



## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease (COVID-19)

### Contents

#### **Daily Updates of Totals by Week and State**

[Weekly Updates by Select Demographic and Geographic Characteristics](#)

[Excess Deaths Associated with COVID-19](#)

[Technical Notes](#)

Updated: June 2, 2020

**i** Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of June 2, 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 (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 COVID-19 deaths 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 5/30/2020.\*

Updated June 2, 2020

Week ending date in which the death occurred	COVID-19 Deaths (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Pneumonia Deaths (J12.0–J18.9) <sup>3</sup>	Deaths with Pneumonia and COVID-19 (J12.0–J18.9 and U07.1) <sup>3</sup>	Influenza Deaths (J09–J11) <sup>4</sup>	Deaths with Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) <sup>5</sup>
Total Deaths	<b>86,495</b>	1,015,201	101	99,367	37,806	6,336	153,468
2/1/2020	<b>0</b>	57,670	97	3,725	0	475	4,200
2/8/2020	<b>1</b>	58,292	98	3,717	0	513	4,231
2/15/2020	<b>0</b>	57,645	98	3,751	0	543	4,294
2/22/2020	<b>2</b>	57,716	99	3,621	0	554	4,177
2/29/2020	<b>5</b>	58,074	101	3,745	3	631	4,378
3/7/2020	<b>32</b>	58,079	100	3,857	16	617	4,489
3/14/2020	<b>51</b>	56,950	100	3,851	26	605	4,480
3/21/2020	<b>541</b>	57,430	101	4,398	245	533	5,221
3/28/2020	<b>3,006</b>	61,202	110	5,967	1,358	432	7,998
4/4/2020	<b>9,389</b>	69,491	124	9,481	4,504	457	14,600
4/11/2020	<b>15,438</b>	75,349	136	11,471	6,929	460	20,104
4/18/2020	<b>15,869</b>	72,085	133	10,643	6,803	254	19,780
4/25/2020	<b>13,346</b>	67,213	125	9,223	5,762	139	16,850
5/2/2020	<b>10,568</b>	61,366	114	7,643	4,563	56	13,685
5/9/2020	<b>9,340</b>	57,554	109	6,651	3,969	42	12,055
5/16/2020	<b>6,334</b>	49,313	94	4,863	2,620	15	8,591
5/23/2020	<b>2,251</b>	30,696	59	2,297	895	10	3,663
5/30/2020	<b>322</b>	9,076	17	463	113	0	672

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. 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, age, 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>Pneumonia death counts exclude pneumonia deaths involving influenza.

<sup>4</sup>Influenza death counts 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 5/30/2020.\*

Updated June 2, 2020

Jurisdiction of Occurrence	COVID-19 Deaths (U07.1) <sup>1</sup>	Deaths from All Causes	Percent of Expected Deaths <sup>2</sup>	Pneumonia Deaths (J12.0–J18.9) <sup>3</sup>	Deaths with Pneumonia and COVID-19 (J12.0–J18.9 and U07.1) <sup>3</sup>	Influenza Deaths (J09–J11) <sup>4</sup>	Deaths with Pneumonia, Influenza, or COVID-19 U07.1 or J09–J18.9) <sup>5</sup>
United States <sup>6</sup>	<b>86,495</b>	1,015,201	101	99,367	37,806	6,336	153,468
Alabama	<b>548</b>	17,439	94	1,149	157	90	1,628
Alaska	-	1,264	86	60	-	-	70
Arizona	<b>690</b>	21,421	100	1,650	352	110	2,098
Arkansas	<b>102</b>	10,635	95	720	28	74	868
California	<b>3,074</b>	93,239	97	8,399	1,721	564	10,315
Colorado	<b>1,228</b>	15,089	108	1,474	647	93	2,143
Connecticut	<b>1,405</b>	6,346	57	618	304	59	1,777
Delaware	<b>298</b>	3,168	98	262	115	16	461
District of Columbia	<b>326</b>	2,305	108	471	326	-	478
Florida	<b>2,056</b>	74,005	100	5,667	1,070	302	6,948
Georgia	<b>1,415</b>	28,274	95	2,137	653	105	3,004
Hawaii	<b>16</b>	3,779	92	246	-	20	276
Idaho	<b>77</b>	4,743	94	245	24	25	323
Illinois	<b>3,746</b>	41,101	110	4,508	1,944	176	6,483
Indiana	<b>1,656</b>	23,253	99	2,321	714	128	3,388
Iowa	<b>375</b>	10,117	95	733	100	84	1,092
Kansas	<b>183</b>	8,855	95	614	80	88	805
Kentucky	<b>350</b>	14,833	87	1,370	178	94	1,635
Louisiana	<b>2,074</b>	16,592	103	1,633	937	71	2,836
Maine	<b>84</b>	5,070	98	389	19	31	485
Maryland	<b>2,214</b>	19,857	113	2,074	810	123	3,585
Massachusetts	<b>5,861</b>	26,640	126	3,794	2,106	159	7,700
Michigan	<b>4,320</b>	37,008	108	4,277	2,182	235	6,646
Minnesota	<b>808</b>	15,870	102	1,217	240	118	1,902
Mississippi	<b>537</b>	11,194	101	1,091	242	51	1,437
Missouri	<b>594</b>	21,215	93	1,395	213	173	1,949

Montana	<b>16</b>	3,334	92	178	-	34	225
Nebraska	<b>116</b>	5,502	92	431	40	28	535
Nevada	<b>332</b>	8,799	96	802	245	39	928
New Hampshire	<b>205</b>	4,428	102	330	66	30	498
New Jersey	<b>11,289</b>	39,622	151	7,612	5,536	116	13,467
New Mexico	<b>247</b>	6,040	92	455	98	27	631
New York <sup>7</sup>	<b>9,255</b>	45,158	128	7,713	4,591	201	12,561
New York City	<b>18,152</b>	42,817	225	9,252	7,037	940	20,495
North Carolina	<b>332</b>	21,366	64	1,428	131	208	1,837
North Dakota	<b>32</b>	1,876	75	171	12	19	210
Ohio	<b>1,367</b>	39,505	91	2,590	582	249	3,623
Oklahoma	<b>257</b>	11,899	85	1,091	104	102	1,341
Oregon	<b>158</b>	11,701	91	615	60	61	773
Pennsylvania	<b>5,325</b>	44,434	92	4,223	2,019	187	7,713
Rhode Island	<b>460</b>	3,500	94	346	180	25	651
South Carolina	<b>399</b>	17,553	102	1,109	159	97	1,445
South Dakota	<b>45</b>	2,593	90	207	18	25	259
Tennessee	<b>295</b>	24,977	95	1,843	127	124	2,135
Texas	<b>1,340</b>	68,071	96	5,213	573	331	6,308
Utah	<b>86</b>	6,569	98	362	35	40	453
Vermont	<b>52</b>	2,063	102	127	12	15	182
Virginia	<b>1,222</b>	24,861	103	1,546	410	111	2,467
Washington	<b>918</b>	18,610	92	1,602	496	108	2,127
West Virginia	<b>64</b>	6,557	82	480	18	58	584
Wisconsin	<b>479</b>	18,552	99	1,019	78	150	1,568
Wyoming	-	1,502	95	108	-	-	120
Puerto Rico	<b>118</b>	8,748	86	1,194	61	59	1,309

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.

\*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, age, 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>Pneumonia death counts exclude pneumonia deaths involving influenza.

<sup>4</sup>Influenza death counts 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 our 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, 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. Our counts 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 \(COVID-19\) Technical Notes](#) page.

