



National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (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 22, 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 22, 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 6/20/2020.*

Updated June 22, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	105,992	1,178,982	102	115,228	45,862	6,429	180,853
2/1/2020	1	57,963	98	3,753	0	476	4,230
2/8/2020	1	58,480	98	3,737	0	514	4,252
2/15/2020	0	57,757	98	3,758	0	548	4,306
2/22/2020	4	57,834	100	3,636	1	557	4,196
2/29/2020	5	58,221	101	3,760	3	637	4,399
3/7/2020	32	58,479	101	3,895	16	619	4,529
3/14/2020	52	57,369	101	3,880	27	608	4,512
3/21/2020	548	58,007	102	4,460	245	542	5,299
3/28/2020	3,043	61,973	111	6,037	1,372	438	8,096
4/4/2020	9,490	70,599	126	9,601	4,540	460	14,788
4/11/2020	15,676	77,070	138	11,683	7,022	466	20,465
4/18/2020	16,315	74,420	138	10,951	6,976	260	20,364
4/25/2020	14,062	70,502	131	9,663	6,022	142	17,749
5/2/2020	11,598	65,356	122	8,171	4,910	60	14,899
5/9/2020	10,620	62,895	119	7,398	4,490	46	13,565
5/16/2020	8,602	59,109	113	6,272	3,560	19	11,330
5/23/2020	6,445	54,789	105	5,254	2,706	19	9,011
5/30/2020	5,111	50,557	97	4,416	2,081	10	7,456
6/6/2020	3,357	43,199	82	3,388	1,446	7	5,306
6/13/2020	998	22,758	44	1,415	428	1	1,986
6/20/2020	32	1,645	3	100	17	0	115

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.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1

²Percent 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).

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths 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 6/20/2020.***

Updated June 22, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
United States ⁶	105,992	1,178,982	102	115,228	45,862	6,429	180,853
Alabama	801	20,359	95	1,371	238	92	2,023
Alaska	-	1,475	85	69	-	-	79
Arizona	1,047	25,728	104	2,032	539	112	2,652
Arkansas	157	12,085	93	818	55	75	995
California	4,514	109,042	98	10,064	2,520	572	12,629
Colorado	1,438	17,201	107	1,647	742	95	2,433
Connecticut	3,180	9,651	75	1,136	718	65	3,661
Delaware	441	3,649	98	325	165	16	617
District of Columbia	463	2,765	112	619	460	-	630
Florida	2,688	84,818	99	6,559	1,378	305	8,167
Georgia	1,877	33,213	96	2,546	849	108	3,681
Hawaii	16	4,349	91	281	-	20	311
Idaho	87	5,578	96	271	25	25	358
Illinois	5,621	48,401	112	5,698	2,850	176	8,642
Indiana	2,219	26,945	100	2,723	929	130	4,139
Iowa	612	11,798	96	875	168	84	1,403
Kansas	227	10,144	94	689	97	89	908

Kentucky	474	17,509	89	1,623	238	96	1,954
Louisiana	2,488	19,296	104	1,957	1,152	71	3,359
Maine	103	5,767	97	425	23	31	536
Maryland	2,983	23,160	114	2,511	1,115	124	4,487
Massachusetts	6,979	30,159	123	4,356	2,520	161	8,968
Michigan	5,064	43,198	109	4,861	2,517	237	7,641
Minnesota	1,196	18,420	103	1,444	347	121	2,413
Mississippi	799	13,207	103	1,326	371	51	1,805
Missouri	781	24,455	93	1,575	269	175	2,262
Montana	17	3,836	92	206	-	34	254
Nebraska	194	6,514	94	503	67	28	658
Nevada	419	10,253	97	932	307	39	1,083
New Hampshire	305	5,124	102	375	90	30	619
New Jersey	12,543	44,248	146	8,446	6,158	117	14,934
New Mexico	350	7,017	93	542	143	29	778
New York ⁷	10,218	50,883	125	8,448	5,000	206	13,855
New York City	18,935	46,108	210	9,720	7,343	944	21,440
North Carolina	694	28,095	72	1,967	258	221	2,622
North Dakota	65	2,286	79	200	22	19	262
Ohio	1,934	45,797	91	3,057	812	253	4,431
Oklahoma	339	14,347	88	1,301	131	106	1,610
Oregon	186	13,678	91	693	69	64	873
Pennsylvania	6,263	51,826	93	4,824	2,319	188	8,953
Rhode Island	686	4,308	100	458	264	25	905
South Carolina	549	19,966	100	1,282	216	98	1,712
South Dakota	78	3,008	90	245	33	26	316
Tennessee	401	28,976	96	2,134	167	125	2,493
Texas	1,911	78,887	96	6,086	848	338	7,484
Utah	133	7,566	98	419	49	40	543
Vermont	53	2,388	101	143	12	16	200
Virginia	1,619	28,561	102	1,814	544	111	2,998
Washington	1,070	22,848	98	1,846	569	110	2,452
West Virginia	86	6,920	75	514	25	58	633

Wisconsin	666	21,409	100	1,157	113	150	1,858
Wyoming	15	1,761	96	115	-	-	134
Puerto Rico	136	10,153	84	1,345	72	61	1,469

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.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

²Percent 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.

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

⁶United States death count includes the 50 states, plus the District of Columbia and New York City.

⁷Excludes 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.

