



## 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: July 1, 2020



Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 1, 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.

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 6/27/2020.\*

Updated July 1, 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>112,226</b>	1,276,875	104	122,597	48,556	6,470	191,798
2/1/2020	<b>0</b>	58,232	98	3,768	0	478	4,246
2/8/2020	<b>1</b>	58,862	98	3,761	0	517	4,279
2/15/2020	<b>0</b>	58,026	98	3,777	0	549	4,326
2/22/2020	<b>5</b>	57,941	100	3,642	1	558	4,204
2/29/2020	<b>5</b>	58,266	101	3,765	3	639	4,406
3/7/2020	<b>33</b>	58,537	101	3,902	16	621	4,539
3/14/2020	<b>52</b>	57,454	101	3,886	27	611	4,521
3/21/2020	<b>552</b>	58,084	102	4,470	246	543	5,312
3/28/2020	<b>3,058</b>	62,120	111	6,059	1,377	440	8,130
4/4/2020	<b>9,516</b>	70,903	127	9,640	4,549	461	14,845
4/11/2020	<b>15,712</b>	77,604	140	11,730	7,039	468	20,533
4/18/2020	<b>16,370</b>	74,992	139	11,003	6,993	260	20,454
4/25/2020	<b>14,133</b>	71,262	132	9,735	6,049	143	17,866
5/2/2020	<b>11,705</b>	66,180	123	8,274	4,959	62	15,062
5/9/2020	<b>10,788</b>	64,140	121	7,547	4,571	46	13,801
5/16/2020	<b>8,843</b>	60,913	116	6,457	3,661	19	11,655
5/23/2020	<b>6,789</b>	57,238	109	5,518	2,839	20	9,486
5/30/2020	<b>5,658</b>	54,302	104	4,816	2,296	10	8,188
6/6/2020	<b>4,279</b>	51,959	97	4,284	1,867	10	6,706
6/13/2020	<b>3,047</b>	47,305	85	3,451	1,341	10	5,164
6/20/2020	<b>1,451</b>	36,035	57	2,280	627	4	3,108
6/27/2020	<b>229</b>	16,520	21	832	95	1	967

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 2018 postcensal estimates from the U.S. Census Bureau, is 327,167,434.

\*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 6/27/2020.\***

Updated July 1, 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>5</sup>	<b>112,226</b>	1,276,875	104	122,597	48,556	6,470	191,798
Alabama	<b>935</b>	22,315	96	1,513	276	95	2,264
Alaska	<b>11</b>	1,628	88	77	-	-	88
Arizona	<b>1,259</b>	28,062	109	2,247	661	113	2,958
Arkansas	<b>233</b>	13,484	99	916	87	75	1,137
California	<b>5,172</b>	118,232	102	10,906	2,863	575	13,789
Colorado	<b>1,520</b>	18,587	111	1,756	784	95	2,582
Connecticut	<b>3,473</b>	11,179	83	1,289	798	68	4,030
Delaware	<b>460</b>	3,992	94	349	175	16	650
District of Columbia	<b>542</b>	3,048	116	702	536	-	717
Florida	<b>2,969</b>	92,241	100	7,093	1,533	307	8,827
Georgia	<b>2,054</b>	36,201	97	2,759	926	109	3,995
Hawaii	<b>16</b>	4,732	95	296	-	20	326
Idaho	<b>90</b>	5,932	96	287	26	25	376
Illinois	<b>5,973</b>	52,309	116	6,019	3,023	176	9,142
Indiana	<b>2,375</b>	29,379	99	2,900	992	131	4,410

Iowa	<b>675</b>	12,772	98	952	198	84	1,513
Kansas	<b>244</b>	10,999	94	736	103	89	966
Kentucky	<b>524</b>	19,142	93	1,769	265	97	2,124
Louisiana	<b>2,613</b>	20,801	106	2,061	1,211	71	3,529
Maine	<b>107</b>	6,197	97	446	25	31	559
Maryland	<b>3,220</b>	25,024	116	2,717	1,210	125	4,836
Massachusetts	<b>7,217</b>	32,203	126	4,551	2,612	161	9,309
Michigan	<b>5,217</b>	46,549	112	5,083	2,581	239	7,954
Minnesota	<b>1,309</b>	19,913	104	1,544	374	121	2,599
Mississippi	<b>906</b>	14,173	104	1,419	423	51	1,953
Missouri	<b>855</b>	26,521	96	1,680	289	176	2,422
Montana	<b>20</b>	4,047	90	211	-	34	261
Nebraska	<b>221</b>	6,967	96	530	80	28	699
Nevada	<b>451</b>	11,136	99	1,001	331	39	1,160
New Hampshire	<b>334</b>	5,543	103	397	98	30	662
New Jersey	<b>12,843</b>	46,869	143	8,699	6,310	118	15,336
New Mexico	<b>402</b>	7,769	97	613	170	29	874
New York <sup>7</sup>	<b>10,424</b>	54,013	127	8,721	5,090	206	14,244
New York City	<b>19,106</b>	47,868	208	9,853	7,393	945	21,694
North Carolina	<b>859</b>	30,452	75	2,147	318	225	2,911
North Dakota	<b>65</b>	2,396	79	203	22	19	265
Ohio	<b>2,256</b>	50,073	94	3,364	947	254	4,926
Oklahoma	<b>363</b>	15,637	89	1,387	139	107	1,712
Oregon	<b>197</b>	14,763	94	746	73	64	933
Pennsylvania	<b>6,600</b>	57,050	95	5,136	2,417	195	9,511
Rhode Island	<b>822</b>	4,754	104	525	318	25	1,054
South Carolina	<b>661</b>	22,028	105	1,432	261	98	1,929
South Dakota	<b>85</b>	3,271	86	262	38	26	335
Tennessee	<b>459</b>	31,392	95	2,302	186	127	2,702
Texas	<b>2,221</b>	86,736	100	6,643	975	341	8,226
Utah	<b>153</b>	8,123	99	450	57	40	586
Vermont	<b>54</b>	2,532	101	145	13	16	202
Virginia	<b>1,723</b>	30,552	103	1,920	589	111	3,163

Washington	<b>1,107</b>	24,427	100	1,918	587	111	2,544
West Virginia	<b>94</b>	7,821	81	579	30	58	701
Wisconsin	<b>719</b>	23,136	100	1,224	120	150	1,971
Wyoming	<b>18</b>	1,905	100	122	-	-	142
Puerto Rico	<b>139</b>	10,990	93	1,416	73	61	1,542

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.

