



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: September 8, 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 8, 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 9/5/2020.***

Updated September 8, 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	174,626	1,881,375	109	178,866	77,823	6,668	281,350
2/1/2020	0	58,568	99	3,795	0	479	4,274
2/8/2020	1	59,282	99	3,797	0	520	4,318
2/15/2020	0	58,688	100	3,824	0	558	4,382
2/22/2020	5	58,723	101	3,698	1	564	4,266
2/29/2020	9	59,149	103	3,821	5	654	4,479
3/7/2020	35	59,507	103	3,953	17	631	4,601
3/14/2020	52	58,303	102	3,946	27	620	4,590
3/21/2020	571	58,966	104	4,527	252	560	5,399
3/28/2020	3,151	62,853	113	6,164	1,424	442	8,283
4/4/2020	10,007	72,108	129	9,902	4,749	478	15,402
4/11/2020	16,160	78,837	142	11,975	7,217	474	21,052
4/18/2020	17,039	76,505	141	11,373	7,293	266	21,196
4/25/2020	15,401	73,569	137	10,344	6,587	143	19,205
5/2/2020	13,114	68,960	128	8,917	5,499	65	16,577
5/9/2020	11,141	66,521	126	7,810	4,695	47	14,293
5/16/2020	9,143	64,162	122	6,730	3,761	21	12,130
5/23/2020	7,136	61,266	118	5,847	2,949	24	10,053
5/30/2020	6,090	59,283	114	5,233	2,467	12	8,868
6/6/2020	4,961	58,406	112	4,854	2,130	11	7,696
6/13/2020	4,163	57,481	111	4,485	1,849	11	6,807

6/20/2020	3,771	57,301	111	4,315	1,586	7	6,506
6/27/2020	3,728	57,683	112	4,180	1,531	10	6,386
7/4/2020	4,383	58,557	113	4,445	1,950	4	6,879
7/11/2020	5,518	59,842	117	5,342	2,619	9	8,250
7/18/2020	6,820	60,431	118	5,898	3,288	12	9,439
7/25/2020	7,676	60,670	120	6,339	3,711	9	10,309
8/1/2020	7,393	59,372	116	6,171	3,612	12	9,958
8/8/2020	6,799	57,887	113	5,973	3,419	8	9,358
8/15/2020	5,535	54,280	107	5,169	2,772	5	7,934
8/22/2020	3,504	46,411	91	3,780	1,726	6	5,563
8/29/2020	1,192	30,152	59	1,865	623	5	2,438
9/5/2020	128	7,652	9	394	64	1	459

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 9/5/2020.***

Updated September 8, 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	174,626	1,881,375	109	178,866	77,823	6,668	281,350
Alabama	2,689	34,607	108	2,607	863	100	4,528
Alaska	32	2,499	96	111	17	-	132

Arizona	4,665	44,874	123	4,909	2,662	115	7,027
Arkansas	847	20,312	105	1,549	363	77	2,109
California	12,832	176,684	108	17,980	7,180	579	24,209
Colorado	1,868	26,644	112	2,228	968	95	3,218
Connecticut	4,305	19,912	104	1,802	933	73	5,244
Delaware	552	6,147	110	469	216	16	821
District of Columbia	727	4,419	120	930	694	-	972
Florida	11,464	142,061	112	13,588	5,863	326	19,495
Georgia	4,711	55,365	108	4,655	2,105	112	7,371
Hawaii	52	6,924	97	410	25	20	457
Idaho	369	8,890	103	482	130	25	746
Illinois	7,370	73,395	114	7,528	3,616	179	11,458
Indiana	3,243	42,467	106	3,915	1,340	133	5,947
Iowa	1,104	18,751	103	1,312	321	84	2,179
Kansas	542	16,317	102	1,074	230	89	1,475
Kentucky	949	28,648	98	2,578	450	99	3,175
Louisiana	4,240	31,445	113	3,278	2,055	74	5,531
Maine	147	9,019	102	584	32	31	730
Maryland	4,048	35,020	115	3,508	1,487	126	6,179
Massachusetts	7,976	42,641	118	5,241	2,847	164	10,526
Michigan	6,022	65,332	111	6,248	2,920	242	9,587
Minnesota	1,787	28,378	105	2,060	501	121	3,466
Mississippi	2,305	22,020	115	2,608	1,184	55	3,782
Missouri	1,567	39,396	100	2,449	534	180	3,662
Montana	92	6,153	98	302	24	34	404
Nebraska	388	10,369	100	768	146	28	1,038
Nevada	1,193	16,986	107	1,852	903	41	2,183
New Hampshire	415	7,923	105	489	113	30	820
New Jersey	14,161	60,770	135	9,807	6,838	121	17,237
New Mexico	730	11,784	105	917	321	29	1,355
New York ⁷	11,528	72,596	119	10,267	5,560	211	16,427
New York City	20,657	58,534	179	10,967	7,941	967	23,817
North Carolina	2,008	49,344	85	3,499	773	229	4,961
North Dakota	162	4,269	100	363	61	20	484

Ohio	3,671	74,792	100	4,944	1,543	262	7,333
Oklahoma	824	23,597	98	2,100	320	111	2,709
Oregon	424	22,073	99	1,045	141	65	1,392
Pennsylvania	7,977	86,598	105	6,766	2,854	247	12,132
Rhode Island	1,018	6,805	107	683	394	25	1,332
South Carolina	2,424	33,300	112	2,680	1,020	100	4,182
South Dakota	179	4,667	94	375	79	26	501
Tennessee	1,651	47,227	104	3,765	760	134	4,789
Texas	12,503	136,855	112	14,148	6,230	358	20,769
Utah	413	12,313	106	703	147	40	1,009
Vermont	59	3,602	103	177	14	16	238
Virginia	2,706	44,108	106	2,754	963	114	4,609
Washington	1,719	35,824	103	2,681	874	113	3,634
West Virginia	173	12,287	90	873	56	58	1,048
Wisconsin	1,105	33,580	104	1,665	201	150	2,717
Wyoming	33	2,852	104	173	11	-	204
Puerto Rico	377	15,870	89	1,980	222	66	2,199

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.