



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: July 23, 2020



Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of July 23, 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.

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 7/18/2020.*

Updated July 23, 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	131,320	1,476,140	108	139,833	56,790	6,556	219,959
2/1/2020	0	58,372	98	3,779	0	479	4,258
2/8/2020	1	59,132	99	3,782	0	520	4,303
2/15/2020	0	58,421	99	3,810	0	554	4,364
2/22/2020	5	58,480	101	3,669	1	563	4,236
2/29/2020	7	58,663	102	3,787	4	645	4,435
3/7/2020	35	58,736	102	3,917	17	624	4,558
3/14/2020	52	57,739	101	3,907	27	612	4,543
3/21/2020	564	58,595	103	4,500	250	550	5,357
3/28/2020	3,141	62,597	112	6,140	1,419	440	8,252
4/4/2020	9,933	71,831	128	9,855	4,724	477	15,305
4/11/2020	16,074	78,549	142	11,918	7,190	472	20,934
4/18/2020	16,960	76,227	141	11,331	7,272	264	21,095
4/25/2020	15,306	73,213	136	10,294	6,561	143	19,086
5/2/2020	13,021	68,564	128	8,864	5,474	65	16,456
5/9/2020	11,023	65,929	125	7,735	4,656	46	14,139
5/16/2020	9,013	63,417	121	6,640	3,718	20	11,952
5/23/2020	7,035	60,442	116	5,763	2,922	23	9,895
5/30/2020	6,002	58,105	112	5,136	2,431	11	8,718
6/6/2020	4,854	56,552	108	4,726	2,088	11	7,503
6/13/2020	4,022	54,415	105	4,270	1,794	11	6,506
6/20/2020	3,537	53,089	103	4,005	1,499	5	6,048
6/27/2020	3,271	51,756	100	3,705	1,345	10	5,640
7/4/2020	3,443	49,299	94	3,601	1,510	2	5,535
7/11/2020	3,000	42,751	83	3,314	1,413	4	4,905

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 7/18/2020.***

Updated July 23, 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	131,320	1,476,140	108	139,833	56,790	6,556	219,959
Alabama	1,294	26,094	103	1,796	404	95	2,778
Alaska	11	1,876	91	80	-	-	91
Arizona	2,543	34,047	117	3,267	1,413	114	4,511
Arkansas	362	15,505	101	1,069	149	76	1,358
California	7,248	137,529	106	13,002	4,009	577	16,817
Colorado	1,645	21,088	112	1,895	847	95	2,783
Connecticut	4,030	16,427	108	1,651	903	73	4,848
Delaware	517	4,823	109	412	200	16	745
District of Columbia	648	3,561	122	824	632	-	849
Florida	4,376	107,071	106	8,417	2,177	311	10,917
Georgia	2,601	42,187	104	3,228	1,166	110	4,772
Hawaii	20	5,470	97	326	-	20	360
Idaho	122	6,872	100	329	34	25	442

Illinois	6,714	59,572	117	6,641	3,333	177	10,196
Indiana	2,734	33,827	106	3,265	1,133	131	4,993
Iowa	795	14,633	101	1,044	231	84	1,692
Kansas	315	12,775	101	833	143	89	1,094
Kentucky	656	22,194	96	2,032	316	98	2,469
Louisiana	3,113	24,262	111	2,428	1,465	72	4,142
Maine	130	7,161	102	493	26	31	628
Maryland	3,623	28,404	118	3,020	1,334	126	5,419
Massachusetts	7,760	36,044	125	4,896	2,798	163	10,013
Michigan	5,620	53,064	114	5,501	2,754	240	8,602
Minnesota	1,506	22,820	108	1,724	415	121	2,935
Mississippi	1,216	16,670	110	1,694	568	53	2,395
Missouri	1,016	30,706	99	1,881	336	177	2,738
Montana	30	4,759	97	240	-	34	298
Nebraska	286	7,957	97	606	110	28	810
Nevada	586	12,952	103	1,195	433	41	1,389
New Hampshire	383	6,355	108	430	104	30	738
New Jersey	13,811	51,565	144	9,260	6,706	121	16,472
New Mexico	519	9,198	103	729	219	29	1,058
New York ⁷	11,252	60,814	126	9,498	5,467	209	15,474
New York City	20,460	52,167	202	10,521	7,882	962	23,229
North Carolina	1,225	37,110	81	2,634	457	227	3,627
North Dakota	107	3,334	98	284	32	20	379
Ohio	2,704	58,441	99	3,854	1,127	260	5,690
Oklahoma	425	18,047	95	1,574	162	108	1,939
Oregon	258	17,314	98	848	85	65	1,085
Pennsylvania	7,227	66,102	101	5,701	2,612	213	10,525
Rhode Island	939	5,491	109	600	363	25	1,201
South Carolina	967	25,505	108	1,705	376	99	2,394
South Dakota	129	3,832	98	297	56	26	396
Tennessee	686	36,391	102	2,672	268	130	3,220
Texas	4,170	101,378	105	8,315	1,899	344	10,926
Utah	219	9,535	104	532	76	40	715

Vermont	57	2,822	102	155	14	16	214
Virginia	2,080	35,464	108	2,187	703	112	3,674
Washington	1,235	27,336	99	2,114	655	111	2,800
West Virginia	103	8,695	80	635	34	58	762
Wisconsin	829	26,678	105	1,363	139	150	2,201
Wyoming	18	2,216	103	136	-	-	156
Puerto Rico	163	12,537	89	1,567	87	63	1,705

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.

