



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 10, 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 10, 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 10, 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	177,177	1,903,360	111	181,207	79,195	6,675	284,875
2/1/2020	0	58,570	99	3,796	0	479	4,275
2/8/2020	1	59,286	99	3,798	0	520	4,319
2/15/2020	0	58,691	100	3,823	0	558	4,381
2/22/2020	5	58,725	101	3,698	1	564	4,266
2/29/2020	9	59,153	103	3,822	5	654	4,480
3/7/2020	35	59,527	103	3,955	17	632	4,604
3/14/2020	53	58,369	102	3,951	28	622	4,597
3/21/2020	571	58,999	104	4,530	252	560	5,402
3/28/2020	3,151	62,863	113	6,164	1,424	442	8,283
4/4/2020	10,009	72,121	129	9,904	4,750	479	15,406
4/11/2020	16,164	78,847	142	11,978	7,219	474	21,057
4/18/2020	17,048	76,522	141	11,375	7,296	266	21,204
4/25/2020	15,409	73,587	137	10,347	6,589	143	19,214
5/2/2020	13,121	68,975	128	8,918	5,500	65	16,584
5/9/2020	11,147	66,534	126	7,814	4,699	47	14,299
5/16/2020	9,144	64,172	122	6,731	3,761	21	12,132
5/23/2020	7,136	61,274	118	5,849	2,949	24	10,055
5/30/2020	6,090	59,297	114	5,234	2,467	12	8,869
6/6/2020	4,967	58,449	112	4,859	2,131	11	7,706
6/13/2020	4,172	57,540	111	4,488	1,850	11	6,818

6/20/2020	3,778	57,368	111	4,319	1,587	7	6,516
6/27/2020	3,736	57,745	112	4,186	1,533	10	6,398
7/4/2020	4,392	58,652	113	4,456	1,953	4	6,896
7/11/2020	5,541	59,984	117	5,359	2,630	9	8,279
7/18/2020	6,871	60,648	119	5,934	3,319	12	9,495
7/25/2020	7,754	61,019	120	6,404	3,764	10	10,399
8/1/2020	7,540	59,921	118	6,284	3,699	12	10,131
8/8/2020	6,987	58,814	115	6,123	3,522	8	9,593
8/15/2020	5,885	55,765	109	5,429	2,979	5	8,337
8/22/2020	4,222	49,794	98	4,312	2,120	7	6,420
8/29/2020	1,941	36,986	72	2,544	984	6	3,505
9/5/2020	298	15,163	29	823	167	1	955

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 10, 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	177,177	1,903,360	111	181,207	79,195	6,675	284,875
Alabama	2,702	34,862	109	2,619	867	100	4,549
Alaska	34	2,535	97	113	18	-	135

Arizona	4,715	45,256	124	4,950	2,685	115	7,095
Arkansas	883	20,568	107	1,585	384	77	2,160
California	12,991	178,604	109	18,168	7,275	579	24,461
Colorado	1,889	26,970	113	2,248	975	95	3,252
Connecticut	4,360	20,816	109	1,848	945	73	5,333
Delaware	552	6,147	110	469	216	16	821
District of Columbia	729	4,448	120	933	696	-	975
Florida	12,003	143,858	113	14,005	6,209	327	20,105
Georgia	4,871	56,188	109	4,777	2,187	112	7,571
Hawaii	55	6,992	98	411	26	20	460
Idaho	378	8,991	104	493	136	25	760
Illinois	7,373	73,817	115	7,554	3,619	179	11,484
Indiana	3,248	42,763	107	3,930	1,344	133	5,963
Iowa	1,132	19,030	104	1,333	332	84	2,217
Kansas	544	16,502	103	1,080	231	89	1,482
Kentucky	978	29,067	100	2,617	464	99	3,229
Louisiana	4,312	31,830	115	3,333	2,098	74	5,615
Maine	148	9,120	103	589	32	31	736
Maryland	4,063	35,080	116	3,514	1,492	126	6,195
Massachusetts	7,990	43,077	119	5,259	2,850	164	10,555
Michigan	6,055	66,337	113	6,296	2,937	242	9,651
Minnesota	1,802	28,744	107	2,084	508	121	3,498
Mississippi	2,354	22,253	116	2,646	1,211	55	3,842
Missouri	1,583	39,672	101	2,473	541	180	3,695
Montana	92	6,153	98	302	24	34	404
Nebraska	388	10,369	101	768	146	28	1,038
Nevada	1,238	17,273	109	1,901	935	41	2,245
New Hampshire	415	7,973	106	492	113	30	823
New Jersey	14,172	61,063	136	9,828	6,843	121	17,264
New Mexico	744	11,946	106	924	326	29	1,371
New York ⁷	11,546	73,604	122	10,333	5,567	211	16,504
New York City	20,669	58,938	180	10,991	7,943	967	23,851
North Carolina	2,034	49,550	86	3,511	780	230	4,993
North Dakota	164	4,328	101	371	62	20	493

Ohio	3,737	75,621	101	5,002	1,574	262	7,426
Oklahoma	853	23,789	99	2,121	331	111	2,748
Oregon	424	22,255	100	1,049	141	65	1,396
Pennsylvania	8,029	87,518	106	6,824	2,871	250	12,228
Rhode Island	1,018	6,844	108	683	394	25	1,332
South Carolina	2,636	34,539	116	2,833	1,121	100	4,446
South Dakota	181	4,895	99	392	80	27	520
Tennessee	1,717	47,928	106	3,846	796	134	4,900
Texas	13,112	138,899	113	14,580	6,580	359	21,460
Utah	417	12,435	108	711	148	40	1,020
Vermont	59	3,623	104	178	14	16	239
Virginia	2,729	45,107	109	2,804	970	114	4,675
Washington	1,719	35,824	103	2,681	874	113	3,634
West Virginia	183	12,490	91	891	61	58	1,071
Wisconsin	1,124	34,004	106	1,691	212	150	2,751
Wyoming	33	2,865	104	173	11	-	204
Puerto Rico	380	16,161	91	2,013	224	66	2,233

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.