

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 3, 2020



Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of September 3, 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 3, 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	171,787	1,850,449	111	176,121	76,415	6,660	277,167
2/1/2020	0	58,567	99	3,794	0	479	4,273
2/8/2020	1	59,277	99	3,797	0	520	4,318
2/15/2020	0	58,676	100	3,822	0	557	4,379
2/22/2020	5	58,716	101	3,697	1	564	4,265
2/29/2020	9	59,143	103	3,818	5	654	4,476
3/7/2020	35	59,491	103	3,952	17	631	4,600
3/14/2020	52	58,224	102	3,944	27	619	4,587
3/21/2020	572	58,890	104	4,527	253	560	5,399
3/28/2020	3,152	62,833	113	6,164	1,425	441	8,282
4/4/2020	10,004	72,090	129	9,900	4,747	478	15,399
4/11/2020	16,155	78,820	142	11,971	7,215	474	21,045
4/18/2020	17,036	76,485	141	11,369	7,292	266	21,190
4/25/2020	15,397	73,545	137	10,343	6,587	143	19,200
5/2/2020	13,114	68,939	128	8,918	5,500	65	16,577
5/9/2020	11,140	66,507	126	7,807	4,694	47	14,290
5/16/2020	9,138	64,144	122	6,726	3,760	21	12,122
5/23/2020	7,130	61,238	118	5,843	2,949	24	10,043
5/30/2020	6,086	59,250	114	5,228	2,464	12	8,862
6/6/2020	4,959	58,373	111	4,852	2,129	11	7,693
6/13/2020	4,160	57,432	111	4,484	1,849	11	6,803
6/20/2020	3,768	57,241	111	4,309	1,587	7	6,496
6/27/2020	3,726	57,597	112	4,175	1,530	10	6,380
7/4/2020	4,373	58,423	113	4,433	1,944	4	6,863
7/11/2020	5,501	59,628	116	5,331	2,614	9	8,227
7/18/2020	6,789	60,139	118	5,874	3,273	12	9,399
7/25/2020	7,604	60,280	119	6,274	3,670	9	10,213
8/1/2020	7,249	58,713	115	6,063	3,535	12	9,783
8/8/2020	6,575	56,488	110	5,802	3,306	8	9,076
8/15/2020	5,056	51,653	101	4,822	2,543	5	7,337
8/22/2020	2,511	40,211	79	3,027	1,239	4	4,302
8/29/2020	490	19,436	38	1,055	260	3	1,288

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 3, 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	171,787	1,850,449	111	176,121	76,415	6,660	277,167
Alabama	2,618	34,003	109	2,553	834	100	4,432
Alaska	30	2,422	96	109	16	-	129
Arizona	4,589	44,032	124	4,851	2,628	115	6,927
Arkansas	777	19,721	106	1,476	329	77	2,000
California	12,502	174,019	110	17,693	7,002	579	23,770
Colorado	1,861	26,226	114	2,209	964	95	3,196
Connecticut	4,302	19,895	107	1,798	933	73	5,237
Delaware	553	5,999	110	466	217	16	818
District of Columbia	720	4,339	121	921	689	-	961
Florida	10,962	139,019	113	13,142	5,565	325	18,844
Georgia	4,551	54,518	109	4,556	2,037	112	7,180
Hawaii	41	6,757	98	399	18	20	442
Idaho	347	8,758	105	469	123	25	718
Illinois	7,303	72,089	116	7,448	3,581	178	11,345
Indiana	3,166	41,469	107	3,843	1,307	133	5,831
Iowa	1,082	18,484	105	1,290	312	84	2,144
Kansas	522	15,982	103	1,050	222	89	1,439
Kentucky	919	28,212	100	2,539	437	99	3,119
Louisiana	4,196	30,910	115	3,238	2,031	74	5,471
Maine	147	8,873	103	580	32	31	726
Maryland	4,024	34,514	117	3,475	1,477	126	6,132

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
Massachusetts	7,968	42,162	120	5,213	2,846	164	10,491
Michigan	6,001	64,810	114	6,218	2,910	242	9,546
Minnesota	1,776	27,971	108	2,039	496	121	3,439
Mississippi	2,173	21,415	115	2,495	1,101	54	3,620
Missouri	1,497	38,722	102	2,397	511	179	3,562
Montana	84	5,965	98	294	21	34	391
Nebraska	374	10,193	102	759	142	28	1,019
Nevada	1,152	16,749	109	1,812	875	41	2,130
New Hampshire	414	7,776	107	486	113	30	816
New Jersey	14,138	59,966	137	9,761	6,830	121	17,176
New Mexico	724	11,612	107	906	318	29	1,341
New York ⁷	11,513	71,772	122	10,220	5,557	211	16,368
New York City	20,636	57,823	182	10,916	7,934	965	23,750
North Carolina	1,923	48,510	87	3,427	740	229	4,837
North Dakota	156	4,249	102	359	58	20	477
Ohio	3,553	73,204	101	4,811	1,493	262	7,132
Oklahoma	793	23,125	99	2,065	310	111	2,653
Oregon	409	21,739	101	1,037	139	65	1,371
Pennsylvania	7,861	84,456	106	6,642	2,807	245	11,937
Rhode Island	1,013	6,712	109	678	392	25	1,324
South Carolina	2,211	32,750	113	2,549	913	100	3,945
South Dakota	179	4,667	97	375	79	26	501
Tennessee	1,598	46,568	106	3,703	732	134	4,702
Texas	12,385	134,754	113	13,981	6,154	358	20,560
Utah	407	12,132	108	693	144	40	996
Vermont	59	3,491	103	171	14	16	232
Virginia	2,608	43,656	109	2,687	912	114	4,495
Washington	1,695	35,319	105	2,650	860	113	3,593
West Virginia	153	12,030	91	854	51	58	1,014
Wisconsin	1,089	33,077	106	1,645	198	150	2,684
Wyoming	33	2,833	107	173	11	-	204
Puerto Rico	322	15,515	90	1,920	187	64	2,117

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.

