



## National Center for Health Statistics

# Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease (COVID-19)

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Updated: June 17, 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 17, 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 6/13/2020.\*

Updated June 17, 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>103,339</b>	1,160,656	105	113,297	44,813	6,419	177,311
2/1/2020	<b>1</b>	57,951	98	3,751	0	476	4,228
2/8/2020	<b>1</b>	58,467	98	3,734	0	514	4,249
2/15/2020	<b>0</b>	57,753	98	3,758	0	545	4,303
2/22/2020	<b>4</b>	57,819	99	3,634	1	557	4,194
2/29/2020	<b>5</b>	58,199	101	3,757	3	637	4,396
3/7/2020	<b>32</b>	58,461	101	3,890	16	620	4,525
3/14/2020	<b>52</b>	57,350	100	3,877	27	608	4,509
3/21/2020	<b>548</b>	57,975	102	4,456	245	540	5,293
3/28/2020	<b>3,040</b>	61,940	111	6,030	1,372	438	8,086
4/4/2020	<b>9,482</b>	70,440	126	9,587	4,537	460	14,769
4/11/2020	<b>15,652</b>	76,861	139	11,652	7,009	466	20,423
4/18/2020	<b>16,270</b>	74,162	137	10,916	6,963	259	20,297
4/25/2020	<b>14,017</b>	70,156	130	9,625	6,012	142	17,676
5/2/2020	<b>11,502</b>	64,973	121	8,118	4,881	59	14,778
5/9/2020	<b>10,492</b>	62,449	118	7,336	4,450	46	13,415
5/16/2020	<b>8,407</b>	58,542	111	6,182	3,491	18	11,114
5/23/2020	<b>6,142</b>	53,843	103	5,111	2,618	18	8,653
5/30/2020	<b>4,683</b>	48,712	94	4,165	1,912	9	6,945
6/6/2020	<b>2,548</b>	38,045	72	2,769	1,061	6	4,262
6/13/2020	<b>461</b>	16,558	32	949	215	1	1,196

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>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 6/13/2020.\***

Updated June 17, 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>103,339</b>	1,160,656	105	113,297	44,813	6,419	177,311
Alabama	<b>749</b>	19,952	101	1,340	219	92	1,959
Alaska	-	1,450	92	67	-	-	77
Arizona	<b>968</b>	25,262	111	1,972	499	111	2,552
Arkansas	<b>147</b>	11,994	100	808	50	75	980
California	<b>4,353</b>	107,527	105	9,901	2,435	571	12,389
Colorado	<b>1,402</b>	16,885	114	1,614	719	95	2,387
Connecticut	<b>2,869</b>	8,809	75	1,026	648	64	3,310
Delaware	<b>416</b>	3,599	105	308	150	16	590
District of Columbia	<b>443</b>	2,726	120	599	440	-	610
Florida	<b>2,571</b>	83,560	105	6,451	1,329	305	7,991
Georgia	<b>1,746</b>	32,392	102	2,446	802	107	3,496
Hawaii	<b>16</b>	4,263	98	277	-	20	307
Idaho	<b>87</b>	5,478	101	270	25	25	357
Illinois	<b>5,434</b>	47,956	119	5,591	2,760	176	8,438
Indiana	<b>2,080</b>	26,473	107	2,645	882	129	3,969
Iowa	<b>586</b>	11,651	102	861	160	84	1,371
Kansas	<b>219</b>	9,901	99	676	95	89	889

Kentucky	<b>439</b>	17,145	95	1,586	223	95	1,896
Louisiana	<b>2,430</b>	18,927	111	1,918	1,127	71	3,287
Maine	<b>101</b>	5,678	102	420	22	31	530
Maryland	<b>2,920</b>	22,858	121	2,482	1,099	124	4,411
Massachusetts	<b>6,927</b>	30,049	132	4,339	2,505	161	8,914
Michigan	<b>4,896</b>	42,285	115	4,743	2,439	236	7,432
Minnesota	<b>1,164</b>	18,138	108	1,418	332	121	2,370
Mississippi	<b>761</b>	12,964	109	1,300	357	51	1,755
Missouri	<b>763</b>	24,138	99	1,557	262	175	2,233
Montana	<b>16</b>	3,765	98	199	-	34	246
Nebraska	<b>170</b>	6,205	98	484	58	28	624
Nevada	<b>413</b>	10,083	103	921	303	39	1,070
New Hampshire	<b>296</b>	5,058	107	372	89	30	608
New Jersey	<b>12,386</b>	43,922	157	8,362	6,086	116	14,764
New Mexico	<b>339</b>	6,963	100	534	139	29	763
New York <sup>7</sup>	<b>10,146</b>	50,314	133	8,373	4,969	206	13,739
New York City	<b>18,856</b>	45,664	225	9,663	7,313	944	21,334
North Carolina	<b>604</b>	27,568	78	1,897	229	220	2,491
North Dakota	<b>62</b>	2,248	84	199	21	19	259
Ohio	<b>1,837</b>	44,760	97	2,977	772	252	4,293
Oklahoma	<b>330</b>	14,120	95	1,277	130	107	1,579
Oregon	<b>183</b>	13,459	98	683	68	63	860
Pennsylvania	<b>6,223</b>	51,517	99	4,800	2,304	188	8,904
Rhode Island	<b>641</b>	4,170	107	440	254	25	852
South Carolina	<b>550</b>	19,966	108	1,282	216	98	1,713
South Dakota	<b>68</b>	2,965	97	237	27	26	304
Tennessee	<b>375</b>	28,237	101	2,087	159	125	2,428
Texas	<b>1,825</b>	78,249	103	6,001	807	338	7,354
Utah	<b>122</b>	7,473	103	410	46	40	526
Vermont	<b>53</b>	2,310	126	140	12	16	197
Virginia	<b>1,578</b>	28,191	109	1,783	530	111	2,940
Washington	<b>1,037</b>	21,821	102	1,798	552	110	2,388
West Virginia	<b>83</b>	6,779	80	508	25	58	624

Wisconsin	<b>637</b>	21,060	106	1,141	107	150	1,819
Wyoming	<b>14</b>	1,729	103	114	-	-	132
Puerto Rico	<b>136</b>	9,934	92	1,319	72	61	1,443

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>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 \(COVID-19\) Technical Notes](#) page.

