Underlying Cause of Death, 1999-2020 Results

Deaths occurring through 2020

Year	Race	Deaths	Population	Crude Rate Per 100,000
1999	Black or African American	58	21,085,711	0.3
	White	257	130,478,997	0.2
2000	Black or African American	66	21,344,177	0.3
	White	266	131,259,116	0.2
2001	Black or African American	49	21,799,252	0.2
	White	260	132,521,561	0.2
2002	Black or African American	75	22,098,531	0.3
	White	299	132,559,266	0.2
2003	Black or African American	91	22,368,950	0.4
	White	318	132,703,574	0.2
2004	Black or African American	63	22,703,567	0.3
	White	282	133,052,184	0.2
2005	Black or African American	86	23,036,212	0.4
	White	279	133,423,265	0.2
2006	Black or African American	76	23,377,270	0.3
	White	309	133,767,977	0.2
2007	Black or African American	89	23,695,716	0.4
	White	301	133,915,852	0.2
2008	Black or African American	97	23,993,839	0.4
	White	282	133,923,461	0.2
2009	Black or African American	71	24,242,703	0.3
	White	291	133,743,672	0.2
2010	Black or African American	86	24,391,274	0.4
	White	331	133,468,342	0.2
2011	Black or African American	47	24,579,827	0.2
	White	198	133,222,440	0.1
2012	Black or African American	39	24,759,304	0.2
	White	164	132,790,316	0.1
2013	Black or African American	38	24,909,189	0.2
	White	184	132,341,353	0.1
2014	Black or African American	51	25,147,100	0.2
	White	149	132,091,589	0.1
2015	Black or African American	51	25,340,890	0.2
	White	180	131,774,794	0.1
2016	Black or African American	57	25,460,617	0.2
	White	195	131,139,509	0.1
2017	Black or African American	51	25,670,268	0.2
	White	166	130,885,349	0.1
2018	Black or African American	48	25,748,482	0.2
	White	153	130,330,102	0.1
2019	Black or African American	61	25,840,254	0.2
	White	158	129,722,498	0.1
2020	Black or African American	50	25,967,554	0.2
	White	168	129,447,442	0.1

Notes:

Caveats: As of April 3, 2017, the underlying cause of death has been revised for 125 deaths in 2014. More information. (/wonder/help/ucd.html#2014-Revision)

Circumstances in Georgia for the years 2008 and 2009 have resulted in unusually high death counts for the ICD-10 cause of death code R99, "Other ill-defined and unspecified causes of mortality." Caution should be used in interpreting these data. More information. (/wonder/help/ucd.html#Georgia-Reporting-Anomalies)

Circumstances in New Jersey for the year 2009 have resulted in unusually high death counts for the ICD-10 cause of death code R99, "Other ill-defined and unspecified causes of mortality" and therefore unusually low death counts in other ICD-10 codes, most notably R95, "Sudden Infant Death Syndrome" and X40-X49, "Unintentional poisoning." Caution should be used in interpreting these data. More information. (/wonder/help/ucd.html#New-Jersey-Reporting-Anomalies)

Circumstances in California resulted in unusually high death counts for the ICD-10 cause of death code R99, "Other ill-defined and unspecified causes of mortality" for deaths occurring in years 2000 and 2001. Caution should be used in interpreting these data. More information. (/wonder/help/ucd.html#California-Reporting-Anomalies)

Data are Suppressed when the data meet the criteria for confidentiality constraints. More information. (/wonder/help/ucd.html#Assurance of Confidentiality)

Death rates are flagged as Unreliable when the rate is calculated with a numerator of 20 or less. More information. (/wonder/help/ucd.html#Unreliable)

Deaths of persons with Age "Not Stated" are included in "All" counts and rates, but are not distributed among age groups, so are not included in age-specific counts, age-specific rates or in any age-adjusted rates. More information. (/wonder/help/ucd.html#Not Stated)

Information included on the death certificate about the race and Hispanic ethnicity of the decedent is reported by the funeral director as provided by an informant, often the surviving next of kin, or, in the absence of an informant, on the basis of observation. Race and ethnicity information from the census is by self-report. To the extent that race and Hispanic origin are inconsistent between these two data sources, death rates will be biased. More information. (/wonder/help/ucd.html#Racial Differences)

The population figures for year 2020 are bridged-race estimates of the July 1 resident population, from the Vintage 2020 postcensal series released by NCHS on September 22, 2021. The population figures for year 2019 are bridged-race estimates of the July 1 resident population, from the Vintage 2019 postcensal series released by NCHS on July 9, 2020. The population figures for year 2018 are bridged-race estimates of the July 1 resident population, from the Vintage 2018 postcensal series released by NCHS on June 25, 2019. The population figures for year 2017 are bridged-race estimates of the July 1 resident population, from the Vintage 2017 postcensal series released by NCHS on June 27, 2018. The population figures for year 2016 are bridged-race estimates of the July 1 resident population, from the Vintage 2016 postcensal series released by NCHS on June 26, 2017. The population figures for year 2015 are bridged-race estimates of the July 1 resident population, from the Vintage 2015 postcensal series released by NCHS on June 28, 2016. The population figures for year 2014 are bridged-race estimates of the July 1 resident population, from the Vintage 2014 postcensal series released by NCHS on June 30, 2015. The population figures for year 2013 are bridged-race estimates of the July 1 resident population, from the Vintage 2013 postcensal series released by NCHS on June 26, 2014. The population figures for year 2012 are bridged-race estimates of the July 1 resident population, from the Vintage 2012 postcensal series released by NCHS on June 13, 2013. The population figures for year 2011 are bridged-race estimates of the July 1 resident population, from the Vintage 2011 postcensal series released by NCHS on July 18, 2012. Population figures for 2010 are April 1 Census counts. The population figures for years 2001 - 2009 are bridged-race estimates of the July 1 resident population, from the revised intercensal county-level 2000 - 2009 series released by NCHS on October 26, 2012. Population figures for 2000 are April 1 Census counts. Population figures for 1999 are from the 1990-1999 intercensal series of July 1 estimates. Population figures for the infant age groups are the number of live births.
Note: Rates and population figures for years 2001 - 2009 differ slightly from previously published reports, due to use of the population estimates which were available at the time of release.

Changes to cause of death classification affect reporting trends. More information. (/wonder/help/ucd.html#ICD-10 Changes)

Help: See Underlying Cause of Death, 1999-2020 Documentation (/wonder/help/ucd.html) for more information.

Query Date: Jun 7, 2023 10:39:55 PM

Suggested Citation:

Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2020 on CDC WONDER Online Database, released in 2021. Data are from the Multiple Cause of Death Files, 1999-2020, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at http://wonder.cdc.gov/ucd-icd10.html on Jun 7, 2023 10:39:55 PM

Query Criteria:

ICD-10 Codes:	I46.1 (Sudden cardiac death, so described)
Ten-Year Age Groups:	15-24 years; 25-34 years; 35-44 years; 45-54 years
Group By:	Year; Race
Show Totals:	Disabled
Show Zero Values:	False
Show Suppressed:	False
Calculate Rates Per:	100,000
Rate Options:	Default intercensal populations for years 2001-2009 (except Infant Age Groups)