

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 18, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 18, 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 18, 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	154,811	1,702,847	109	161,042	67,899	6,616	253,597
2/1/2020	0	58,489	99	3,788	0	479	4,267
2/8/2020	1	59,239	99	3,794	0	520	4,315
2/15/2020	0	58,606	100	3,816	0	555	4,371
2/22/2020	5	58,661	101	3,688	1	564	4,256
2/29/2020	9	59,095	103	3,813	4	653	4,471
3/7/2020	35	59,381	103	3,946	17	631	4,594
3/14/2020	52	58,103	102	3,933	27	615	4,572
3/21/2020	570	58,749	104	4,518	252	553	5,382
3/28/2020	3,149	62,715	112	6,157	1,425	440	8,271
4/4/2020	9,984	71,971	129	9,884	4,742	478	15,368
4/11/2020	16,135	78,714	142	11,955	7,211	473	21,011
4/18/2020	17,022	76,391	141	11,361	7,291	265	21,168
4/25/2020	15,368	73,433	136	10,330	6,584	143	19,161
5/2/2020	13,101	68,866	128	8,905	5,497	65	16,554
5/9/2020	11,112	66,397	126	7,789	4,686	47	14,252
5/16/2020	9,114	64,035	122	6,709	3,753	20	12,087
5/23/2020	7,112	61,106	117	5,821	2,942	23	10,010
5/30/2020	6,064	59,064	114	5,205	2,456	12	8,825
6/6/2020	4,937	58,103	111	4,827	2,121	11	7,654
6/13/2020	4,142	57,068	110	4,460	1,843	11	6,767

6/20/2020	3,734	56,562	109	4,266	1,574	6	6,432
6/27/2020	3,678	56,348	110	4,091	1,509	10	6,269
7/4/2020	4,267	56,628	109	4,309	1,902	4	6,675
7/11/2020	5,273	57,357	112	5,095	2,499	9	7,878
7/18/2020	6,265	56,961	111	5,489	3,008	11	8,754
7/25/2020	6,467	55,181	108	5,492	3,102	8	8,862
8/1/2020	4,927	49,385	96	4,471	2,354	8	7,050
8/8/2020	2,065	35,131	68	2,503	987	2	3,583
8/15/2020	223	11,108	22	627	112	0	738

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 18, 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	154,811	1,702,847	109	161,042	67,899	6,616	253,597
Alabama	2,067	30,717	105	2,201	625	100	3,737
Alaska	19	2,169	92	92	-	-	108
Arizona	3,981	40,285	121	4,358	2,285	115	6,169
Arkansas	596	18,059	103	1,312	251	76	1,733
California	10,266	158,975	107	15,755	5,722	578	20,875

Colorado	1,788	24,127	111	2,088	925	95	3,041
Connecticut	4,228	18,670	107	1,754	931	73	5,121
Delaware	540	5,586	110	439	215	16	780
District of Columbia	692	4,052	121	880	663	-	918
Florida	7,705	125,579	108	10,766	3,768	316	15,006
Georgia	3,668	49,445	106	3,946	1,637	111	6,086
Hawaii	26	6,284	97	367	-	20	404
Idaho	244	7,910	101	406	80	25	595
Illinois	7,030	66,970	115	7,109	3,479	178	10,835
Indiana	2,981	38,704	106	3,622	1,225	133	5,507
Iowa	946	16,942	102	1,185	280	84	1,935
Kansas	418	14,747	101	960	180	89	1,287
Kentucky	792	25,824	97	2,334	372	99	2,852
Louisiana	3,756	28,504	113	2,900	1,792	74	4,932
Maine	141	8,177	101	549	30	31	691
Maryland	3,884	32,129	116	3,303	1,427	126	5,870
Massachusetts	7,895	39,623	120	5,087	2,830	164	10,308
Michigan	5,864	60,406	113	5,945	2,855	241	9,190
Minnesota	1,658	25,942	106	1,909	455	121	3,232
Mississippi	1,811	19,666	113	2,192	886	53	3,170
Missouri	1,290	35,496	99	2,166	430	178	3,204
Montana	60	5,526	97	268	-	34	354
Nebraska	325	9,255	99	688	125	28	916
Nevada	900	15,207	106	1,537	667	41	1,811
New Hampshire	403	7,247	106	459	110	30	781
New Jersey	14,034	56,830	139	9,587	6,793	121	16,935
New Mexico	654	10,683	105	851	286	29	1,248
New York ⁷	11,425	67,673	123	9,982	5,530	210	16,069
New York City	20,597	55,931	188	10,806	7,924	964	23,610
North Carolina	1,651	43,446	83	3,106	624	228	4,359
North Dakota	130	3,802	97	325	43	20	432
Ohio	3,236	68,425	101	4,499	1,351	261	6,644
Oklahoma	617	21,040	96	1,828	237	110	2,312
Oregon	343	19,899	98	964	117	65	1,254

Pennsylvania	7,572	77,544	103	6,266	2,719	231	11,346
Rhode Island	986	6,003	104	631	378	25	1,264
South Carolina	1,946	30,596	113	2,356	794	100	3,606
South Dakota	163	4,463	99	354	72	26	471
Tennessee	1,201	42,477	103	3,259	529	132	4,062
Texas	8,851	120,970	108	11,499	4,272	350	16,422
Utah	330	11,012	105	621	117	40	874
Vermont	59	3,282	103	166	14	16	227
Virginia	2,419	40,648	108	2,503	830	114	4,204
Washington	1,493	32,384	102	2,439	774	113	3,266
West Virginia	128	10,527	84	743	42	58	887
Wisconsin	975	30,424	104	1,528	173	150	2,478
Wyoming	27	2,565	103	152	-	-	179
Puerto Rico	253	14,097	87	1,744	136	64	1,923

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.

