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National Vital Statistics System

# Provisional Death Counts for Coronavirus Disease (COVID-19):

## Daily updates of totals by week and state

Provisional Deaths by Week and by State
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Updated: May 8, 2020

**Note:** Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of May 8, 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 5/2/2020.\***

Updated May 8, 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	47,128	787,181	98	72,455	20,819	6,019	103,915
2/1/2020	0	57,444	97	3,700	0	471	4,171
2/8/2020	1	57,766	97	3,686	0	499	4,186
2/15/2020	0	57,077	97	3,710	0	521	4,231
2/22/2020	1	57,041	98	3,573	0	541	4,115
2/29/2020	7	57,252	99	3,663	5	623	4,288
3/7/2020	29	56,850	98	3,766	16	594	4,372
3/14/2020	50	54,895	96	3,726	25	590	4,340
3/21/2020	504	54,997	97	4,229	230	504	5,001
3/28/2020	2,771	58,379	104	5,722	1,265	416	7,596
4/4/2020	8,437	65,937	118	8,994	4,040	441	13,614
4/11/2020	13,261	70,404	127	10,539	5,909	444	18,005
4/18/2020	12,556	64,003	118	9,105	5,382	234	16,341
4/25/2020	7,875	49,968	92	6,106	3,310	116	10,706
5/2/2020	1,636	25,168	39	1,936	637	25	2,949

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 5/2/2020.\***

Updated May 8, 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>	47,128	787,181	98	72,455	20,819	6,019	103,915
Alabama	220	13,665	93	873	64	86	1,115
Alaska	-	954	82	49	-	-	57
Arizona	294	17,233	102	1,233	147	106	1,486
Arkansas	48	8,512	95	584	14	67	685
California	1,589	75,184	98	6,595	924	555	7,815
Colorado	705	11,867	107	1,105	404	92	1,493
Connecticut	284	1,875	21	194	73	25	429
Delaware	87	2,266	82	149	34	14	216
District of Columbia	111	1,657	98	228	111	-	234
Florida	1,118	59,149	100	4,371	599	293	5,178
Georgia	645	21,821	93	1,503	290	98	1,956
Hawaii	-	3,041	94	199	-	19	224
Idaho	59	3,855	97	211	17	24	277
Illinois	1,585	31,500	106	2,987	867	172	3,874
Indiana	762	18,556	99	1,782	390	122	2,274
Iowa	126	8,045	94	573	28	81	752
Kansas	110	7,170	96	507	51	86	652
Kentucky	180	11,902	88	1,087	98	91	1,260
Louisiana	1,128	12,603	100	1,047	497	67	1,741
Maine	50	4,120	99	336	14	31	403
Maryland	968	15,090	106	1,414	369	114	2,115
Massachusetts	2,990	20,089	118	2,540	1,080	153	4,596
Michigan	2,529	29,771	109	3,140	1,230	225	4,660
Minnesota	279	12,329	100	917	96	114	1,213
Mississippi	242	8,774	100	802	110	51	985
Missouri	257	16,567	91	1,062	86	170	1,403
Montana	-	2,545	89	145	-	32	182
Nebraska	21	4,141	87	312	-	27	356
Nevada	192	7,009	97	624	156	37	697
New Hampshire	79	3,463	99	247	26	29	329
New Jersey	5,991	29,326	140	4,958	2,988	110	8,063
New Mexico	85	4,560	88	327	38	27	401
New York <sup>6</sup>	5,838	35,024	124	5,775	2,993	193	8,797
New York City	13,417	34,713	230	7,217	4,997	911	15,763
North Carolina	0	12,975	49	788	0	152	940
North Dakota	13	1,658	84	151	-	19	179
Ohio	502	30,430	88	1,870	232	237	2,377
Oklahoma	142	9,733	87	865	52	97	1,049
Oregon	95	9,306	91	492	38	60	609
Pennsylvania	1,917	30,105	78	2,457	751	179	3,799
Rhode Island	81	2,485	84	147	19	23	232
South Carolina	169	13,617	100	836	65	93	1,033
South Dakota	11	2,058	90	161	-	21	190
Tennessee	159	19,997	96	1,498	77	120	1,700
Texas	551	52,885	94	3,928	224	315	4,568
Utah	42	5,272	99	302	14	40	370
Vermont	46	1,657	101	111	11	14	160
Virginia	476	19,541	101	1,124	155	105	1,549
Washington	608	15,576	97	1,300	327	99	1,676
West Virginia	17	5,249	83	384	-	57	455
Wisconsin	283	15,021	101	849	38	146	1,238
Wyoming	-	1,240	100	99	-	-	110
Puerto Rico	82	5,648	71	805	41	30	876

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–J18.9.  
<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 picture of lives lost to COVID-19. These estimates 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. 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 for a number of reasons: **Death certificates take time to be completed.** There are many steps involved in completing 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 among jurisdictions. 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 manually, 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 additional 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 jurisdictions.** Some jurisdictions report deaths on a daily basis, while others report deaths weekly or monthly. In addition, 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.