



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 23, 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 23, 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 9/19/2020.***

Updated September 23, 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	188,470	2,022,937	111	192,312	84,930	6,699	301,553
2/1/2020	0	58,579	99	3,796	0	479	4,275
2/8/2020	1	59,298	99	3,799	0	520	4,320
2/15/2020	0	58,701	100	3,824	0	559	4,383
2/22/2020	5	58,737	101	3,700	1	565	4,269
2/29/2020	9	59,170	103	3,822	5	654	4,480
3/7/2020	35	59,562	103	3,959	17	632	4,608
3/14/2020	54	58,517	103	3,960	28	625	4,610
3/21/2020	571	59,070	104	4,538	252	560	5,410
3/28/2020	3,154	62,891	113	6,168	1,425	442	8,289
4/4/2020	10,013	72,144	129	9,905	4,752	478	15,409
4/11/2020	16,173	78,892	142	11,984	7,223	474	21,068
4/18/2020	17,054	76,553	142	11,380	7,299	266	21,212
4/25/2020	15,421	73,635	137	10,353	6,592	144	19,229
5/2/2020	13,132	69,032	129	8,922	5,504	65	16,595
5/9/2020	11,159	66,594	126	7,820	4,703	47	14,313
5/16/2020	9,155	64,232	122	6,744	3,768	21	12,149
5/23/2020	7,150	61,345	118	5,856	2,953	24	10,072
5/30/2020	6,100	59,394	115	5,247	2,472	12	8,887
6/6/2020	4,979	58,566	112	4,862	2,134	11	7,718
6/13/2020	4,185	57,670	111	4,506	1,853	11	6,846

6/20/2020	3,792	57,535	111	4,332	1,592	7	6,538
6/27/2020	3,756	58,020	113	4,216	1,542	11	6,440
7/4/2020	4,434	59,206	114	4,497	1,967	4	6,965
7/11/2020	5,629	61,029	119	5,440	2,666	9	8,412
7/18/2020	6,990	61,934	121	6,049	3,380	12	9,668
7/25/2020	7,946	62,350	123	6,548	3,851	10	10,648
8/1/2020	7,924	61,383	120	6,521	3,887	13	10,564
8/8/2020	7,397	60,950	119	6,450	3,758	9	10,095
8/15/2020	6,666	59,562	117	6,055	3,419	5	9,304
8/22/2020	5,601	56,502	111	5,353	2,856	9	8,104
8/29/2020	4,699	52,810	103	4,675	2,397	11	6,983
9/5/2020	3,347	47,160	91	3,801	1,689	7	5,463
9/12/2020	1,659	36,423	70	2,445	813	3	3,294
9/19/2020	280	15,491	30	785	132	0	933

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 9/19/2020.*

Updated September 23, 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	188,470	2,022,937	111	192,312	84,930	6,699	301,553

Alabama	3,063	37,157	109	2,855	997	100	5,016
Alaska	41	2,693	97	124	24	-	147
Arizona	4,921	48,003	124	5,194	2,807	115	7,423
Arkansas	1,069	21,990	108	1,749	472	77	2,422
California	14,416	190,661	110	19,586	8,089	580	26,491
Colorado	1,926	28,478	113	2,318	990	95	3,344
Connecticut	4,402	21,038	104	1,864	957	73	5,379
Delaware	560	6,495	109	479	218	16	837
District of Columbia	750	4,692	120	965	715	-	1,009
Florida	13,596	153,094	114	15,505	7,237	333	22,173
Georgia	5,526	60,344	111	5,312	2,554	113	8,395
Hawaii	122	7,482	99	460	53	20	549
Idaho	442	9,784	107	543	164	25	846
Illinois	7,659	78,476	115	7,897	3,742	179	11,990
Indiana	3,420	45,456	107	4,180	1,437	133	6,292
Iowa	1,255	20,245	105	1,423	372	84	2,390
Kansas	637	17,300	102	1,157	263	89	1,620
Kentucky	1,110	31,023	100	2,801	525	101	3,484
Louisiana	4,637	34,020	115	3,565	2,264	74	6,006
Maine	155	9,725	103	618	33	31	771
Maryland	4,189	37,458	117	3,657	1,534	126	6,422
Massachusetts	8,039	44,697	117	5,337	2,863	164	10,669
Michigan	6,152	70,516	113	6,507	2,985	242	9,911
Minnesota	1,900	30,412	107	2,172	536	122	3,657
Mississippi	2,648	23,785	117	2,866	1,356	57	4,211
Missouri	1,867	42,473	102	2,698	657	180	4,088
Montana	123	6,569	99	334	42	34	449
Nebraska	453	11,180	102	821	175	28	1,127
Nevada	1,380	18,440	110	2,055	1,041	41	2,435
New Hampshire	418	8,439	106	508	114	30	841
New Jersey	14,267	63,733	134	9,991	6,887	121	17,478
New Mexico	777	12,718	107	962	343	29	1,425
New York ⁷	11,610	77,378	121	10,599	5,596	211	16,805
New York City	20,712	60,869	176	11,124	7,953	967	24,018

North Carolina	2,345	53,519	87	3,818	912	230	5,479
North Dakota	185	4,508	99	385	69	20	521
Ohio	4,076	80,724	102	5,341	1,735	263	7,944
Oklahoma	987	25,393	100	2,254	376	111	2,970
Oregon	489	23,685	101	1,120	161	65	1,512
Pennsylvania	8,193	92,563	106	7,071	2,927	253	12,586
Rhode Island	1,049	7,255	108	705	401	25	1,378
South Carolina	2,994	36,933	117	3,089	1,270	101	4,911
South Dakota	210	5,263	100	413	90	27	560
Tennessee	1,990	51,009	106	4,143	932	134	5,334
Texas	14,956	149,478	115	16,056	7,578	363	23,784
Utah	449	13,181	108	762	159	40	1,092
Vermont	59	3,813	103	185	14	16	246
Virginia	2,957	48,225	110	3,002	1,061	115	5,011
Washington	1,819	38,386	104	2,843	922	113	3,848
West Virginia	224	13,051	90	930	74	59	1,139
Wisconsin	1,209	36,007	106	1,786	241	150	2,902
Wyoming	37	3,121	107	183	13	-	216
Puerto Rico	508	17,016	90	2,170	306	67	2,436

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.

