

COVID-19 Data from NCHS

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Updated: June 12, 2020

Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of June 12, 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,

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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 6/6/2020.*

Updated June 12, 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	98,695	1,116,797	104	109,291	42,863	6,401	170,596
2/1/2020	1	57,815	97	3,738	0	476	4,215
2/8/2020	1	58,356	98	3,725	0	514	4,240
2/15/2020	0	57,698	98	3,755	0	544	4,299
2/22/2020	4	57,800	100	3,631	1	557	4,191
2/29/2020	5	58,177	101	3,755	3	636	4,393
3/7/2020	32	58,433	101	3,884	16	619	4,518
3/14/2020	52	57,307	100	3,874	27	608	4,506
3/21/2020	547	57,919	102	4,450	245	539	5,285
3/28/2020	3,036	61,841	111	6,020	1,370	438	8,074
4/4/2020	9,462	70,290	126	9,571	4,529	460	14,741
4/11/2020	15,610	76,652	138	11,632	6,998	464	20,371
4/18/2020	16,207	73,807	136	10,872	6,935	258	20,218
4/25/2020	13,922	69,565	129	9,549	5,968	142	17,549
5/2/2020	11,389	64,159	119	8,039	4,838	57	14,628
5/9/2020	10,262	61,368	116	7,198	4,357	45	13,139
5/16/2020	8,089	57,287	109	6,024	3,378	18	10,751
5/23/2020	5,673	51,381	98	4,814	2,430	15	8,072
5/30/2020	3,552	42,535	82	3,350	1,414	5	5,493
6/6/2020	851	24,407	46	1,410	354	6	1,913

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.

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 6/6/2020.*

Updated June 12, 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 (U07.1 and J12.0–J18.9) 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	98,695	1,116,797	104	109,291	42,863	6,401	170,596
Alabama	678	19,250	97	1,284	197	91	1,851
Alaska	-	1,368	87	65	-	-	71
Arizona	858	23,909	105	1,847	436	110	2,371
Arkansas	125	11,554	96	776	41	75	931
California	4,007	103,553	101	9,493	2,245	570	11,821
Colorado	1,348	16,373	109	1,573	695	95	2,311
Connecticut	2,542	8,472	72	953	576	64	2,981
Delaware	378	3,529	102	300	139	16	551
District of Columbia	408	2,615	115	560	407	-	561
Florida	2,425	80,711	101	6,227	1,265	305	7,681
Georgia	1,682	31,386	99	2,386	782	106	3,391
Hawaii	16	4,160	95	274	-	20	301
Idaho	85	5,241	97	262	25	25	342
Illinois	4,932	45,484	113	5,238	2,514	176	7,821
Indiana	2,018	25,904	103	2,587	851	129	3,881
Iowa	534	11,201	98	832	148	84	1,301
Kansas	205	9,586	96	656	88	89	861
Kentucky	398	16,462	91	1,513	203	95	1,801
Louisiana	2,318	18,230	107	1,833	1,064	71	3,151
Maine	95	5,467	98	409	21	31	511
Maryland	2,685	21,837	115	2,327	990	124	4,131
Massachusetts	6,663	28,909	127	4,174	2,394	161	8,591
Michigan	4,838	41,064	111	4,676	2,418	236	7,321
Minnesota	1,037	17,328	103	1,342	298	120	2,201
Mississippi	696	12,387	104	1,237	324	51	1,661
Missouri	703	23,315	95	1,502	237	175	2,141
Montana	16	3,564	93	189	-	34	231
Nebraska	157	6,077	95	471	54	28	601
Nevada	392	9,713	99	896	289	39	1,031
New Hampshire	257	4,802	102	356	80	30	561
New Jersey	11,993	42,211	151	8,093	5,895	116	14,291
New Mexico	312	6,748	96	521	128	29	731
New York ⁷	9,859	48,444	128	8,166	4,859	205	13,351
New York City	18,707	44,673	220	9,548	7,258	942	21,121
North Carolina	576	25,942	73	1,807	220	219	2,381
North Dakota	50	2,121	79	188	16	19	241
Ohio	1,806	43,657	94	2,928	756	251	4,221
Oklahoma	170	13,611	91	1,231	122	106	1,521
Oregon	314	12,918	94	660	65	61	821
Pennsylvania	5,887	48,746	93	4,571	2,197	187	8,441
Rhode Island	587	3,971	102	412	233	25	791
South Carolina	531	19,137	104	1,238	209	98	1,651
South Dakota	64	2,805	92	229	26	26	291
Tennessee	349	27,389	97	2,016	144	125	2,341
Texas	1,629	74,031	98	5,694	715	335	6,941
Utah	114	7,166	98	398	46	40	501
Vermont	53	2,243	102	138	12	15	191
Virginia	1,471	27,005	104	1,694	487	111	2,781
Washington	1,036	21,745	100	1,791	552	110	2,381
West Virginia	80	6,779	80	506	24	58	621
Wisconsin	593	20,330	102	1,111	100	150	1,751
Wyoming	13	1,674	99	113	-	-	131
Puerto Rico	130	9,644	89	1,289	68	61	1,411

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.

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–J18.9.

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

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