



National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease (COVID-19)

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Updated: May 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 May 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 (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, [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 5/23/2020.*

Updated May 28, 2020

Week ending date in which the death occurred	COVID-19 Deaths (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Pneumonia Deaths (J12.0–J18.9) ³	Deaths with Pneumonia and COVID-19 (J12.0–J18.9 and U07.1) ³	Influenza Deaths (J09–J11) ⁴	Deaths with Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	81,372	971,879	102	95,097	35,602	6,301	146,249
2/1/2020	0	57,627	97	3,720	0	475	4,195
2/8/2020	1	58,278	98	3,716	0	510	4,227
2/15/2020	0	57,616	98	3,750	0	542	4,292
2/22/2020	2	57,688	99	3,617	0	554	4,173
2/29/2020	5	58,020	101	3,737	3	631	4,370
3/7/2020	32	57,793	100	3,827	16	615	4,457
3/14/2020	51	56,572	99	3,830	26	600	4,454
3/21/2020	539	57,062	101	4,372	243	530	5,192
3/28/2020	2,997	60,766	109	5,932	1,354	430	7,956
4/4/2020	9,345	68,936	124	9,426	4,487	454	14,515
4/11/2020	15,320	74,510	135	11,363	6,870	458	19,936
4/18/2020	15,739	71,120	132	10,524	6,750	251	19,583
4/25/2020	13,146	66,216	123	9,096	5,681	138	16,603
5/2/2020	10,202	59,920	112	7,403	4,395	53	13,245
5/9/2020	8,618	54,395	103	6,151	3,624	40	11,176
5/16/2020	4,582	40,405	77	3,669	1,853	13	6,411
5/23/2020	793	14,955	29	964	300		1,464

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).

³Pneumonia death counts exclude pneumonia deaths involving influenza.

⁴Influenza death counts 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 5/23/2020.*

Updated May 28, 2020

Jurisdiction of Occurrence	COVID-19 Deaths (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Pneumonia Deaths (J12.0–J18.9) ³	Deaths with Pneumonia and COVID-19 (J12.0–J18.9 and U07.1) ³	Influenza Deaths (J09–J11) ⁴	Deaths with Pneumonia, Influenza, or COVID-19 U07.1 or J09–J18.9) ⁵
United States ⁶	81,372	971,879	102	95,097	35,602	6,301	146,249
Alabama	505	16,790	95	1,098	142	89	1,549
Alaska	-	1,216	87	57	-	-	67
Arizona	631	21,199	105	1,601	320	109	2,021
Arkansas	87	10,224	96	698	23	74	836
California	2,827	89,079	98	8,050	1,582	564	9,858
Colorado	1,168	14,494	110	1,423	626	93	2,053
Connecticut	1,344	5,309	50	534	288	56	1,645
Delaware	217	2,757	90	220	85	15	367
District of Columbia	282	2,168	107	424	282	-	431
Florida	1,953	71,299	101	5,476	1,012	302	6,712
Georgia	1,335	27,239	97	2,049	620	105	2,869
Hawaii	16	3,692	95	242	-	20	272
Idaho	76	4,596	97	240	24	25	317
Illinois	3,724	39,807	112	4,424	1,935	176	6,386
Indiana	1,540	22,627	102	2,262	673	126	3,252
Iowa	322	9,728	96	697	78	83	1,024
Kansas	175	8,559	96	605	76	88	792
Kentucky	300	14,182	88	1,299	157	94	1,535
Louisiana	1,916	15,811	104	1,525	863	70	2,643
Maine	76	4,849	99	371	17	31	461
Maryland	1,981	18,883	113	1,939	722	122	3,304
Massachusetts	5,504	25,431	126	3,616	1,974	159	7,297
Michigan	3,981	35,100	108	4,020	2,013	232	6,216
Minnesota	755	15,271	100	1,180	232	118	1,820
Mississippi	484	10,762	103	1,037	217	51	1,355
Missouri	547	20,347	94	1,331	190	172	1,860

Montana	16	3,088	90	169	-	33	215
Nebraska	101	5,194	91	402	32	28	499
Nevada	317	8,478	98	781	233	38	903
New Hampshire	184	4,243	103	321	60	30	474
New Jersey	10,394	37,496	150	7,086	5,099	116	12,483
New Mexico	222	5,815	94	441	92	27	598
New York ⁷	8,845	43,306	129	7,441	4,413	200	12,056
New York City	17,784	41,722	231	9,070	6,904	938	20,078
North Carolina	328	19,491	61	1,310	130	202	1,710
North Dakota	32	1,876	79	171	12	19	210
Ohio	1,208	37,182	90	2,433	508	248	3,380
Oklahoma	224	11,267	84	1,037	93	99	1,264
Oregon	153	11,317	92	602	59	61	756
Pennsylvania	4,883	42,164	92	3,979	1,860	186	7,185
Rhode Island	411	3,297	93	317	159	24	593
South Carolina	363	16,790	103	1,061	143	95	1,375
South Dakota	44	2,498	91	205	17	25	257
Tennessee	270	24,116	97	1,780	115	124	2,059
Texas	1,209	65,278	97	4,976	517	330	5,995
Utah	84	6,208	98	347	33	40	438
Vermont	52	1,967	105	124	12	15	179
Virginia	1,057	23,433	102	1,458	358	111	2,266
Washington	918	18,610	97	1,602	496	108	2,127
West Virginia	60	6,233	82	466	16	58	568
Wisconsin	453	17,965	101	994	73	150	1,522
Wyoming	-	1,426	94	106	-	-	117
Puerto Rico	113	8,287	86	1,140	60	55	1,247

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.

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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.

³Pneumonia death counts exclude pneumonia deaths involving influenza.

⁴Influenza death counts 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 our 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, 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. Our counts 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.