

National Center for Health Statistics

Daily Updates of Totals by Week and State

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

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Updated: August 17, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 17, 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 8/15/2020.***

Updated August 17, 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	153,727	1,691,925	108	159,990	67,390	6,615	251,969
2/1/2020	0	58,482	99	3,788	0	479	4,267
2/8/2020	1	59,233	99	3,793	0	520	4,314
2/15/2020	0	58,605	100	3,815	0	555	4,370
2/22/2020	5	58,656	101	3,688	1	564	4,256
2/29/2020	9	59,093	103	3,813	4	653	4,471
3/7/2020	35	59,378	103	3,945	17	631	4,593
3/14/2020	52	58,081	102	3,931	27	615	4,570
3/21/2020	570	58,723	104	4,516	252	553	5,380
3/28/2020	3,151	62,702	112	6,155	1,426	440	8,270
4/4/2020	9,981	71,966	129	9,881	4,740	478	15,364
4/11/2020	16,136	78,714	142	11,955	7,211	473	21,012
4/18/2020	17,020	76,389	141	11,359	7,289	265	21,166
4/25/2020	15,369	73,430	136	10,327	6,585	143	19,158
5/2/2020	13,101	68,862	128	8,904	5,498	65	16,552
5/9/2020	11,110	66,386	126	7,788	4,685	47	14,250
5/16/2020	9,113	64,022	122	6,708	3,753	20	12,085
5/23/2020	7,111	61,092	117	5,818	2,941	23	10,007
5/30/2020	6,063	59,040	114	5,202	2,456	12	8,821
6/6/2020	4,937	58,084	111	4,825	2,120	11	7,653
6/13/2020	4,139	57,037	110	4,458	1,843	11	6,762

6/20/2020	3,729	56,494	109	4,260	1,571	6	6,424
6/27/2020	3,672	56,250	109	4,079	1,507	10	6,253
7/4/2020	4,254	56,379	108	4,295	1,897	4	6,653
7/11/2020	5,232	57,017	111	5,068	2,486	8	7,822
7/18/2020	6,200	56,505	110	5,436	2,973	11	8,671
7/25/2020	6,357	54,460	107	5,404	3,041	8	8,725
8/1/2020	4,615	47,823	93	4,249	2,196	8	6,674
8/8/2020	1,625	31,667	61	2,128	793	2	2,962
8/15/2020	140	7,355	14	402	78	0	464

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 8/15/2020.***

Updated August 17, 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	153,727	1,691,925	108	159,990	67,390	6,615	251,969
Alabama	2,004	30,456	104	2,170	603	100	3,665
Alaska	19	2,142	90	90	-	-	106
Arizona	3,935	40,147	121	4,328	2,259	115	6,119
Arkansas	597	18,059	103	1,312	252	76	1,733
California	10,082	157,772	106	15,600	5,617	578	20,641

Colorado	1,778	23,972	111	2,078	918	95	3,028
Connecticut	4,228	18,670	107	1,754	931	73	5,121
Delaware	540	5,586	110	439	215	16	780
District of Columbia	690	4,039	120	876	661	-	914
Florida	7,698	125,424	108	10,754	3,762	316	14,993
Georgia	3,589	49,076	105	3,885	1,595	111	5,988
Hawaii	25	6,225	96	363	-	20	400
Idaho	239	7,882	100	401	77	25	588
Illinois	7,030	66,970	115	7,109	3,479	178	10,835
Indiana	2,975	38,388	105	3,599	1,222	133	5,481
Iowa	940	16,821	101	1,175	276	84	1,923
Kansas	401	14,607	100	940	171	89	1,259
Kentucky	777	25,631	96	2,313	365	99	2,823
Louisiana	3,726	28,414	113	2,881	1,777	74	4,898
Maine	141	8,120	101	547	30	31	689
Maryland	3,868	31,960	116	3,296	1,423	126	5,851
Massachusetts	7,885	39,495	120	5,080	2,828	163	10,292
Michigan	5,851	59,521	111	5,900	2,850	241	9,137
Minnesota	1,650	25,760	106	1,896	453	121	3,213
Mississippi	1,766	19,587	112	2,176	873	53	3,122
Missouri	1,280	35,252	99	2,154	429	178	3,183
Montana	60	5,526	97	268	-	34	354
Nebraska	325	9,255	99	688	125	28	916
Nevada	881	15,078	105	1,512	653	41	1,781
New Hampshire	403	7,225	106	459	110	30	781
New Jersey	14,039	56,830	139	9,586	6,796	121	16,936
New Mexico	648	10,598	104	849	285	29	1,241
New York ⁷	11,414	67,243	122	9,939	5,523	210	16,022
New York City	20,589	55,560	187	10,769	7,923	964	23,566
North Carolina	1,563	43,357	82	3,070	589	228	4,270
North Dakota	130	3,802	97	325	43	20	432
Ohio	3,166	67,288	99	4,431	1,330	261	6,527
Oklahoma	609	20,999	96	1,821	234	110	2,300
Oregon	337	19,749	97	961	114	65	1,248

Pennsylvania	7,568	76,911	103	6,237	2,717	231	11,315
Rhode Island	985	5,988	104	630	377	25	1,263
South Carolina	1,695	29,412	108	2,174	677	100	3,290
South Dakota	163	4,339	96	343	72	26	460
Tennessee	1,160	42,180	103	3,213	503	132	4,001
Texas	8,851	120,970	108	11,499	4,272	350	16,422
Utah	330	11,010	105	621	117	40	874
Vermont	59	3,265	102	166	14	16	227
Virginia	2,419	40,648	108	2,503	830	114	4,204
Washington	1,490	32,076	101	2,427	771	113	3,254
West Virginia	127	9,790	79	708	42	58	851
Wisconsin	975	30,292	104	1,523	173	150	2,473
Wyoming	27	2,558	103	152	-	-	179
Puerto Rico	239	14,026	86	1,732	130	64	1,903

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.

