

## 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 18, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of December 18, 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 12/12/2020.\***

**Updated December 18, 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>281,085</b>	2,800,974	113	271,263	128,974	6,904	429,214
2/1/2020	<b>0</b>	58,791	99	3,813	0	481	4,294
2/8/2020	<b>1</b>	59,358	99	3,810	0	521	4,332
2/15/2020	<b>0</b>	58,772	100	3,838	0	560	4,398
2/22/2020	<b>4</b>	58,848	101	3,707	1	566	4,276
2/29/2020	<b>10</b>	59,263	103	3,832	5	656	4,493
3/7/2020	<b>36</b>	59,644	103	3,974	18	635	4,626
3/14/2020	<b>56</b>	58,619	103	3,969	28	626	4,622
3/21/2020	<b>573</b>	59,152	104	4,543	250	558	5,417
3/28/2020	<b>3,171</b>	62,946	113	6,180	1,434	445	8,311
4/4/2020	<b>10,045</b>	72,234	129	9,924	4,765	478	15,447
4/11/2020	<b>16,209</b>	78,992	143	12,001	7,232	473	21,112
4/18/2020	<b>17,095</b>	76,674	142	11,397	7,314	265	21,254
4/25/2020	<b>15,465</b>	73,800	137	10,380	6,608	144	19,284
5/2/2020	<b>13,168</b>	69,219	129	8,943	5,516	65	16,640
5/9/2020	<b>11,187</b>	66,736	127	7,832	4,710	48	14,347
5/16/2020	<b>9,184</b>	64,396	123	6,770	3,780	21	12,192
5/23/2020	<b>7,197</b>	61,533	118	5,890	2,971	24	10,135
5/30/2020	<b>6,135</b>	59,586	115	5,273	2,484	12	8,936
6/6/2020	<b>5,015</b>	58,815	112	4,891	2,144	11	7,773
6/13/2020	<b>4,214</b>	57,936	112	4,537	1,860	11	6,899

6/20/2020	<b>3,817</b>	57,882	112	4,362	1,603	8	6,583
6/27/2020	<b>3,804</b>	58,383	113	4,255	1,551	11	6,518
7/4/2020	<b>4,502</b>	59,715	115	4,552	1,995	5	7,061
7/11/2020	<b>5,740</b>	61,785	121	5,525	2,707	10	8,567
7/18/2020	<b>7,137</b>	63,012	124	6,174	3,443	13	9,878
7/25/2020	<b>8,168</b>	64,067	127	6,739	3,947	10	10,965
8/1/2020	<b>8,246</b>	64,034	126	6,820	4,057	13	11,015
8/8/2020	<b>7,795</b>	63,450	124	6,784	3,963	9	10,622
8/15/2020	<b>7,186</b>	63,278	125	6,481	3,658	5	10,011
8/22/2020	<b>6,310</b>	62,091	123	5,936	3,195	12	9,060
8/29/2020	<b>5,645</b>	60,441	118	5,493	2,857	11	8,287
9/5/2020	<b>4,862</b>	59,082	115	5,100	2,448	9	7,519
9/12/2020	<b>4,419</b>	57,993	112	4,800	2,211	7	7,013
9/19/2020	<b>4,056</b>	57,845	112	4,584	1,965	5	6,680
9/26/2020	<b>4,073</b>	58,656	113	4,751	2,017	4	6,810
10/3/2020	<b>3,996</b>	57,606	110	4,590	1,917	8	6,677
10/10/2020	<b>4,517</b>	59,084	113	4,888	2,220	13	7,195
10/17/2020	<b>4,852</b>	57,497	108	4,919	2,304	16	7,476
10/24/2020	<b>5,568</b>	58,761	109	5,282	2,555	16	8,304
10/31/2020	<b>6,419</b>	59,465	110	5,671	2,992	18	9,112
11/7/2020	<b>7,944</b>	62,320	114	6,473	3,719	21	10,711
11/14/2020	<b>9,500</b>	62,571	114	7,219	4,509	18	12,222
11/21/2020	<b>11,335</b>	62,391	112	8,083	5,388	27	14,047
11/28/2020	<b>11,302</b>	58,671	105	7,810	5,438	17	13,682
12/5/2020	<b>8,518</b>	48,758	86	6,053	3,965	15	10,614
12/12/2020	<b>2,609</b>	26,822	46	2,415	1,230	3	3,797

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 12/12/2020.\***

Updated December 18, 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>281,085</b>	2,800,974	113	271,263	128,974	6,904	429,214
Alabama	<b>4,914</b>	52,387	114	4,125	1,574	104	7,562
Alaska	<b>128</b>	3,898	102	203	72	-	265
Arizona	<b>6,407</b>	64,081	123	6,713	3,620	116	9,616
Arkansas	<b>2,903</b>	31,904	115	3,026	1,281	84	4,727
California	<b>20,355</b>	262,609	112	26,453	11,371	585	36,019
Colorado	<b>3,427</b>	39,920	116	3,441	1,683	96	5,276
Connecticut	<b>4,940</b>	29,674	108	2,368	1,131	73	6,247
Delaware	<b>713</b>	8,992	111	623	288	16	1,064
District of Columbia	<b>854</b>	6,203	116	1,142	804	10	1,202
Florida	<b>18,728</b>	208,794	115	21,522	10,451	354	30,123
Georgia	<b>8,200</b>	84,904	115	7,606	3,943	118	11,977
Hawaii	<b>319</b>	10,393	103	688	149	21	879
Idaho	<b>1,050</b>	13,798	111	912	425	28	1,562
Illinois	<b>12,402</b>	108,732	117	11,433	6,005	186	18,011
Indiana	<b>6,687</b>	65,209	113	6,693	3,030	136	10,481
Iowa	<b>3,552</b>	29,819	113	2,632	1,175	87	5,095
Kansas	<b>2,251</b>	25,710	112	2,146	962	91	3,524
Kentucky	<b>2,751</b>	44,872	107	4,363	1,320	104	5,895
Louisiana	<b>5,827</b>	46,756	117	4,634	2,871	75	7,659
Maine	<b>299</b>	13,439	105	841	65	31	1,106
Maryland	<b>5,389</b>	51,107	117	4,830	2,014	129	8,318
Massachusetts	<b>8,944</b>	59,430	114	6,482	3,235	172	12,355

Michigan	<b>9,165</b>	97,786	115	9,174	4,488	248	14,089
Minnesota	<b>4,309</b>	43,886	112	3,609	1,408	125	6,633
Mississippi	<b>3,998</b>	33,127	120	4,131	2,093	60	6,089
Missouri	<b>5,566</b>	62,533	112	5,077	2,263	184	8,561
Montana	<b>839</b>	10,039	112	789	390	34	1,272
Nebraska	<b>1,583</b>	16,410	110	1,502	633	29	2,481
Nevada	<b>2,296</b>	25,825	115	3,117	1,757	42	3,698
New Hampshire	<b>586</b>	11,647	107	685	146	32	1,155
New Jersey	<b>15,839</b>	82,393	127	11,537	7,671	122	19,813
New Mexico	<b>1,645</b>	18,023	112	1,643	790	31	2,528
New York <sup>7</sup>	<b>13,427</b>	102,830	118	12,839	6,254	224	20,216
New York City	<b>21,337</b>	73,617	155	12,077	8,161	970	25,390
North Carolina	<b>3,292</b>	66,407	80	4,871	1,382	232	7,010
North Dakota	<b>996</b>	6,890	110	888	472	21	1,433
Ohio	<b>7,901</b>	115,405	107	8,360	3,426	267	13,101
Oklahoma	<b>2,725</b>	36,636	106	3,587	1,028	121	5,396
Oregon	<b>969</b>	33,359	104	1,593	314	67	2,314
Pennsylvania	<b>12,571</b>	130,167	110	10,291	4,701	261	18,415
Rhode Island	<b>1,373</b>	9,942	109	955	559	25	1,794
South Carolina	<b>4,389</b>	50,094	117	4,345	1,935	106	6,900
South Dakota	<b>1,180</b>	8,293	115	911	490	30	1,629
Tennessee	<b>5,292</b>	73,804	113	7,001	2,682	144	9,751
Texas	<b>24,716</b>	209,476	118	24,311	13,031	390	36,367
Utah	<b>1,160</b>	18,804	113	1,302	472	41	2,031
Vermont	<b>78</b>	5,252	104	234	16	16	312
Virginia	<b>4,563</b>	66,560	111	4,322	1,724	123	7,276
Washington	<b>2,688</b>	53,377	107	3,984	1,392	116	5,391
West Virginia	<b>677</b>	18,158	92	1,406	285	60	1,858
Wisconsin	<b>4,617</b>	53,036	114	3,508	1,433	152	6,842
Wyoming	<b>268</b>	4,567	114	338	109	-	506
Puerto Rico	<b>1,092</b>	24,207	93	3,236	715	74	3,683

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.

