



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: October 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 October 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 10/17/2020.***

Updated October 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	209,568	2,288,187	112	214,683	95,229	6,739	334,757
2/1/2020	0	58,616	99	3,799	0	479	4,278
2/8/2020	1	59,327	99	3,805	0	521	4,327
2/15/2020	0	58,740	100	3,832	0	560	4,392
2/22/2020	5	58,764	101	3,698	1	565	4,267
2/29/2020	10	59,206	103	3,825	5	655	4,485
3/7/2020	35	59,610	103	3,965	17	634	4,616
3/14/2020	56	58,593	103	3,965	28	625	4,617
3/21/2020	572	59,122	104	4,539	250	558	5,412
3/28/2020	3,166	62,911	113	6,172	1,433	442	8,297
4/4/2020	10,034	72,173	129	9,914	4,762	478	15,429
4/11/2020	16,192	78,935	142	11,989	7,228	473	21,087
4/18/2020	17,077	76,601	142	11,386	7,306	265	21,233
4/25/2020	15,445	73,695	137	10,365	6,601	144	19,256
5/2/2020	13,153	69,106	129	8,935	5,514	65	16,619
5/9/2020	11,176	66,691	126	7,825	4,707	47	14,331
5/16/2020	9,172	64,348	123	6,759	3,775	21	12,174
5/23/2020	7,183	61,473	118	5,883	2,968	24	10,117
5/30/2020	6,116	59,503	115	5,261	2,479	12	8,910
6/6/2020	4,992	58,730	112	4,878	2,137	11	7,744
6/13/2020	4,201	57,845	112	4,518	1,857	11	6,870

6/20/2020	3,803	57,770	112	4,347	1,596	8	6,561
6/27/2020	3,785	58,243	113	4,238	1,546	11	6,487
7/4/2020	4,479	59,547	115	4,530	1,986	4	7,024
7/11/2020	5,708	61,579	120	5,495	2,693	10	8,519
7/18/2020	7,089	62,765	123	6,139	3,420	12	9,817
7/25/2020	8,095	63,798	126	6,679	3,922	10	10,857
8/1/2020	8,171	63,664	125	6,759	4,018	13	10,918
8/8/2020	7,712	62,890	123	6,707	3,929	9	10,496
8/15/2020	7,071	62,396	123	6,386	3,613	5	9,846
8/22/2020	6,153	60,714	120	5,801	3,125	12	8,838
8/29/2020	5,405	58,322	114	5,272	2,747	11	7,936
9/5/2020	4,642	56,828	111	4,875	2,340	9	7,182
9/12/2020	4,201	55,570	108	4,590	2,119	7	6,677
9/19/2020	3,766	54,643	105	4,272	1,820	5	6,223
9/26/2020	3,669	53,968	103	4,332	1,821	3	6,182
10/3/2020	3,309	50,719	96	3,928	1,576	7	5,668
10/10/2020	2,889	45,122	86	3,408	1,404	9	4,900
10/17/2020	1,035	25,660	48	1,612	486	4	2,165

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 2019 postcensal estimates from the U.S. Census Bureau, is 328,239,523.

*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 10/17/2020.*

Updated October 23, 2020

Jurisdiction	All Deaths involving	Deaths from	Percent of	Deaths involving Pneumonia, with or without	Deaths involving COVID-19 and	All Deaths involving Influenza, with or	Deaths involving Pneumonia, Influenza,
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of Occurrence	COVID-19 (U07.1) ¹	All Causes	Expected Deaths ²	COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	without COVID-19 or Pneumonia (J09–J11) ⁴	or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	209,568	2,288,187	112	214,683	95,229	6,739	334,757
Alabama	3,675	42,512	112	3,307	1,199	101	5,879
Alaska	52	3,084	99	138	28	-	168
Arizona	5,193	53,439	124	5,548	2,938	115	7,918
Arkansas	1,562	25,370	112	2,144	704	79	3,079
California	16,470	215,750	112	21,916	9,214	581	29,751
Colorado	2,076	32,163	114	2,535	1,050	96	3,652
Connecticut	4,473	24,571	109	2,009	973	72	5,578
Delaware	590	7,332	111	529	231	16	904
District of Columbia	778	5,222	119	1,022	740	-	1,069
Florida	15,821	173,517	116	17,867	8,594	336	25,405
Georgia	6,631	69,409	114	6,214	3,118	114	9,839
Hawaii	234	8,562	102	561	107	21	709
Idaho	555	11,148	109	628	219	25	989
Illinois	8,341	87,627	115	8,648	4,056	182	13,112
Indiana	3,923	51,824	110	4,738	1,667	133	7,123
Iowa	1,572	23,143	107	1,657	473	84	2,840
Kansas	933	20,083	106	1,370	377	89	2,015
Kentucky	1,446	35,796	104	3,215	671	102	4,089
Louisiana	5,148	38,753	118	3,986	2,513	75	6,690
Maine	166	11,002	105	686	38	31	845
Maryland	4,401	42,081	118	3,995	1,629	127	6,878
Massachusetts	8,168	49,970	117	5,652	2,912	165	11,065
Michigan	6,493	79,533	114	7,067	3,148	243	10,650
Minnesota	2,225	34,664	108	2,460	640	122	4,166
Mississippi	3,076	27,015	119	3,270	1,585	57	4,814
Missouri	2,674	48,994	106	3,271	991	181	5,135
Montana	248	7,789	105	435	104	34	613
Nebraska	582	12,683	104	942	230	28	1,322
Nevada	1,609	20,958	113	2,353	1,213	41	2,790
New							

Hampshire	446	9,505	107	561	121	31	915
New Jersey	14,472	69,857	132	10,331	6,966	122	17,945
New Mexico	840	14,484	109	1,076	380	29	1,565
New York ⁷	11,797	85,794	120	11,210	5,653	214	17,549
New York City	20,851	65,173	168	11,415	7,996	968	24,406
North Carolina	2,684	59,793	88	4,254	1,063	232	6,104
North Dakota	364	5,391	105	522	164	20	742
Ohio	4,863	93,033	105	6,172	2,080	264	9,218
Oklahoma	1,389	29,067	103	2,675	539	112	3,630
Oregon	582	27,090	103	1,264	191	65	1,719
Pennsylvania	8,740	105,404	108	7,751	3,120	254	13,621
Rhode Island	1,104	8,183	109	772	434	25	1,467
South Carolina	3,503	41,631	118	3,515	1,496	102	5,620
South Dakota	370	6,148	104	524	168	27	753
Tennessee	2,800	58,763	110	4,991	1,394	136	6,532
Texas	17,620	169,313	117	18,476	9,045	367	27,405
Utah	551	14,798	108	879	207	40	1,263
Vermont	62	4,302	104	199	15	16	262
Virginia	3,393	54,139	110	3,398	1,237	115	5,667
Washington	2,044	43,231	105	3,175	1,054	116	4,276
West Virginia	339	14,374	89	1,050	122	59	1,326
Wisconsin	1,591	41,126	108	2,096	402	151	3,434
Wyoming	48	3,594	110	214	20	-	251
Puerto Rico	694	20,279	95	2,625	443	71	2,944

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.

