

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 16, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 16, 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 9/12/2020.***

Updated September 16, 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	182,095	1,957,766	110	186,116	81,691	6,687	292,214
2/1/2020	0	58,575	99	3,796	0	479	4,275
2/8/2020	1	59,290	99	3,799	0	520	4,320
2/15/2020	0	58,696	100	3,824	0	558	4,382
2/22/2020	5	58,733	101	3,698	1	564	4,266
2/29/2020	9	59,165	103	3,822	5	654	4,480
3/7/2020	35	59,549	103	3,957	17	633	4,607
3/14/2020	53	58,479	102	3,960	28	625	4,609
3/21/2020	571	59,040	104	4,534	252	560	5,406
3/28/2020	3,152	62,875	113	6,166	1,424	442	8,286
4/4/2020	10,009	72,127	129	9,904	4,748	479	15,408
4/11/2020	16,171	78,865	142	11,981	7,222	474	21,064
4/18/2020	17,052	76,532	141	11,378	7,298	266	21,209
4/25/2020	15,413	73,606	137	10,350	6,591	144	19,219
5/2/2020	13,131	68,999	128	8,921	5,503	65	16,594
5/9/2020	11,154	66,560	126	7,818	4,702	47	14,307
5/16/2020	9,150	64,202	122	6,738	3,766	21	12,140
5/23/2020	7,144	61,308	118	5,849	2,949	24	10,063
5/30/2020	6,095	59,342	114	5,242	2,470	12	8,879
6/6/2020	4,975	58,507	112	4,860	2,132	11	7,714

6/13/2020	4,177	57,608	111	4,496	1,850	11	6,831
6/20/2020	3,785	57,473	111	4,326	1,590	7	6,527
6/27/2020	3,745	57,931	113	4,205	1,539	10	6,420
7/4/2020	4,417	59,058	114	4,475	1,959	4	6,934
7/11/2020	5,601	60,739	118	5,414	2,654	9	8,370
7/18/2020	6,934	61,542	121	5,996	3,352	12	9,587
7/25/2020	7,861	61,931	122	6,494	3,813	10	10,547
8/1/2020	7,766	60,803	119	6,419	3,805	13	10,386
8/8/2020	7,191	59,942	117	6,274	3,632	8	9,838
8/15/2020	6,300	57,692	113	5,756	3,210	5	8,848
8/22/2020	5,051	53,771	106	4,947	2,569	8	7,435
8/29/2020	3,561	46,945	91	3,807	1,793	9	5,581
9/5/2020	1,372	33,560	65	2,172	698	2	2,848
9/12/2020	214	14,321	27	738	119	1	834

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 9/12/2020.*

Updated September 16, 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	182,095	1,957,766	110	186,116	81,691	6,687	292,214
Alabama	2,932	36,062	109	2,763	956	100	4,834
Alaska	34	2,584	96	114	18	-	136
Arizona	4,811	46,496	124	5,068	2,745	115	7,249
Arkansas	978	21,264	107	1,668	425	77	2,297
California	13,741	184,267	110	18,886	7,703	580	25,502
Colorado	1,905	27,563	112	2,276	982	95	3,289
Connecticut	4,403	21,038	107	1,864	957	73	5,380
Delaware	557	6,313	109	473	217	16	829
District of Columbia	741	4,564	120	954	708	-	996
Florida	12,644	147,856	113	14,623	6,617	329	20,957
Georgia	5,202	58,171	110	5,053	2,383	113	7,983
Hawaii	86	7,227	98	434	39	20	501
Idaho	402	9,323	105	516	148	25	795
Illinois	7,448	76,027	115	7,687	3,653	179	11,658
Indiana	3,342	44,109	107	4,048	1,395	133	6,124
Iowa	1,183	19,524	104	1,366	346	84	2,287
Kansas	577	16,999	103	1,117	241	89	1,542
Kentucky	1,029	29,830	99	2,688	488	100	3,327
Louisiana	4,411	32,484	114	3,410	2,157	74	5,732
Maine	149	9,399	103	602	32	31	750
Maryland	4,116	36,292	116	3,582	1,508	126	6,300
Massachusetts	8,005	43,998	118	5,299	2,855	164	10,605
Michigan	6,087	68,377	113	6,399	2,956	242	9,767
Minnesota	1,839	29,406	106	2,114	519	121	3,554
Mississippi	2,479	22,926	116	2,744	1,275	55	4,001
Missouri	1,704	41,090	102	2,574	587	180	3,871
Montana	106	6,357	98	315	29	34	426
Nebraska	413	10,795	102	792	157	28	1,076
Nevada	1,301	17,814	110	1,971	983	41	2,330
New Hampshire	417	8,194	106	496	114	30	828
New Jersey	14,214	62,696	135	9,911	6,864	121	17,368
New Mexico	755	12,219	106	936	329	29	1,391
New York ⁷	11,569	75,368	121	10,450	5,577	211	16,634

New York City	20,686	59,803	178	11,055	7,947	967	23,928
North Carolina	2,259	52,294	88	3,714	863	230	5,338
North Dakota	175	4,417	100	377	65	20	507
Ohio	3,907	78,010	101	5,174	1,660	263	7,683
Oklahoma	923	24,522	99	2,187	351	112	2,865
Oregon	449	22,921	100	1,076	149	65	1,440
Pennsylvania	8,099	89,223	105	6,908	2,895	253	12,361
Rhode Island	1,026	6,988	107	687	395	25	1,343
South Carolina	2,652	35,214	115	2,865	1,125	100	4,490
South Dakota	200	5,089	99	410	88	27	549
Tennessee	1,815	49,281	106	3,949	845	134	5,052
Texas	13,844	142,440	113	15,126	6,960	361	22,358
Utah	428	12,661	106	730	152	40	1,046
Vermont	59	3,714	103	181	14	16	242
Virginia	2,843	46,538	109	2,903	1,014	114	4,844
Washington	1,765	37,404	105	2,762	900	113	3,735
West Virginia	193	12,785	91	911	67	58	1,095
Wisconsin	1,158	34,844	105	1,733	227	150	2,812
Wyoming	34	2,986	105	175	11	-	207
Puerto Rico	436	16,376	89	2,060	258	67	2,302

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.

