

## 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: December 22, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of December 22, 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 12/19/2020.\***

**Updated December 22, 2020**

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>288,287</b>	2,835,533	112	276,328	132,602	6,922	437,868
2/1/2020	<b>0</b>	58,795	99	3,815	0	481	4,296
2/8/2020	<b>1</b>	59,360	99	3,810	0	521	4,332
2/15/2020	<b>0</b>	58,773	100	3,839	0	560	4,399
2/22/2020	<b>4</b>	58,850	101	3,707	1	566	4,276
2/29/2020	<b>9</b>	59,263	103	3,832	5	656	4,492
3/7/2020	<b>36</b>	59,646	103	3,974	18	635	4,626
3/14/2020	<b>56</b>	58,620	103	3,969	28	626	4,622
3/21/2020	<b>574</b>	59,155	104	4,543	250	558	5,418
3/28/2020	<b>3,171</b>	62,947	113	6,180	1,434	445	8,311
4/4/2020	<b>10,045</b>	72,233	129	9,923	4,764	478	15,447
4/11/2020	<b>16,208</b>	78,992	143	12,000	7,231	473	21,111
4/18/2020	<b>17,095</b>	76,674	142	11,397	7,314	265	21,254
4/25/2020	<b>15,465</b>	73,801	137	10,381	6,608	144	19,285
5/2/2020	<b>13,168</b>	69,222	129	8,944	5,516	65	16,641
5/9/2020	<b>11,188</b>	66,738	127	7,832	4,710	48	14,348
5/16/2020	<b>9,184</b>	64,400	123	6,771	3,780	21	12,193
5/23/2020	<b>7,198</b>	61,537	118	5,890	2,971	24	10,136
5/30/2020	<b>6,135</b>	59,591	115	5,273	2,484	12	8,936
6/6/2020	<b>5,016</b>	58,821	112	4,893	2,145	11	7,775
6/13/2020	<b>4,215</b>	57,938	112	4,538	1,860	11	6,901

6/20/2020	<b>3,817</b>	57,889	112	4,362	1,603	8	6,583
6/27/2020	<b>3,804</b>	58,386	113	4,255	1,550	11	6,519
7/4/2020	<b>4,503</b>	59,722	115	4,553	1,996	5	7,062
7/11/2020	<b>5,741</b>	61,788	121	5,526	2,708	10	8,568
7/18/2020	<b>7,141</b>	63,018	124	6,174	3,443	13	9,882
7/25/2020	<b>8,171</b>	64,075	127	6,742	3,949	10	10,969
8/1/2020	<b>8,253</b>	64,049	126	6,825	4,060	13	11,024
8/8/2020	<b>7,797</b>	63,463	124	6,784	3,963	9	10,624
8/15/2020	<b>7,188</b>	63,296	125	6,481	3,659	5	10,012
8/22/2020	<b>6,315</b>	62,109	123	5,938	3,198	12	9,064
8/29/2020	<b>5,649</b>	60,477	119	5,497	2,859	11	8,293
9/5/2020	<b>4,869</b>	59,187	116	5,107	2,453	9	7,528
9/12/2020	<b>4,427</b>	58,143	113	4,816	2,216	7	7,032
9/19/2020	<b>4,067</b>	58,014	112	4,602	1,972	5	6,702
9/26/2020	<b>4,085</b>	58,817	113	4,762	2,021	4	6,829
10/3/2020	<b>4,009</b>	57,711	110	4,603	1,924	8	6,696
10/10/2020	<b>4,534</b>	59,182	113	4,900	2,226	13	7,218
10/17/2020	<b>4,861</b>	57,568	108	4,926	2,308	16	7,488
10/24/2020	<b>5,583</b>	58,869	110	5,300	2,564	16	8,328
10/31/2020	<b>6,439</b>	59,642	110	5,695	3,001	19	9,147
11/7/2020	<b>7,990</b>	62,641	115	6,507	3,736	21	10,774
11/14/2020	<b>9,632</b>	63,163	115	7,319	4,575	18	12,388
11/21/2020	<b>11,672</b>	63,592	114	8,299	5,556	28	14,433
11/28/2020	<b>12,270</b>	61,323	110	8,422	5,947	18	14,753
12/5/2020	<b>11,183</b>	55,748	98	7,656	5,308	23	13,546
12/12/2020	<b>4,521</b>	37,048	64	3,764	2,188	6	6,103
12/19/2020	<b>998</b>	11,257	19	1,002	500	4	1,504

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.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent 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).

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths 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 12/19/2020.\***

Updated December 22, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0-J18.9) <sup>3</sup>	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0-J18.9 and U07.1) <sup>3</sup>	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09-J11) <sup>4</sup>	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09-J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>288,287</b>	2,835,533	112	276,328	132,602	6,922	437,868
Alabama	<b>5,018</b>	52,924	112	4,193	1,621	104	7,687
Alaska	<b>139</b>	4,011	103	217	78	-	285
Arizona	<b>6,594</b>	64,813	122	6,878	3,745	116	9,843
Arkansas	<b>3,017</b>	32,183	113	3,084	1,327	84	4,853
California	<b>20,732</b>	265,425	111	26,818	11,601	585	36,531
Colorado	<b>3,601</b>	40,488	115	3,545	1,773	96	5,464
Connecticut	<b>4,940</b>	29,674	105	2,368	1,131	73	6,247
Delaware	<b>715</b>	9,007	109	625	288	16	1,068
District of Columbia	<b>863</b>	6,267	114	1,156	813	10	1,216
Florida	<b>18,991</b>	211,125	114	21,809	10,627	355	30,498
Georgia	<b>8,263</b>	85,643	113	7,683	3,991	118	12,069
Hawaii	<b>327</b>	10,503	101	698	154	21	892
Idaho	<b>1,072</b>	13,933	110	929	437	28	1,589
Illinois	<b>12,885</b>	110,608	117	11,765	6,254	187	18,578
Indiana	<b>6,935</b>	65,722	111	6,830	3,146	137	10,751
Iowa	<b>3,737</b>	30,293	112	2,722	1,246	87	5,299
Kansas	<b>2,383</b>	26,123	111	2,219	1,024	92	3,667
Kentucky	<b>2,871</b>	45,466	106	4,456	1,376	104	6,052
Louisiana	<b>5,916</b>	47,266	115	4,690	2,915	75	7,760
Maine	<b>327</b>	13,637	104	857	74	31	1,141
Maryland	<b>5,489</b>	51,709	116	4,899	2,051	129	8,450

Massachusetts	<b>9,042</b>	60,079	113	6,559	3,278	172	12,487
Michigan	<b>9,791</b>	99,460	115	9,539	4,804	250	14,764
Minnesota	<b>4,486</b>	44,534	111	3,690	1,465	125	6,834
Mississippi	<b>4,084</b>	33,443	118	4,189	2,138	61	6,189
Missouri	<b>5,662</b>	63,336	111	5,151	2,306	185	8,689
Montana	<b>841</b>	10,054	110	791	391	34	1,275
Nebraska	<b>1,730</b>	16,783	110	1,576	691	29	2,644
Nevada	<b>2,389</b>	26,158	114	3,209	1,835	42	3,805
New Hampshire	<b>602</b>	11,798	106	691	148	32	1,175
New Jersey	<b>16,084</b>	83,410	126	11,715	7,812	123	20,096
New Mexico	<b>1,675</b>	18,180	110	1,667	803	31	2,569
New York <sup>7</sup>	<b>13,669</b>	104,173	117	13,013	6,356	224	20,530
New York City	<b>21,419</b>	74,501	154	12,139	8,182	970	25,513
North Carolina	<b>3,353</b>	67,129	79	4,933	1,414	232	7,101
North Dakota	<b>1,007</b>	6,964	108	901	480	21	1,449
Ohio	<b>8,419</b>	117,357	106	8,647	3,648	267	13,684
Oklahoma	<b>2,747</b>	37,093	105	3,625	1,037	121	5,447
Oregon	<b>1,019</b>	33,745	103	1,620	333	67	2,372
Pennsylvania	<b>12,916</b>	131,694	109	10,485	4,861	262	18,795
Rhode Island	<b>1,372</b>	9,935	106	954	558	25	1,793
South Carolina	<b>4,408</b>	50,697	115	4,376	1,944	107	6,942
South Dakota	<b>1,198</b>	8,419	114	929	503	30	1,652
Tennessee	<b>5,472</b>	74,668	112	7,144	2,787	144	9,969
Texas	<b>25,591</b>	212,812	117	24,972	13,548	395	37,391
Utah	<b>1,171</b>	18,851	111	1,311	479	41	2,044
Vermont	<b>92</b>	5,369	104	240	21	16	327
Virginia	<b>4,654</b>	67,614	110	4,394	1,759	124	7,405
Washington	<b>2,770</b>	53,735	105	4,049	1,435	116	5,495
West Virginia	<b>712</b>	18,386	91	1,438	299	60	1,911
Wisconsin	<b>4,806</b>	53,711	113	3,591	1,496	152	7,051
Wyoming	<b>291</b>	4,625	113	349	119	-	530
Puerto Rico	<b>1,138</b>	24,470	92	3,285	743	75	3,750

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.

<sup>1</sup>Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

<sup>2</sup>Percent 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.

<sup>3</sup>Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

<sup>4</sup>Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

<sup>5</sup>Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

<sup>6</sup>United States death count includes the 50 states, plus the District of Columbia and New York City.

<sup>7</sup>Excludes 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.

