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National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease (COVID-19)

Contents

Daily Updates of Totals by Week and State

[Weekly Updates by Select Demographic and Geographic Characteristics](#)

[Excess Deaths Associated with COVID-19](#)

[Technical Notes](#)

Updated: May 27, 2020



Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of May 27, 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 27, 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	76,874	933,260	99	91,405	33,708	6,271	139,925
2/1/2020	0	57,589	98	3,717	0	475	4,192
2/8/2020	1	58,255	97	3,716	0	508	4,225
2/15/2020	0	57,594	98	3,749	0	542	4,291
2/22/2020	2	57,649	99	3,613	0	554	4,169
2/29/2020	5	57,970	100	3,732	3	630	4,364
3/7/2020	32	57,738	100	3,820	16	614	4,449
3/14/2020	51	56,464	99	3,822	26	599	4,445
3/21/2020	536	56,893	99	4,362	242	529	5,179

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
3/28/2020	2,992	60,515	105	5,917	1,353	429	7,936
4/4/2020	9,296	68,620	116	9,384	4,467	452	14,442
4/11/2020	15,184	74,069	133	11,282	6,815	457	19,774
4/18/2020	15,443	70,406	132	10,392	6,646	251	19,259
4/25/2020	12,663	64,917	124	8,868	5,502	137	16,070
5/2/2020	9,706	57,785	111	7,063	4,156	52	12,647
5/9/2020	7,602	49,245	99	5,440	3,154	34	9,914
5/16/2020	3,206	25,941	63	2,407	1,269	8	4,352
5/23/2020	155	1,610	8	121	59	0	217

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 27, 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	76,874	933,260	99	91,405	33,708	6,271	139,925
Alabama	449	15,933	91	1,037	127	88	1,446
Alaska	-	1,152	82	56	-	-	66
Arizona	609	20,384	101	1,555	309	109	1,964
Arkansas	82	9,866	93	676	22	74	810
California	2,717	87,115	96	7,900	1,526	562	9,652

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
Colorado	1,135	13,992	106	1,388	605	93	2,006
Connecticut	918	4,875	46	438	195	56	1,216
Delaware	217	2,757	90	220	85	15	367
District of Columbia	234	1,984	98	363	234	-	370
Florida	1,835	68,293	97	5,248	960	301	6,417
Georgia	1,200	25,716	91	1,935	558	102	2,679
Hawaii	16	3,556	92	237	-	19	266
Idaho	75	4,425	93	231	24	24	306
Illinois	3,400	37,905	107	4,183	1,777	175	5,978
Indiana	1,492	21,647	98	2,193	661	126	3,147
Iowa	292	9,358	94	673	67	83	981
Kansas	171	8,211	94	585	74	88	770
Kentucky	282	13,690	86	1,257	144	93	1,487
Louisiana	1,830	15,079	101	1,456	813	70	2,538
Maine	75	4,697	98	367	17	31	456
Maryland	1,880	18,189	110	1,864	693	122	3,157
Massachusetts	5,416	24,802	125	3,554	1,949	159	7,172
Michigan	3,904	33,754	105	3,935	1,973	231	6,093
Minnesota	682	14,685	101	1,134	207	117	1,725
Mississippi	402	9,941	96	944	178	51	1,219
Missouri	526	19,450	91	1,284	185	171	1,796
Montana	16	3,088	91	169	-	33	215
Nebraska	101	5,194	93	402	32	28	499
Nevada	306	8,142	96	756	227	38	873
New Hampshire	177	4,098	100	315	58	30	463
New Jersey	9,280	35,086	143	6,492	4,594	115	11,280
New Mexico	196	5,470	91	419	86	27	556
New York ⁷	8,547	41,367	125	7,193	4,274	200	11,649
New York City	17,511	40,887	227	8,923	6,794	937	19,767
North Carolina	245	19,140	63	1,257	95	201	1,608

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
North Dakota	32	1,876	80	171	12	19	210
Ohio	1,124	36,107	88	2,373	479	248	3,265
Oklahoma	224	10,700	82	996	93	99	1,223
Oregon	149	10,874	91	588	58	61	739
Pennsylvania	4,628	40,035	89	3,812	1,768	183	6,852
Rhode Island	360	3,130	90	288	136	24	536
South Carolina	360	16,273	102	1,043	141	95	1,356
South Dakota	44	2,413	90	196	17	23	246
Tennessee	255	23,061	96	1,726	108	124	1,997
Texas	1,094	62,004	94	4,719	465	327	5,672
Utah	78	6,092	98	343	31	40	430
Vermont	52	1,938	101	123	12	15	178
Virginia	987	22,416	100	1,407	337	111	2,166
Washington	768	17,753	95	1,462	410	103	1,919
West Virginia	55	6,008	81	448	13	58	548
Wisconsin	432	17,251	100	966	68	150	1,478
Wyoming	-	1,401	96	105	-	-	116
Puerto Rico	112	7,958	85	1,105	58	53	1,211

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.

*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.

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.

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.