



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 21, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 21, 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 21, 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	159,865	1,737,141	111	165,000	70,354	6,628	260,162
2/1/2020	0	58,504	99	3,788	0	479	4,267
2/8/2020	1	59,250	99	3,794	0	520	4,315
2/15/2020	0	58,645	100	3,819	0	554	4,373
2/22/2020	5	58,692	101	3,690	1	564	4,258
2/29/2020	10	59,116	103	3,816	5	654	4,475
3/7/2020	35	59,430	103	3,949	17	631	4,597
3/14/2020	52	58,144	102	3,939	27	617	4,580
3/21/2020	570	58,791	104	4,520	252	556	5,387
3/28/2020	3,150	62,758	112	6,159	1,425	440	8,274
4/4/2020	9,993	72,009	129	9,889	4,745	478	15,379
4/11/2020	16,146	78,734	142	11,956	7,211	473	21,023
4/18/2020	17,030	76,405	141	11,362	7,291	265	21,177
4/25/2020	15,380	73,451	136	10,331	6,583	143	19,175
5/2/2020	13,103	68,883	128	8,909	5,496	65	16,561
5/9/2020	11,123	66,431	126	7,795	4,690	47	14,265
5/16/2020	9,123	64,068	122	6,714	3,757	20	12,097
5/23/2020	7,117	61,144	117	5,829	2,943	24	10,022
5/30/2020	6,070	59,122	114	5,211	2,456	12	8,837
6/6/2020	4,942	58,194	111	4,839	2,126	11	7,666
6/13/2020	4,150	57,232	110	4,473	1,845	11	6,786

6/20/2020	3,746	56,893	110	4,284	1,578	7	6,458
6/27/2020	3,693	56,977	111	4,123	1,515	10	6,310
7/4/2020	4,309	57,350	110	4,357	1,916	4	6,751
7/11/2020	5,364	58,042	113	5,178	2,545	9	8,006
7/18/2020	6,489	57,972	113	5,624	3,115	12	9,007
7/25/2020	7,034	57,233	112	5,835	3,372	9	9,502
8/1/2020	6,139	53,810	105	5,268	2,960	9	8,453
8/8/2020	4,053	44,730	87	3,941	1,989	4	6,009
8/15/2020	1,038	25,131	49	1,608	494	0	2,152

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 21, 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	159,865	1,737,141	111	165,000	70,354	6,628	260,162
Alabama	2,189	31,514	108	2,282	667	100	3,898
Alaska	20	2,253	95	94	10	-	110
Arizona	4,164	41,172	124	4,506	2,396	115	6,389
Arkansas	646	18,491	105	1,357	272	76	1,807
California	10,857	162,366	109	16,246	6,047	578	21,632

Colorado	1,815	24,605	114	2,122	938	95	3,089
Connecticut	4,266	19,093	109	1,767	931	73	5,172
Delaware	545	5,801	114	452	215	16	798
District of Columbia	698	4,131	123	887	668	-	926
Florida	8,749	129,135	111	11,426	4,288	318	16,191
Georgia	3,883	50,614	108	4,086	1,725	111	6,353
Hawaii	26	6,386	99	374	-	20	411
Idaho	273	8,203	104	429	97	25	630
Illinois	7,034	67,562	116	7,137	3,483	178	10,863
Indiana	3,036	39,482	108	3,683	1,249	133	5,599
Iowa	968	17,241	104	1,210	286	84	1,976
Kansas	433	15,023	103	980	188	89	1,314
Kentucky	830	26,320	99	2,370	389	99	2,909
Louisiana	3,921	29,272	116	3,022	1,871	74	5,140
Maine	141	8,296	103	554	30	31	696
Maryland	3,928	32,586	118	3,337	1,442	126	5,933
Massachusetts	7,912	40,257	122	5,110	2,834	164	10,344
Michigan	5,873	60,482	113	5,952	2,857	241	9,204
Minnesota	1,671	26,290	108	1,930	459	121	3,262
Mississippi	1,917	20,158	116	2,273	949	53	3,294
Missouri	1,341	35,936	101	2,208	447	178	3,280
Montana	78	5,738	100	285	17	34	380
Nebraska	346	9,483	101	710	134	28	950
Nevada	963	15,594	108	1,598	719	41	1,883
New Hampshire	406	7,347	108	467	112	30	790
New Jersey	14,059	57,444	140	9,621	6,802	121	16,985
New Mexico	682	10,961	107	868	297	29	1,282
New York ⁷	11,448	68,454	124	10,025	5,536	211	16,129
New York City	20,607	56,177	189	10,823	7,929	964	23,632
North Carolina	1,696	44,973	86	3,187	642	228	4,467
North Dakota	132	3,868	99	328	45	20	435
Ohio	3,340	69,858	103	4,595	1,400	261	6,795
Oklahoma	666	21,527	98	1,896	260	109	2,405
Oregon	368	20,309	100	980	124	65	1,288

Pennsylvania	7,738	79,482	106	6,403	2,773	238	11,602
Rhode Island	989	6,161	107	638	380	25	1,272
South Carolina	1,950	30,737	113	2,362	796	100	3,614
South Dakota	163	4,463	99	354	72	26	471
Tennessee	1,284	43,464	106	3,359	574	133	4,201
Texas	10,230	124,727	112	12,371	4,986	352	17,959
Utah	352	11,344	108	645	124	40	913
Vermont	59	3,301	103	165	14	16	226
Virginia	2,431	41,060	109	2,520	834	114	4,229
Washington	1,567	33,167	105	2,504	804	113	3,375
West Virginia	138	11,172	90	788	43	58	941
Wisconsin	1,009	31,022	106	1,556	181	150	2,532
Wyoming	28	2,639	106	158	-	-	186
Puerto Rico	276	14,264	88	1,777	151	64	1,964

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.

