



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](#)

[Health Disparities: Race and Hispanic Origin](#)

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

[Index of Available Data Files](#)

[Technical Notes](#)


Updated: October 28, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of October 28 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.

For the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, [click here](#).

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 10/24/2020.***

Updated October 28, 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	212,328	2,330,395	112	217,959	96,557	6,750	339,473
2/1/2020	0	58,618	99	3,799	0	479	4,278
2/8/2020	1	59,328	99	3,805	0	521	4,327
2/15/2020	0	58,742	100	3,832	0	561	4,393
2/22/2020	5	58,768	101	3,698	1	565	4,267
2/29/2020	10	59,208	103	3,825	5	655	4,485
3/7/2020	35	59,614	103	3,965	17	634	4,616
3/14/2020	56	58,601	103	3,965	28	625	4,617
3/21/2020	572	59,126	104	4,539	250	558	5,412
3/28/2020	3,166	62,917	113	6,173	1,433	443	8,299
4/4/2020	10,034	72,177	129	9,914	4,762	478	15,429
4/11/2020	16,192	78,941	142	11,989	7,228	473	21,087
4/18/2020	17,078	76,605	142	11,387	7,307	265	21,234
4/25/2020	15,445	73,700	137	10,364	6,601	144	19,255
5/2/2020	13,155	69,114	129	8,937	5,515	65	16,622
5/9/2020	11,176	66,693	126	7,826	4,707	48	14,333
5/16/2020	9,173	64,353	123	6,761	3,776	21	12,176
5/23/2020	7,183	61,479	118	5,883	2,968	24	10,117
5/30/2020	6,120	59,514	115	5,263	2,481	12	8,914
6/6/2020	4,995	58,741	112	4,880	2,139	11	7,747
6/13/2020	4,201	57,865	112	4,519	1,857	11	6,871

6/20/2020	3,805	57,784	112	4,350	1,597	8	6,565
6/27/2020	3,788	58,273	113	4,239	1,546	11	6,491
7/4/2020	4,481	59,568	115	4,532	1,988	4	7,026
7/11/2020	5,711	61,604	120	5,496	2,693	10	8,523
7/18/2020	7,093	62,799	123	6,143	3,423	12	9,822
7/25/2020	8,097	63,835	126	6,688	3,923	10	10,867
8/1/2020	8,178	63,718	125	6,765	4,023	13	10,926
8/8/2020	7,722	62,980	123	6,714	3,931	9	10,511
8/15/2020	7,079	62,527	123	6,396	3,618	5	9,859
8/22/2020	6,169	60,908	121	5,812	3,131	12	8,859
8/29/2020	5,437	58,710	115	5,304	2,759	11	7,988
9/5/2020	4,669	57,230	112	4,906	2,351	9	7,229
9/12/2020	4,228	56,130	109	4,629	2,132	7	6,730
9/19/2020	3,806	55,339	107	4,328	1,838	5	6,301
9/26/2020	3,739	55,216	106	4,426	1,856	3	6,311
10/3/2020	3,458	52,476	99	4,074	1,645	7	5,894
10/10/2020	3,432	50,172	95	3,912	1,678	10	5,674
10/17/2020	2,304	39,512	73	2,900	1,101	9	4,109
10/24/2020	535	17,510	32	1,021	249	2	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. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2019 postcensal estimates from the U.S. Census Bureau, is 328,239,523.

*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 10/24/2020.*

Updated October 28, 2020

	Deaths involving Pneumonia,	Deaths involving	All Deaths involving	Deaths
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Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹ ⬆	Deaths from All Causes ⬆	Percent of Expected Deaths ² ⬆	with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³ ⬆	COVID-19 and Pneumonia, excluding Influenza (J12.0–J18.9 and U07.1) ³ ⬆	Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁴ ⬆	involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵ ⬆
United States ⁶	212,328	2,330,395	112	217,959	96,557	6,750	339,473
Alabama	3,770	43,368	112	3,372	1,236	101	6,002
Alaska	55	3,152	98	141	29	-	173
Arizona	5,227	54,344	124	5,606	2,956	115	7,992
Arkansas	1,622	25,798	110	2,203	736	79	3,166
California	16,663	219,354	111	22,222	9,335	582	30,130
Colorado	2,094	32,707	113	2,576	1,062	96	3,699
Connecticut	4,492	24,692	106	2,013	975	72	5,599
Delaware	596	7,543	111	535	231	16	916
District of Columbia	783	5,307	117	1,028	744	-	1,076
Florida	16,059	176,596	115	18,179	8,741	336	25,808
Georgia	6,746	70,674	113	6,332	3,185	114	10,005
Hawaii	241	8,698	101	571	109	21	724
Idaho	571	11,307	108	636	223	25	1,009
Illinois	8,459	89,547	115	8,801	4,113	182	13,326
Indiana	4,116	53,245	110	4,902	1,768	133	7,379
Iowa	1,638	23,662	106	1,696	492	85	2,927
Kansas	962	20,429	106	1,395	388	89	2,058
Kentucky	1,492	36,439	103	3,274	691	102	4,174
Louisiana	5,194	39,469	117	4,031	2,537	75	6,757
Maine	168	11,202	104	695	39	31	855
Maryland	4,427	42,827	116	4,050	1,636	127	6,952
Massachusetts	8,189	50,502	115	5,694	2,920	165	11,120
Michigan	6,581	81,028	113	7,174	3,190	243	10,803
Minnesota	2,289	35,347	108	2,520	665	122	4,265
Mississippi	3,124	27,492	118	3,321	1,616	57	4,882
Missouri	2,814	50,142	106	3,366	1,051	182	5,310
Montana	252	7,816	103	435	104	34	617
Nebraska	636	13,051	104	982	257	28	1,389
Nevada	1,625	21,352	112	2,385	1,224	41	2,827

New Hampshire	452	9,686	106	572	122	31	931
New Jersey	14,511	71,067	130	10,396	6,986	122	18,029
New Mexico	854	14,719	108	1,092	387	29	1,588
New York ⁷	11,847	87,282	119	11,307	5,666	215	17,684
New York City	20,867	65,977	166	11,462	8,001	969	24,464
North Carolina	2,731	60,329	86	4,298	1,082	232	6,176
North Dakota	375	5,594	106	539	172	20	762
Ohio	4,890	94,071	104	6,221	2,096	264	9,278
Oklahoma	1,418	29,300	101	2,694	547	112	3,670
Oregon	596	27,562	102	1,276	196	65	1,740
Pennsylvania	8,865	107,399	108	7,892	3,172	254	13,835
Rhode Island	1,124	8,338	108	779	440	25	1,488
South Carolina	3,620	42,769	118	3,625	1,550	102	5,793
South Dakota	376	6,308	104	537	172	27	768
Tennessee	2,959	60,162	110	5,159	1,481	137	6,773
Texas	17,706	172,502	116	18,697	9,087	369	27,672
Utah	582	15,352	109	915	223	40	1,314
Vermont	62	4,430	104	206	15	16	269
Virginia	3,466	55,301	110	3,457	1,263	116	5,773
Washington	2,056	44,461	106	3,231	1,062	116	4,336
West Virginia	352	15,172	91	1,100	130	60	1,382
Wisconsin	1,675	41,843	107	2,152	431	152	3,546
Wyoming	59	3,681	110	217	23	-	262
Puerto Rico	709	20,751	94	2,679	448	73	3,010

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.

