



# 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 15, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of December 15, 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 15, 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>273,824</b>	2,763,245	112	266,116	125,527	6,891	420,245
2/1/2020	<b>0</b>	58,791	99	3,813	0	480	4,293
2/8/2020	<b>1</b>	59,357	99	3,809	0	521	4,331
2/15/2020	<b>0</b>	58,772	100	3,837	0	560	4,397
2/22/2020	<b>4</b>	58,846	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>	59,642	103	3,974	18	634	4,625
3/14/2020	<b>56</b>	58,619	103	3,968	28	626	4,621
3/21/2020	<b>573</b>	59,150	104	4,543	250	558	5,417
3/28/2020	<b>3,172</b>	62,945	113	6,179	1,434	444	8,310
4/4/2020	<b>10,045</b>	72,231	129	9,923	4,764	478	15,447
4/11/2020	<b>16,205</b>	78,990	142	12,001	7,232	473	21,108
4/18/2020	<b>17,095</b>	76,672	142	11,397	7,314	265	21,254
4/25/2020	<b>15,460</b>	73,798	137	10,381	6,608	144	19,280
5/2/2020	<b>13,165</b>	69,215	129	8,944	5,515	65	16,639
5/9/2020	<b>11,187</b>	66,736	127	7,832	4,710	48	14,347
5/16/2020	<b>9,182</b>	64,394	123	6,770	3,780	21	12,190
5/23/2020	<b>7,197</b>	61,531	118	5,890	2,971	24	10,135
5/30/2020	<b>6,134</b>	59,583	115	5,272	2,484	12	8,934
6/6/2020	<b>5,015</b>	58,810	112	4,888	2,143	11	7,771
6/13/2020	<b>4,212</b>	57,931	112	4,537	1,860	11	6,897

6/20/2020	<b>3,817</b>	57,880	112	4,362	1,603	8	6,583
6/27/2020	<b>3,805</b>	58,378	113	4,255	1,551	11	6,519
7/4/2020	<b>4,500</b>	59,714	115	4,552	1,994	5	7,060
7/11/2020	<b>5,739</b>	61,777	121	5,523	2,706	10	8,565
7/18/2020	<b>7,135</b>	63,004	124	6,174	3,443	13	9,876
7/25/2020	<b>8,163</b>	64,053	127	6,735	3,944	10	10,959
8/1/2020	<b>8,244</b>	64,025	126	6,818	4,056	13	11,012
8/8/2020	<b>7,794</b>	63,442	124	6,783	3,963	9	10,620
8/15/2020	<b>7,186</b>	63,262	125	6,478	3,658	5	10,008
8/22/2020	<b>6,309</b>	62,076	123	5,936	3,195	12	9,059
8/29/2020	<b>5,637</b>	60,412	118	5,490	2,853	11	8,280
9/5/2020	<b>4,858</b>	59,005	115	5,094	2,447	9	7,510
9/12/2020	<b>4,410</b>	57,841	112	4,796	2,210	7	7,001
9/19/2020	<b>4,048</b>	57,641	111	4,570	1,960	5	6,663
9/26/2020	<b>4,065</b>	58,494	113	4,737	2,013	4	6,792
10/3/2020	<b>3,979</b>	57,442	109	4,573	1,906	8	6,654
10/10/2020	<b>4,507</b>	58,944	113	4,876	2,216	12	7,176
10/17/2020	<b>4,841</b>	57,343	107	4,901	2,297	16	7,454
10/24/2020	<b>5,554</b>	58,574	109	5,264	2,549	16	8,278
10/31/2020	<b>6,397</b>	59,179	109	5,641	2,983	18	9,069
11/7/2020	<b>7,860</b>	61,729	113	6,403	3,677	21	10,599
11/14/2020	<b>9,340</b>	61,578	112	7,101	4,434	18	12,019
11/21/2020	<b>10,815</b>	60,232	108	7,720	5,120	26	13,432
11/28/2020	<b>9,811</b>	53,316	96	6,816	4,692	14	11,943
12/5/2020	<b>5,307</b>	37,312	66	4,080	2,481	12	6,912
12/12/2020	<b>954</b>	11,316	20	941	459	1	1,437

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 15, 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>273,824</b>	2,763,245	112	266,116	125,527	6,891	420,245
Alabama	<b>4,788</b>	51,556	112	4,050	1,536	104	7,399
Alaska	<b>128</b>	3,898	102	203	72	-	265
Arizona	<b>6,268</b>	63,640	123	6,617	3,535	116	9,466
Arkansas	<b>2,875</b>	31,674	114	2,995	1,265	84	4,684
California	<b>19,669</b>	258,565	111	25,852	10,988	585	35,115
Colorado	<b>3,218</b>	39,263	114	3,309	1,578	96	5,040
Connecticut	<b>4,774</b>	28,929	105	2,282	1,075	72	6,050
Delaware	<b>695</b>	8,762	109	612	281	16	1,042
District of Columbia	<b>849</b>	6,126	114	1,133	799	10	1,193
Florida	<b>18,446</b>	206,193	114	21,232	10,277	353	29,724
Georgia	<b>8,049</b>	83,594	113	7,490	3,870	118	11,783
Hawaii	<b>316</b>	10,290	102	680	148	21	869
Idaho	<b>1,021</b>	13,544	109	897	413	28	1,530
Illinois	<b>12,363</b>	107,893	117	11,374	5,979	185	17,938
Indiana	<b>6,360</b>	63,841	111	6,467	2,872	136	10,086
Iowa	<b>3,455</b>	29,540	112	2,592	1,148	87	4,985
Kansas	<b>2,039</b>	25,201	110	2,032	863	91	3,297
Kentucky	<b>2,594</b>	44,139	105	4,252	1,252	104	5,695
Louisiana	<b>5,755</b>	46,144	115	4,571	2,829	75	7,566
Maine	<b>282</b>	13,308	104	833	63	31	1,083
Maryland	<b>5,261</b>	50,428	116	4,741	1,961	129	8,154
Massachusetts	<b>8,812</b>	58,580	113	6,382	3,176	172	12,182

Michigan	<b>8,661</b>	96,034	113	8,848	4,241	247	13,506
Minnesota	<b>4,110</b>	43,306	111	3,523	1,344	125	6,412
Mississippi	<b>3,894</b>	32,563	118	4,039	2,034	60	5,952
Missouri	<b>5,328</b>	61,692	110	4,920	2,144	184	8,285
Montana	<b>820</b>	9,893	110	778	381	34	1,251
Nebraska	<b>1,504</b>	16,218	109	1,462	598	29	2,397
Nevada	<b>2,212</b>	25,436	113	3,032	1,688	42	3,598
New Hampshire	<b>572</b>	11,544	106	677	142	31	1,136
New Jersey	<b>15,790</b>	81,815	126	11,483	7,649	122	19,732
New Mexico	<b>1,549</b>	17,733	110	1,586	743	31	2,422
New York <sup>7</sup>	<b>13,200</b>	101,834	117	12,713	6,178	224	19,939
New York City	<b>21,255</b>	72,452	153	11,998	8,140	969	25,249
North Carolina	<b>3,255</b>	65,706	79	4,826	1,364	232	6,946
North Dakota	<b>948</b>	6,814	109	868	453	21	1,384
Ohio	<b>7,744</b>	113,972	106	8,211	3,346	267	12,875
Oklahoma	<b>2,571</b>	35,637	103	3,458	964	119	5,176
Oregon	<b>917</b>	32,920	103	1,555	298	66	2,239
Pennsylvania	<b>12,028</b>	128,267	108	10,013	4,482	261	17,813
Rhode Island	<b>1,322</b>	9,774	107	937	548	25	1,736
South Carolina	<b>4,238</b>	49,369	115	4,221	1,853	106	6,707
South Dakota	<b>1,180</b>	8,293	115	911	490	30	1,629
Tennessee	<b>5,059</b>	72,717	112	6,834	2,572	143	9,461
Texas	<b>24,108</b>	207,086	117	23,860	12,689	388	35,649
Utah	<b>1,082</b>	18,302	110	1,248	437	41	1,934
Vermont	<b>78</b>	5,252	104	234	16	16	312
Virginia	<b>4,491</b>	66,324	111	4,281	1,690	122	7,197
Washington	<b>2,665</b>	52,627	106	3,940	1,378	116	5,338
West Virginia	<b>586</b>	17,842	90	1,338	234	60	1,750
Wisconsin	<b>4,385</b>	52,193	112	3,397	1,345	152	6,587
Wyoming	<b>255</b>	4,522	113	329	106	-	487
Puerto Rico	<b>1,080</b>	24,034	92	3,207	704	74	3,653

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.

