

National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: September 11, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 11, 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 9/5/2020.***

Updated September 11, 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	178,670	1,915,368	111	182,475	79,937	6,679	286,897
2/1/2020	0	58,573	99	3,796	0	479	4,275
2/8/2020	1	59,286	99	3,798	0	520	4,319
2/15/2020	0	58,693	100	3,824	0	558	4,382
2/22/2020	5	58,725	101	3,698	1	564	4,266
2/29/2020	9	59,157	103	3,822	5	654	4,480
3/7/2020	35	59,534	103	3,957	17	632	4,606
3/14/2020	53	58,414	102	3,954	28	624	4,602
3/21/2020	571	59,022	104	4,534	252	560	5,406
3/28/2020	3,152	62,866	113	6,165	1,424	442	8,285
4/4/2020	10,008	72,121	129	9,902	4,748	479	15,405
4/11/2020	16,165	78,851	142	11,979	7,220	474	21,058
4/18/2020	17,048	76,524	141	11,376	7,296	266	21,205
4/25/2020	15,410	73,590	137	10,348	6,590	143	19,215
5/2/2020	13,121	68,978	128	8,918	5,500	65	16,584
5/9/2020	11,147	66,538	126	7,814	4,699	47	14,299
5/16/2020	9,144	64,175	122	6,732	3,761	21	12,133
5/23/2020	7,138	61,285	118	5,849	2,949	24	10,057
5/30/2020	6,091	59,313	114	5,236	2,467	12	8,872
6/6/2020	4,968	58,459	112	4,860	2,131	11	7,708
6/13/2020	4,173	57,553	111	4,491	1,850	11	6,822

6/20/2020	3,780	57,387	111	4,322	1,588	7	6,520
6/27/2020	3,740	57,795	112	4,191	1,535	10	6,405
7/4/2020	4,402	58,738	113	4,463	1,954	4	6,912
7/11/2020	5,562	60,133	117	5,376	2,639	9	8,308
7/18/2020	6,903	60,819	119	5,956	3,337	12	9,531
7/25/2020	7,820	61,257	121	6,439	3,794	10	10,470
8/1/2020	7,631	60,162	118	6,329	3,739	12	10,227
8/8/2020	7,054	59,128	115	6,171	3,559	8	9,671
8/15/2020	6,039	56,366	111	5,535	3,057	5	8,519
8/22/2020	4,554	51,239	101	4,553	2,309	8	6,804
8/29/2020	2,484	40,274	78	2,951	1,237	7	4,203
9/5/2020	462	20,413	40	1,136	251	1	1,348

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 9/5/2020.*

Updated September 11, 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	178,670	1,915,368	111	182,475	79,937	6,679	286,897
Alabama	2,780	35,161	110	2,660	894	100	4,641
Alaska	34	2,535	97	113	18	-	135

Arizona	4,743	45,506	125	4,974	2,699	115	7,133
Arkansas	897	20,747	108	1,611	395	77	2,189
California	13,311	180,171	110	18,424	7,459	580	24,854
Colorado	1,889	27,055	114	2,250	975	95	3,254
Connecticut	4,360	20,818	109	1,849	945	73	5,334
Delaware	555	6,173	110	469	216	16	824
District of Columbia	730	4,470	121	934	697	-	976
Florida	12,185	144,783	114	14,155	6,311	327	20,335
Georgia	4,882	56,539	110	4,794	2,191	112	7,595
Hawaii	65	7,062	99	416	29	20	472
Idaho	380	9,006	104	494	137	25	762
Illinois	7,422	74,014	116	7,589	3,640	179	11,547
Indiana	3,252	43,145	108	3,952	1,346	133	5,987
Iowa	1,145	19,139	105	1,340	333	84	2,236
Kansas	562	16,631	104	1,092	236	89	1,507
Kentucky	990	29,259	100	2,634	470	99	3,252
Louisiana	4,330	31,975	115	3,346	2,109	74	5,635
Maine	148	9,159	104	589	32	31	736
Maryland	4,090	35,628	118	3,550	1,501	126	6,249
Massachusetts	7,996	43,256	120	5,271	2,852	164	10,571
Michigan	6,059	66,931	114	6,324	2,941	242	9,679
Minnesota	1,803	28,813	107	2,086	508	121	3,501
Mississippi	2,389	22,394	117	2,673	1,231	55	3,884
Missouri	1,607	39,965	102	2,501	552	180	3,736
Montana	93	6,262	100	307	25	34	409
Nebraska	401	10,581	103	775	149	28	1,055
Nevada	1,253	17,405	110	1,917	947	41	2,264
New Hampshire	416	8,026	107	495	114	30	826
New Jersey	14,171	61,062	136	9,827	6,842	121	17,263
New Mexico	744	11,946	106	924	326	29	1,371
New York ⁷	11,551	73,696	122	10,341	5,569	211	16,515
New York City	20,673	59,017	181	10,994	7,943	967	23,858
North Carolina	2,145	50,002	87	3,578	825	230	5,126
North Dakota	164	4,329	101	372	62	20	494

Ohio	3,759	76,444	102	5,054	1,584	262	7,490
Oklahoma	868	23,956	100	2,137	336	111	2,774
Oregon	436	22,465	101	1,061	146	65	1,415
Pennsylvania	8,049	88,170	107	6,853	2,878	252	12,272
Rhode Island	1,021	6,869	108	683	394	25	1,335
South Carolina	2,636	34,539	116	2,833	1,121	100	4,446
South Dakota	181	4,895	99	392	80	27	520
Tennessee	1,720	48,127	107	3,853	798	134	4,908
Texas	13,483	139,702	114	14,799	6,777	360	21,853
Utah	420	12,543	108	718	149	40	1,029
Vermont	59	3,623	104	178	14	16	239
Virginia	2,729	45,107	109	2,804	970	114	4,675
Washington	1,739	36,619	105	2,717	883	113	3,681
West Virginia	184	12,585	92	896	61	58	1,077
Wisconsin	1,138	34,193	106	1,704	216	150	2,774
Wyoming	33	2,870	104	173	11	-	204
Puerto Rico	388	16,202	91	2,021	230	66	2,243

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.