



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 29, 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 29, 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 29, 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	83,142	984,553	104	96,479	36,406	6,313	148,607
2/1/2020	0	57,632	97	3,721	0	475	4,196
2/8/2020	1	58,283	98	3,716	0	511	4,228
2/15/2020	0	57,623	98	3,750	0	543	4,293
2/22/2020	2	57,699	99	3,619	0	554	4,175
2/29/2020	5	58,038	101	3,740	3	631	4,373
3/7/2020	32	57,850	100	3,835	16	615	4,465
3/14/2020	51	56,646	99	3,833	26	601	4,458
3/21/2020	540	57,120	101	4,380	244	531	5,201
3/28/2020	3,000	60,845	109	5,939	1,354	431	7,967
4/4/2020	9,362	69,037	124	9,440	4,492	454	14,541
4/11/2020	15,347	74,632	135	11,383	6,882	459	19,971
4/18/2020	15,787	71,292	132	10,555	6,775	252	19,637
4/25/2020	13,208	66,480	124	9,129	5,708	139	16,672
5/2/2020	10,327	60,483	112	7,490	4,455	54	13,398
5/9/2020	8,930	55,698	105	6,368	3,782	41	11,548
5/16/2020	5,370	44,208	84	4,195	2,209	14	7,370
5/23/2020	1,180	20,987	40	1,386	460	8	2,114

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 29, 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	83,142	984,553	104	96,479	36,406	6,313	148,607
Alabama	511	16,937	96	1,109	143	89	1,565
Alaska	-	1,216	87	57	-	-	67
Arizona	631	21,199	105	1,601	320	109	2,021
Arkansas	95	10,285	96	703	25	74	847
California	2,963	91,713	101	8,260	1,657	564	10,129
Colorado	1,181	14,675	111	1,435	630	93	2,074
Connecticut	1,344	5,441	51	545	288	56	1,656
Delaware	258	3,063	100	248	104	16	418
District of Columbia	302	2,213	109	444	302	-	451
Florida	1,954	71,882	102	5,508	1,012	302	6,745
Georgia	1,346	27,525	98	2,069	626	105	2,894
Hawaii	16	3,755	97	242	-	20	272
Idaho	76	4,622	97	240	24	25	317
Illinois	3,724	39,807	112	4,424	1,935	176	6,386
Indiana	1,656	23,130	104	2,318	714	128	3,385
Iowa	351	9,908	98	717	92	84	1,060
Kansas	180	8,645	97	612	79	88	801
Kentucky	329	14,322	89	1,317	167	94	1,572
Louisiana	1,943	16,029	105	1,550	875	71	2,684
Maine	77	4,899	100	374	17	31	465
Maryland	2,121	19,227	115	2,002	778	123	3,452
Massachusetts	5,647	25,614	127	3,681	2,036	159	7,443
Michigan	4,042	36,254	111	4,119	2,048	234	6,343
Minnesota	756	15,354	104	1,182	232	118	1,823
Mississippi	502	10,908	104	1,054	223	51	1,384
Missouri	547	20,356	94	1,331	190	172	1,860

Montana	16	3,088	90	169	-	33	215
Nebraska	116	5,463	96	428	40	28	532
Nevada	328	8,603	100	794	241	39	920
New Hampshire	198	4,302	104	327	65	30	489
New Jersey	10,702	37,954	152	7,273	5,269	116	12,808
New Mexico	234	5,913	95	446	94	27	613
New York ⁷	9,015	43,869	131	7,553	4,492	201	12,260
New York City	17,880	41,897	232	9,118	6,941	940	20,185
North Carolina	328	19,491	61	1,310	130	202	1,710
North Dakota	32	1,876	79	171	12	19	210
Ohio	1,329	38,444	93	2,533	563	248	3,546
Oklahoma	224	11,267	84	1,037	93	99	1,264
Oregon	156	11,461	94	609	59	61	766
Pennsylvania	4,958	42,623	93	4,022	1,884	186	7,279
Rhode Island	428	3,372	95	326	166	24	612
South Carolina	363	16,801	103	1,062	143	95	1,376
South Dakota	44	2,498	91	205	17	25	257
Tennessee	280	24,439	99	1,812	121	124	2,095
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	102	124	12	15	179
Virginia	1,168	24,209	106	1,515	395	111	2,397
Washington	918	18,610	97	1,602	496	108	2,127
West Virginia	60	6,360	84	472	16	58	574
Wisconsin	453	18,095	102	998	73	150	1,526
Wyoming	-	1,486	98	108	-	-	120
Puerto Rico	113	8,360	86	1,148	60	56	1,256

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.