



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 21, 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 21, 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 21, 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	207,882	2,270,323	112	213,029	94,396	6,734	332,245
2/1/2020	0	58,616	99	3,799	0	479	4,278
2/8/2020	1	59,326	99	3,805	0	521	4,327
2/15/2020	0	58,737	100	3,832	0	560	4,392
2/22/2020	5	58,765	101	3,698	1	565	4,267
2/29/2020	10	59,206	103	3,824	5	655	4,484
3/7/2020	35	59,611	103	3,963	17	635	4,615
3/14/2020	56	58,592	103	3,965	28	625	4,617
3/21/2020	572	59,121	104	4,539	250	558	5,412
3/28/2020	3,165	62,909	113	6,171	1,432	442	8,296
4/4/2020	10,034	72,172	129	9,914	4,762	478	15,429
4/11/2020	16,190	78,931	142	11,988	7,228	473	21,084
4/18/2020	17,075	76,600	142	11,387	7,306	265	21,232
4/25/2020	15,441	73,689	137	10,363	6,599	144	19,252
5/2/2020	13,153	69,101	129	8,934	5,513	65	16,619
5/9/2020	11,175	66,686	126	7,825	4,707	47	14,330
5/16/2020	9,171	64,343	123	6,759	3,775	21	12,173
5/23/2020	7,182	61,468	118	5,881	2,967	24	10,115
5/30/2020	6,116	59,495	115	5,261	2,479	12	8,910
6/6/2020	4,992	58,720	112	4,877	2,137	11	7,743
6/13/2020	4,200	57,838	112	4,517	1,857	11	6,868

6/20/2020	3,802	57,757	112	4,347	1,596	8	6,560
6/27/2020	3,785	58,236	113	4,239	1,547	11	6,487
7/4/2020	4,478	59,532	115	4,529	1,986	4	7,022
7/11/2020	5,703	61,558	120	5,494	2,692	10	8,514
7/18/2020	7,085	62,752	123	6,139	3,418	12	9,815
7/25/2020	8,088	63,768	126	6,675	3,918	10	10,850
8/1/2020	8,161	63,631	125	6,754	4,013	13	10,908
8/8/2020	7,703	62,840	123	6,700	3,925	9	10,484
8/15/2020	7,054	62,301	123	6,376	3,606	5	9,826
8/22/2020	6,135	60,555	120	5,785	3,118	12	8,811
8/29/2020	5,387	58,097	114	5,255	2,738	11	7,910
9/5/2020	4,616	56,483	110	4,834	2,329	9	7,126
9/12/2020	4,181	55,225	107	4,559	2,107	7	6,638
9/19/2020	3,728	54,195	104	4,236	1,803	5	6,166
9/26/2020	3,581	53,087	102	4,252	1,778	3	6,057
10/3/2020	3,111	48,959	92	3,747	1,473	7	5,392
10/10/2020	2,243	40,348	76	2,850	1,077	7	4,021
10/17/2020	468	17,073	32	956	209	0	1,215

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 21, 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	207,882	2,270,323	112	213,029	94,396	6,734	332,245
Alabama	3,631	42,087	111	3,270	1,181	101	5,816
Alaska	51	3,058	98	137	28	-	166
Arizona	5,179	53,094	124	5,525	2,928	115	7,891
Arkansas	1,464	24,729	109	2,059	652	78	2,947
California	16,388	214,019	111	21,766	9,169	580	29,563
Colorado	2,066	31,878	113	2,519	1,045	96	3,631
Connecticut	4,467	24,054	106	1,988	970	72	5,554
Delaware	584	7,278	110	525	228	16	897
District of Columbia	775	5,172	118	1,019	738	-	1,065
Florida	15,752	172,234	115	17,768	8,554	336	25,277
Georgia	6,588	68,734	113	6,168	3,094	114	9,774
Hawaii	228	8,465	101	555	105	21	699
Idaho	537	10,987	107	615	210	25	967
Illinois	8,240	87,326	115	8,596	4,014	181	13,000
Indiana	3,916	51,499	109	4,715	1,663	133	7,097
Iowa	1,546	22,942	106	1,638	462	84	2,806
Kansas	914	19,976	106	1,359	370	89	1,992
Kentucky	1,423	35,395	102	3,183	660	102	4,045
Louisiana	5,096	38,257	117	3,945	2,490	75	6,620
Maine	165	10,939	104	679	37	31	838
Maryland	4,382	41,786	117	3,965	1,617	126	6,840
Massachusetts	8,145	49,627	116	5,624	2,903	165	11,023
Michigan	6,440	78,779	113	7,000	3,118	243	10,560
Minnesota	2,193	34,371	108	2,441	632	122	4,123
Mississippi	3,045	26,788	118	3,243	1,571	57	4,770
Missouri	2,619	48,601	105	3,229	964	181	5,065
Montana	242	7,643	101	429	101	34	604
Nebraska	579	12,452	102	930	228	28	1,309
Nevada	1,590	20,745	112	2,328	1,198	41	2,761
New							

Hampshire	444	9,460	106	559	120	31	912
New Jersey	14,437	69,616	131	10,312	6,956	122	17,901
New Mexico	833	14,334	108	1,063	375	29	1,550
New York ⁷	11,769	85,372	119	11,178	5,645	213	17,496
New York City	20,841	64,994	168	11,400	7,993	968	24,384
North Carolina	2,662	59,404	87	4,225	1,054	232	6,062
North Dakota	326	5,317	104	503	148	20	701
Ohio	4,743	91,458	103	6,052	2,032	264	9,026
Oklahoma	1,349	28,856	102	2,643	522	113	3,576
Oregon	578	26,895	102	1,259	191	65	1,710
Pennsylvania	8,689	104,423	107	7,698	3,100	254	13,537
Rhode Island	1,094	8,050	107	763	427	25	1,455
South Carolina	3,503	41,631	118	3,515	1,496	102	5,620
South Dakota	339	6,085	103	510	156	27	720
Tennessee	2,745	58,375	109	4,935	1,358	136	6,457
Texas	17,360	168,445	116	18,279	8,888	367	27,105
Utah	552	14,798	108	879	207	40	1,264
Vermont	62	4,302	104	199	15	16	262
Virginia	3,377	54,022	110	3,387	1,232	115	5,645
Washington	2,030	43,071	105	3,158	1,044	115	4,254
West Virginia	327	14,224	88	1,029	115	59	1,300
Wisconsin	1,530	40,721	107	2,052	373	151	3,358
Wyoming	47	3,555	109	213	19	-	250
Puerto Rico	676	19,900	93	2,576	429	71	2,891

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.

