

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 1, 2020

 Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 1, 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 8/29/2020.***

Updated September 1, 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	169,419	1,821,985	109	173,669	75,199	6,657	273,560
2/1/2020	0	58,559	99	3,794	0	479	4,273
2/8/2020	1	59,271	99	3,797	0	520	4,318
2/15/2020	0	58,674	100	3,822	0	557	4,379
2/22/2020	5	58,715	101	3,696	1	564	4,264
2/29/2020	9	59,138	103	3,817	5	654	4,475
3/7/2020	35	59,476	103	3,952	17	631	4,600
3/14/2020	52	58,197	102	3,942	27	619	4,585
3/21/2020	571	58,851	104	4,522	252	560	5,394
3/28/2020	3,152	62,810	112	6,162	1,425	441	8,280
4/4/2020	10,000	72,078	129	9,898	4,746	478	15,394
4/11/2020	16,155	78,802	142	11,969	7,215	474	21,043
4/18/2020	17,035	76,465	141	11,368	7,292	266	21,188
4/25/2020	15,393	73,526	137	10,340	6,587	143	19,193
5/2/2020	13,114	68,927	128	8,917	5,500	65	16,576
5/9/2020	11,138	66,488	126	7,804	4,693	47	14,286
5/16/2020	9,136	64,125	122	6,723	3,759	21	12,118
5/23/2020	7,128	61,218	118	5,842	2,948	24	10,041
5/30/2020	6,083	59,220	114	5,226	2,464	12	8,857
6/6/2020	4,952	58,323	111	4,849	2,128	11	7,684
6/13/2020	4,159	57,375	111	4,482	1,849	11	6,800

6/20/2020	3,762	57,141	111	4,302	1,586	7	6,484
6/27/2020	3,719	57,419	112	4,163	1,528	10	6,363
7/4/2020	4,363	58,064	112	4,413	1,942	4	6,835
7/11/2020	5,479	59,079	115	5,289	2,601	9	8,176
7/18/2020	6,752	59,470	116	5,835	3,258	12	9,338
7/25/2020	7,525	59,505	117	6,206	3,628	9	10,108
8/1/2020	7,091	57,887	113	5,948	3,452	12	9,593
8/8/2020	6,299	55,027	107	5,606	3,158	8	8,752
8/15/2020	4,501	48,745	95	4,392	2,248	5	6,647
8/22/2020	1,660	32,171	63	2,230	810	4	3,083
8/29/2020	150	7,239	14	363	80	0	433

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 8/29/2020.*

Updated September 1, 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	169,419	1,821,985	109	173,669	75,199	6,657	273,560
Alabama	2,545	33,330	107	2,500	805	100	4,335
Alaska	28	2,359	93	102	15	-	121
Arizona	4,517	43,413	123	4,787	2,587	115	6,832

Arkansas	769	19,518	104	1,461	324	77	1,982
California	12,115	170,876	108	17,353	6,770	579	23,275
Colorado	1,853	25,895	112	2,196	961	95	3,178
Connecticut	4,291	19,184	103	1,774	932	73	5,203
Delaware	550	5,976	110	465	217	16	814
District of Columbia	717	4,291	120	914	686	-	954
Florida	10,703	137,342	111	12,900	5,408	325	18,500
Georgia	4,408	53,507	107	4,451	1,970	112	6,999
Hawaii	36	6,635	96	389	15	20	430
Idaho	332	8,543	102	461	118	25	700
Illinois	7,254	71,250	115	7,392	3,560	178	11,261
Indiana	3,163	41,115	106	3,823	1,306	133	5,809
Iowa	1,049	18,143	103	1,262	302	84	2,093
Kansas	491	15,747	102	1,029	210	89	1,399
Kentucky	898	27,682	98	2,492	425	99	3,063
Louisiana	4,097	30,422	113	3,170	1,973	74	5,362
Maine	145	8,728	102	570	30	31	716
Maryland	3,990	33,945	116	3,436	1,467	126	6,069
Massachusetts	7,950	41,597	119	5,183	2,843	164	10,446
Michigan	5,985	64,139	112	6,183	2,906	242	9,499
Minnesota	1,758	27,539	106	2,012	489	121	3,401
Mississippi	2,160	21,285	115	2,478	1,092	54	3,599
Missouri	1,452	37,987	100	2,349	492	178	3,487
Montana	84	5,965	98	294	21	34	391
Nebraska	372	10,066	101	751	141	28	1,010
Nevada	1,116	16,402	107	1,765	846	41	2,076
New Hampshire	414	7,723	106	484	113	30	814
New Jersey	14,137	59,563	136	9,739	6,830	121	17,153
New Mexico	711	11,441	105	895	311	29	1,324
New York ⁷	11,496	70,550	120	10,152	5,552	211	16,288
New York City	20,623	56,730	179	10,857	7,933	965	23,679
North Carolina	1,849	46,847	84	3,328	708	229	4,696
North Dakota	138	4,086	98	342	48	20	452
Ohio	3,542	72,950	101	4,802	1,487	262	7,118

Oklahoma	763	22,821	98	2,037	301	110	2,603
Oregon	402	21,358	99	1,021	136	65	1,351
Pennsylvania	7,845	82,887	104	6,566	2,802	245	11,850
Rhode Island	1,006	6,534	106	669	391	25	1,309
South Carolina	2,185	32,002	111	2,511	901	100	3,893
South Dakota	179	4,667	97	375	79	26	501
Tennessee	1,520	45,700	104	3,612	695	134	4,570
Texas	11,845	132,531	111	13,575	5,852	357	19,915
Utah	391	11,909	106	679	137	40	973
Vermont	59	3,491	103	171	14	16	232
Virginia	2,600	43,498	108	2,681	908	114	4,485
Washington	1,632	34,528	102	2,587	837	113	3,490
West Virginia	152	12,005	91	854	51	58	1,013
Wisconsin	1,072	32,532	104	1,624	193	150	2,651
Wyoming	30	2,751	104	166	-	-	196
Puerto Rico	319	15,117	87	1,879	185	64	2,075

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.

