
South Carolina	2,636	34,564	113	2,835	1,121	100	4,448
South Dakota	181	4,895	96	392	80	27	520
Tennessee	1,754	48,563	104	3,883	819	134	4,951
Texas	13,580	141,887	112	14,958	6,820	360	22,066
Utah	420	12,609	105	723	149	40	1,034
Vermont	59	3,662	102	178	14	16	239
Virginia	2,758	45,903	108	2,837	976	114	4,731
Washington	1,741	36,717	103	2,723	885	113	3,687
West Virginia	188	12,667	90	904	64	58	1,086
Wisconsin	1,147	34,469	104	1,715	220	150	2,790
Wyoming	33	2,870	101	173	11	-	204
Puerto Rico	397	16,213	88	2,027	236	66	2,252

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.

