



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 24, 2020



Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of August 24, 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.

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 8/22/2020.***

Updated August 24, 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	161,687	1,756,966	109	166,803	71,249	6,633	262,895
2/1/2020	0	58,506	99	3,788	0	479	4,267
2/8/2020	1	59,251	99	3,794	0	520	4,315
2/15/2020	0	58,646	100	3,819	0	554	4,373
2/22/2020	5	58,692	101	3,690	1	564	4,258
2/29/2020	10	59,117	103	3,816	5	654	4,475
3/7/2020	35	59,431	103	3,949	17	631	4,597
3/14/2020	52	58,145	102	3,939	27	617	4,580
3/21/2020	570	58,794	104	4,520	252	556	5,387
3/28/2020	3,150	62,764	112	6,159	1,425	440	8,274
4/4/2020	9,996	72,012	129	9,889	4,745	478	15,382
4/11/2020	16,148	78,741	142	11,956	7,211	473	21,025
4/18/2020	17,030	76,414	141	11,363	7,291	265	21,178
4/25/2020	15,384	73,463	137	10,331	6,583	143	19,179
5/2/2020	13,106	68,893	128	8,911	5,496	65	16,566
5/9/2020	11,129	66,443	126	7,799	4,691	47	14,274
5/16/2020	9,123	64,081	122	6,714	3,757	20	12,097
5/23/2020	7,118	61,156	117	5,832	2,943	24	10,026
5/30/2020	6,071	59,142	114	5,216	2,457	12	8,842
6/6/2020	4,943	58,223	111	4,838	2,125	11	7,667
6/13/2020	4,153	57,252	110	4,474	1,846	11	6,789

6/20/2020	3,748	56,926	110	4,290	1,579	7	6,465
6/27/2020	3,701	57,037	111	4,131	1,519	10	6,322
7/4/2020	4,316	57,456	111	4,365	1,920	4	6,762
7/11/2020	5,383	58,217	113	5,200	2,555	9	8,037
7/18/2020	6,533	58,286	114	5,664	3,137	12	9,069
7/25/2020	7,137	57,791	114	5,932	3,423	9	9,651
8/1/2020	6,356	54,906	107	5,421	3,068	10	8,715
8/8/2020	4,610	47,907	93	4,359	2,257	4	6,716
8/15/2020	1,751	32,218	63	2,281	859	2	3,174
8/22/2020	128	7,056	14	363	60	2	433

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 8/22/2020.***

Updated August 24, 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	161,687	1,756,966	109	166,803	71,249	6,633	262,895
Alabama	2,252	31,874	106	2,332	697	100	3,981
Alaska	20	2,258	92	94	10	-	110
Arizona	4,222	41,775	122	4,565	2,427	115	6,475
Arkansas	649	18,599	103	1,368	275	76	1,818

California	11,196	164,400	107	16,525	6,247	578	22,050
Colorado	1,824	24,953	111	2,148	945	95	3,117
Connecticut	4,266	19,093	106	1,767	931	73	5,172
Delaware	545	5,810	110	453	215	16	799
District of Columbia	698	4,164	120	888	668	-	927
Florida	9,112	131,291	110	11,735	4,500	320	16,651
Georgia	4,025	51,319	106	4,169	1,780	112	6,524
Hawaii	30	6,412	96	376	11	20	415
Idaho	281	8,235	102	435	101	25	640
Illinois	7,147	69,019	115	7,264	3,524	178	11,062
Indiana	3,070	39,751	106	3,710	1,262	133	5,647
Iowa	989	17,427	102	1,222	291	84	2,004
Kansas	449	15,227	101	996	195	89	1,339
Kentucky	844	26,634	97	2,390	399	99	2,933
Louisiana	3,951	29,561	113	3,050	1,891	74	5,178
Maine	142	8,429	101	558	30	31	701
Maryland	3,940	32,854	115	3,354	1,447	126	5,957
Massachusetts	7,914	40,399	119	5,119	2,834	164	10,355
Michigan	5,879	61,726	112	6,010	2,859	241	9,266
Minnesota	1,695	26,613	106	1,951	466	121	3,300
Mississippi	1,966	20,478	114	2,319	982	53	3,356
Missouri	1,360	36,597	99	2,242	453	178	3,327
Montana	78	5,754	98	285	17	34	380
Nebraska	355	9,694	100	725	140	28	968
Nevada	985	15,723	106	1,625	737	41	1,914
New Hampshire	407	7,471	106	471	112	30	795
New Jersey	14,083	57,609	136	9,633	6,809	121	17,014
New Mexico	688	11,046	105	873	300	29	1,290
New York ⁷	11,458	69,103	121	10,070	5,538	211	16,182
New York City	20,614	56,608	184	10,847	7,930	964	23,662
North Carolina	1,696	44,973	83	3,187	642	228	4,467
North Dakota	132	3,871	95	328	45	20	435
Ohio	3,387	70,170	100	4,625	1,418	262	6,855
Oklahoma	670	21,824	97	1,918	261	109	2,430

Oregon	375	20,543	98	988	125	65	1,302
Pennsylvania	7,739	79,659	103	6,406	2,772	238	11,607
Rhode Island	992	6,209	104	645	383	25	1,279
South Carolina	1,950	30,738	110	2,362	796	100	3,614
South Dakota	174	4,521	97	361	75	26	486
Tennessee	1,323	43,893	103	3,400	592	133	4,263
Texas	10,382	126,818	110	12,533	5,055	353	18,205
Utah	357	11,433	105	647	124	40	920
Vermont	59	3,382	103	167	14	16	228
Virginia	2,522	42,161	108	2,601	872	114	4,363
Washington	1,588	33,464	102	2,520	811	113	3,405
West Virginia	140	11,341	88	808	45	58	961
Wisconsin	1,039	31,397	104	1,578	187	150	2,578
Wyoming	28	2,663	103	160	-	-	188
Puerto Rico	284	14,387	86	1,793	157	64	1,982

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.

