

National Center for Health Statistics

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Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: October 22, 2020

Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of October 22, 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 10/17/2020.*

Updated October 22, 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) ⁴	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁵	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁶
Total Deaths	208,633	2,279,345	112	213,797	94,776	6,735	333,385
2/1/2020	0	58,616	99	3,799	0	479	4,278
2/8/2020	1	59,326	99	3,805	0	521	4,327
2/15/2020	0	58,738	100	3,832	0	560	4,392
2/22/2020	5	58,765	101	3,698	1	565	4,267
2/29/2020	10	59,206	103	3,825	5	655	4,485
3/7/2020	35	59,610	103	3,964	17	634	4,615
3/14/2020	56	58,592	103	3,965	28	625	4,617
3/21/2020	572	59,122	104	4,539	250	558	5,412
3/28/2020	3,165	62,909	113	6,171	1,432	442	8,296
4/4/2020	10,034	72,173	129	9,914	4,762	478	15,429
4/11/2020	16,192	78,933	142	11,988	7,228	473	21,086
4/18/2020	17,077	76,600	142	11,387	7,306	265	21,234
4/25/2020	15,443	73,692	137	10,365	6,601	144	19,254
5/2/2020	13,154	69,104	129	8,935	5,514	65	16,620
5/9/2020	11,175	66,688	126	7,825	4,707	47	14,330
5/16/2020	9,172	64,347	123	6,759	3,775	21	12,174
5/23/2020	7,183	61,471	118	5,882	2,968	24	10,116
5/30/2020	6,116	59,500	115	5,261	2,479	12	8,910
6/6/2020	4,992	58,728	112	4,878	2,137	11	7,744
6/13/2020	4,200	57,844	112	4,518	1,857	11	6,869
6/20/2020	3,802	57,767	112	4,347	1,596	8	6,560
6/27/2020	3,786	58,240	113	4,239	1,547	11	6,488
7/4/2020	4,478	59,538	115	4,529	1,986	4	7,022
7/11/2020	5,707	61,567	120	5,494	2,693	10	8,517
7/18/2020	7,086	62,757	123	6,138	3,418	12	9,815
7/25/2020	8,089	63,781	126	6,675	3,918	10	10,851
8/1/2020	8,164	63,649	125	6,754	4,013	13	10,911
8/8/2020	7,706	62,872	123	6,703	3,926	9	10,489
8/15/2020	7,063	62,367	123	6,381	3,609	5	9,837
8/22/2020	6,147	60,662	120	5,793	3,123	12	8,826
8/29/2020	5,398	58,225	114	5,266	2,744	11	7,926
9/5/2020	4,629	56,699	111	4,856	2,336	9	7,154
9/12/2020	4,186	55,451	107	4,573	2,109	7	6,655
9/19/2020	3,748	54,475	105	4,252	1,812	5	6,193
9/26/2020	3,630	53,579	103	4,290	1,801	3	6,121
10/3/2020	3,207	49,774	94	3,829	1,522	7	5,521
10/10/2020	2,540	42,786	81	3,116	1,234	9	4,429
10/17/2020	685	21,192	39	1,252	322	0	1,615

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 2019 postcensal estimates from the U.S. Census Bureau, is 328,239,523.

*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.

⁶Deaths 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 10/17/2020.*

Updated October 22, 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 (U07.1 and J12.0–J18.9) ⁴	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11) ⁵	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁶
United States ⁶	208,633	2,279,345	112	213,797	94,776	6,735	333,385
Alabama	3,650	42,291	112	3,287	1,189	101	5,841
Alaska	52	3,084	99	138	28	-	161
Arizona	5,188	53,321	124	5,542	2,935	115	7,911
Arkansas	1,545	25,163	111	2,117	695	78	3,041
California	16,456	215,109	112	21,863	9,205	581	29,691
Colorado	2,070	32,018	113	2,526	1,047	96	3,641
Connecticut	4,473	24,571	109	2,009	973	72	5,571
Delaware	590	7,332	111	529	231	16	901
District of Columbia	778	5,198	118	1,022	740	-	1,061
Florida	15,765	172,808	115	17,794	8,563	336	25,301
Georgia	6,625	69,133	114	6,202	3,115	114	9,821
Hawaii	232	8,520	102	557	107	21	701
Idaho	553	11,033	108	626	219	25	981
Illinois	8,240	87,326	115	8,596	4,014	181	13,001
Indiana	3,916	51,499	109	4,715	1,663	133	7,091
Iowa	1,562	23,065	107	1,651	468	84	2,821
Kansas	925	20,009	106	1,363	374	89	2,001
Kentucky	1,434	35,579	103	3,191	665	102	4,051
Louisiana	5,127	38,564	118	3,966	2,502	75	6,661
Maine	166	10,977	104	685	38	31	841
Maryland	4,395	41,946	117	3,985	1,625	126	6,861
Massachusetts	8,157	49,809	117	5,644	2,908	165	11,051
Michigan	6,447	79,038	114	7,016	3,125	243	10,571
Minnesota	2,203	34,521	108	2,452	636	122	4,141
Mississippi	3,073	26,962	119	3,260	1,583	57	4,801
Missouri	2,629	48,843	106	3,247	970	181	5,081
Montana	242	7,643	103	429	101	34	601
Nebraska	582	12,683	104	942	230	28	1,321
Nevada	1,603	20,880	112	2,346	1,209	41	2,781
New Hampshire	445	9,486	106	560	121	31	911
New Jersey	14,437	69,616	131	10,312	6,956	122	17,901
New Mexico	833	14,334	108	1,063	375	29	1,551
New York ⁷	11,790	85,695	120	11,202	5,651	213	17,531
New York City	20,847	65,100	168	11,408	7,995	968	24,391
North Carolina	2,680	59,679	87	4,245	1,061	232	6,091
North Dakota	326	5,317	104	503	148	20	701
Ohio	4,799	91,766	104	6,088	2,054	264	9,091
Oklahoma	1,370	29,015	102	2,663	530	112	3,601
Oregon	581	27,014	103	1,262	191	65	1,711
Pennsylvania	8,722	105,030	108	7,735	3,114	254	13,591
Rhode Island	1,099	8,099	108	768	430	25	1,461
South Carolina	3,503	41,631	118	3,515	1,496	102	5,621
South Dakota	339	6,085	103	510	156	27	721
Tennessee	2,769	58,659	110	4,961	1,372	136	6,491
Texas	17,424	168,626	116	18,322	8,928	367	27,171
Utah	552	14,798	108	879	207	40	1,261
Vermont	62	4,302	104	199	15	16	261
Virginia	3,393	54,139	110	3,398	1,237	115	5,661
Washington	2,044	43,231	105	3,175	1,054	116	4,271
West Virginia	332	14,303	88	1,038	117	59	1,311
Wisconsin	1,561	40,932	107	2,078	391	151	3,391
Wyoming	47	3,563	109	213	19	-	251
Puerto Rico	676	20,065	94	2,587	429	71	2,901

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–J18.9.

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.

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