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National Center for Health Statistics

Weekly Updates by Select Demographic and Geographic Characteristics

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

Contents —

Updated: November 12, 2020

ⓘ Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of November 12, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated every Wednesday by 5pm. Additional information will be added to this site as available.

List of Topics

For the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, click here.

Age and sex

Table 1 has counts of death involving COVID-19 and select causes of death by sex and age group for the United States. For data on sex and age at the state level, [ⓒ Click here to download] . For data on sex and age by week, [ⓒ Click here to download] .

NOTICE TO USERS: The data file for deaths by sex and age at the state level has been updated on September 2, 2020 to include the following age groups in addition to the age groups that are routinely included: 0-17, 18-29, 30-49, and 50-64. The new age groups are consistent with categories used across CDC COVID-19 surveillance pages. When analyzing the file, the user should make sure to select only the desired age groups. Summing across all age categories provided will result in double counting deaths from certain age groups.

Data on deaths involving COVID-19 among ages 0–18 are available here: [ⓒ Click here to download] .

> ⌄ **Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by sex and age group. United States. Week ending 2/1/2020 to 11/7/2020.***

Updated November 12, 2020

Sex	Age group	All Deaths involving COVID-19 (U07.1)[1]	Deaths from All Causes	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9)[2]	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9)[2]	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11)[3]	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9)[4]	Population[5]
Total								
	All ages	**223,984**	2,452,180	228,934	101,910	6,789	356,777	328,239,523
	Under 1 year	**26**	13,879	131	4	16	169	3,783,052
	1–4 years	**16**	2,598	88	2	42	144	15,793,631
	5–14 years	**39**	4,139	114	7	53	199	40,994,163
	15–24 years	**410**	26,662	534	142	55	853	42,687,510
	25–34 years	**1,725**	54,516	1,910	761	153	3,012	45,940,321
	35–44 years	**4,426**	76,852	4,297	1,963	250	6,981	41,659,144
	45–54 years	**11,740**	140,304	11,215	5,536	587	17,898	40,874,902
	55–64 years	**28,227**	321,282	30,057	13,891	1,252	45,424	42,448,537
	65–74 years	**48,363**	486,783	51,205	23,747	1,475	77,049	31,483,433
	75–84							

years	**59,760**	592,264	62,744	28,098	1,500	95,693	15,969,872
85 years and over	**69,252**	732,901	66,639	27,759	1,406	109,355	6,604,958

Males

All ages	**121,187**	1,280,170	125,880	57,750	3,502	192,193	161,657,324
Under 1 year	**18**	7,691	78	3	8	101	1,935,117
1–4 years	**8**	1,512	43	1	25	75	8,074,090
5–14 years	**25**	2,485	58	6	24	101	20,941,023
15–24 years	**250**	19,744	328	86	27	516	21,810,359
25–34 years	**1,121**	38,570	1,176	482	78	1,883	23,359,180
35–44 years	**2,986**	50,626	2,696	1,322	133	4,471	20,792,080
45–54 years	**7,974**	88,217	7,005	3,779	350	11,476	20,171,966
55–64 years	**18,232**	197,678	18,287	8,909	712	28,172	20,499,219
65–74 years	**29,605**	282,471	30,790	14,674	823	46,384	14,699,579
75–84 years	**32,987**	307,720	35,278	15,989	746	52,903	6,998,223
85 years and over	**27,981**	283,456	30,141	12,499	576	46,111	2,376,488

Females

All ages	**102,791**	1,171,920	103,047	44,156	3,286	164,574	166,582,199
Under 1 year	**8**	6,165	53	1	8	68	1,847,935
1–4 years	**8**	1,086	45	1	17	69	7,719,541
5–14 years	**14**	1,654	56	1	29	98	20,053,140
15–24 years	**160**	6,915	206	56	28	337	20,877,151
25–34 years	**604**	15,944	734	279	75	1,129	22,581,141
35–44 years	**1,440**	26,223	1,601	641	117	2,510	20,867,064
45–54 years	**3,764**	52,083	4,209	1,756	237	6,420	20,702,936
55–64 years	**9,995**	123,595	11,769	4,982	539	17,250	21,949,318

Age group	COVID-19 Deaths[1]		Pneumonia[2]		Influenza[3]	Pneumonia, Influenza, or COVID-19[4]	Population[5]
65–74 years	**18,757**	204,302	20,414	9,072	652	30,664	16,783,854
75–84 years	**26,772**	284,529	27,464	12,108	754	42,788	8,971,649
85 years and over	**41,269**	449,424	36,496	15,259	830	63,241	4,228,470

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 death 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.

[1]Deaths with confirmed or presumed COVID-19, coded to ICD–10 code U07.1

[2]Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

[3]Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

[4]Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD–10 codes U07.1 or J09–18.9.

[5]Population is based on 2019 postcensal estimates from the U.S. Census Bureau.

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

Select Sex

All Sex

Select Measure

COVID-19 Deaths

Select Age Group

All ages

Reporting Period

Week ending 2/1/2020 through 11/7/2020

Provisional Death Counts, by Week Ending Date and Age Group

Data represented with a dashed line are incomplete. Deaths counts will be updated as additional data are received.

Week ending Date

NOTE: Provisional death counts are based on death certificate data received and coded by NCHS as of the date of analysis and do not represent all deaths that occurred in that period. Data for the most recent 5 weeks (shown with dashed line) are typically less than 90% complete, with lower levels of completeness in more recent weeks. Death counts are updated as additional deaths are received and coded.

Race and Hispanic origin

Data by race and Hispanic origin are available at the national, state, and county level. Data by race and Hispanic origin is also available by age at the national and state level. Click here to visit the NCHS Health Disparities: Race and Hispanic origin page.

Place of death

Table 2 presents death counts of COVID-19 and other select causes of death by the place of death. For data on place of death at the state level, [⟳ Click here to download] .

For data on place of death by age group, state, and HHS Region, [⟳ Click here to download] .

> ⌄ **Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by place of death, United States. Week ending 2/1/2020 to 11/7/2020.***

Updated November 12, 2020

Place of death	All Deaths involving COVID-19 (U07.1)[1]	Deaths from All Causes	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9)[2]	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9)[2]	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11)[3]
Total	**223,984**	2,452,180	228,934	101,910	6,789
Healthcare setting, inpatient	**145,291**	716,707	164,091	81,341	4,110
Healthcare setting, outpatient or emergency room	**7,664**	145,939	7,378	2,492	248
Healthcare setting, dead on arrival	**207**	7,013	155	54	13
Decedent's home	**12,336**	833,215	15,718	2,639	1,466
Hospice facility	**6,714**	153,348	11,034	3,144	319
Nursing home/long term care facility	**47,666**	424,540	26,763	11,168	533
Other	**4,000**	168,244	3,711	1,040	99
Place of death unknown	**106**	3,174	84	32	1

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.
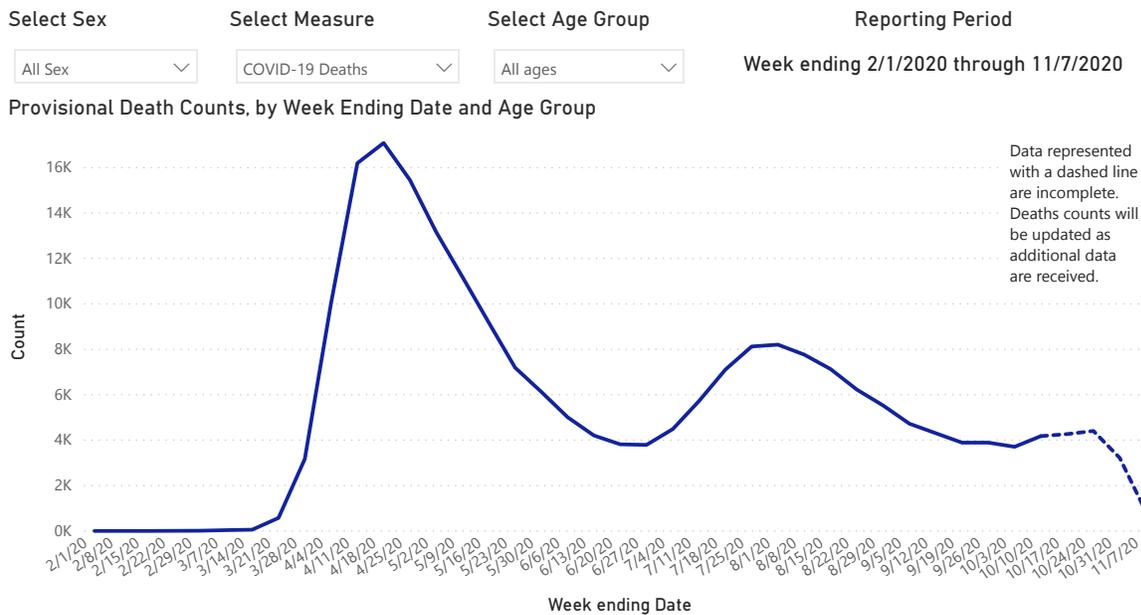[1]Deaths with confirmed or presumed COVID-19, coded to ICD–10 code U07.1.
[2]Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.
[3]Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

Comorbidities

Table 3 shows the types of health conditions and contributing causes mentioned in conjunction with deaths involving coronavirus disease 2019 (COVID-19). For 6% of the deaths, COVID-19 was the only cause mentioned. For deaths with conditions or causes in addition to COVID-19, on average, there were 2.6 additional conditions or causes per death. The number of deaths with each condition or cause is shown for all deaths and by age groups. For data on comorbidities,
Click here to download .

⌄ Table 3. Conditions contributing to deaths involving coronavirus disease 2019 (COVID-19), by age group, United States. Week ending 2/1/2020 to 11/7/2020.*

Updated November 12, 2020

Conditions Contributing to Deaths where COVID-19 was listed on the death certificate[1]	ICD–10 codes	Number of Conditions								
			Age Group							
		All ages	0–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years	75–84 years	85 years and over
Total COVID-19 deaths[2], as of 11/7/2020	U071	220,704	485	1,704	4,383	11,618	27,892	47,703	58,830	68,084
Respiratory diseases		-	-	-	-	-	-	-	-	-
Influenza and pneumonia	J09–J18	95,778	160	772	1,981	5,606	13,490	22,222	25,721	25,824
Chronic lower respiratory diseases	J40–J47	19,486	33	82	184	533	2,038	4,724	6,259	5,632
Adult respiratory distress syndrome	J80	28,090	78	313	819	2,328	5,065	7,515	6,820	5,150
Respiratory failure	J96	77,611	143	549	1,425	4,268	10,386	18,308	21,661	20,869
Respiratory arrest	R09.2	4,492	9	32	83	216	496	927	1,189	1,540
Other diseases of the respiratory system	J00–J06, J20–J39, J60–J70, J81–J86, J90–J95, J97–J99, U04	8,441	25	73	186	463	1,110	1,895	2,282	2,407
Circulatory diseases		-	-	-	-	-	-	-	-	-
Hypertensive diseases	I10–I15	47,455	24	147	609	2,027	5,749	10,459	13,074	15,366
Ischemic heart disease	I20–I25	25,274	4	32	138	616	2,339	5,238	7,709	9,197
Cardiac arrest	I46	26,557	68	252	627	1,757	3,901	6,161	6,661	7,130
Cardiac arrhythmia	I44, I45, I47–I49	14,400	13	33	95	327	1,069	2,633	4,338	5,892
Heart failure	I50	15,127	7	50	110	395	1,263	2,656	4,241	6,405
Cerebrovascular										

Condition	ICD–10 code	Total								
diseases	I60–I69	11,046	7	35	117	398	1,272	2,507	3,195	3,514
Other diseases of the circulatory system	I00–I09, I26–I43, I51, I52, I70–I99	12,920	60	138	308	734	1,708	2,880	3,259	3,833
Sepsis	A40–A41	20,864	50	201	504	1,535	3,606	5,816	5,303	3,849
Malignant neoplasms	C00–C97	10,443	34	51	136	387	1,406	2,743	3,128	2,558
Diabetes	E10–E14	36,204	57	234	807	2,455	5,982	9,803	9,709	7,157
Obesity	E65–E68	8,366	113	392	867	1,444	2,108	2,074	1,072	296
Alzheimer disease	G30	8,253	0	0	0	4	65	560	2,418	5,206
Vascular and unspecified dementia	F01, F03	24,787	0	1	2	27	378	2,296	7,376	14,707
Renal failure	N17–N19	20,024	26	158	414	1,263	3,027	5,181	5,302	4,651
Intentional and unintentional injury, poisoning and other adverse events	S00–T98, V01–X59, X60–X84, X85–Y09, Y10–Y36, Y40–Y89, U01–U03	7,919	86	237	304	489	948	1,505	1,850	2,500
All other conditions and causes (residual)	A00–A39, A42–B99, D00–E07, E15–E64, E70–E90, F00, F02, F04–G26, G31–H95, K00–K93, L00–M99, N00–N16, N20–N99, O00–O99, P00–P96, Q00–Q99, R00–R08, R09.0, R09.1, R09.3, R09.8, R10–R99	114,459	390	1,060	2,293	6,184	15,350	26,829	30,332	32,013

NOTE: Number of conditions reported in this table are tabulated from deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Data for this table are derived from a cut of the NVSS database taken at a particular time, separate from other surveillance tables on this page which are tabulated on the date of update. As a result, the total number of COVID-19 deaths in this table may not match other surveillance tables on this page.

*Data during the 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.

[1]Conditions contributing to the death were identified using the International Classification of Diseases, Tenth Revision (ICD–10). Deaths involving more than one condition (e.g., deaths involving both diabetes and respiratory arrest) were counted in both totals. To avoid counting the same death multiple times, the numbers for different conditions should not be summated.

[2]Deaths with confirmed or presumed COVID-19, coded to ICD–10 code U07.1

Excess deaths

See the NCHS Excess Deaths Data Visualization.

This data visualization presents data on weekly counts of all-cause mortality by jurisdiction of occurrence. Counts of deaths in the most recent weeks are compared with historical trends to determine whether the number of deaths in recent weeks is significantly higher than expected.

State and County Data Files

Weekly Counts of Deaths by State and Select Causes

- Final data for 2014–2018 ⊚ – Weekly counts of leading causes of death based on final underlying cause mortality data for years 2014–2018.
- Provisional data for 2019–2020 ⊚ – Weekly counts of leading causes of death based on provisional underlying cause mortality data for 2019–2020, updated weekly.

Provisional COVID-19 Death Counts in the United States by County ⊚
- This file includes deaths involving COVID-19 (coded to ICD–10 code U07.1) and total deaths per county. Counties included in this table had 10 or more COVID-19 deaths at the time of analysis.

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.