

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2020-2021.htm#Table-SlctMort>

[Data are based on death certificates]

Sex and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2019 ⁴
All people										
	Age-adjusted deaths per 100,000 population ⁵									
All causes.....	1,446.0	1,339.2	1,222.6	1,039.1	938.7	869.0	815.0	749.6	723.6	715.2
Diseases of heart	588.8	559.0	492.7	412.1	321.8	257.6	216.8	182.8	163.6	161.5
Ischemic heart disease.....	---	---	---	345.2	249.6	186.8	148.2	117.7	90.9	88.0
Cerebrovascular diseases	180.7	177.9	147.7	96.2	65.3	60.9	48.0	39.6	37.1	37.0
Malignant neoplasms.....	193.9	193.9	198.6	207.9	216.0	199.6	185.1	173.5	149.1	146.2
Trachea, bronchus, and lung.....	15.0	24.1	37.1	49.9	59.3	56.1	52.7	48.4	34.8	33.4
Colon, rectum, and anus.....	---	30.3	28.9	27.4	24.5	20.8	17.7	16.0	13.4	13.1
Chronic lower respiratory diseases ^{6,7}	---	---	---	28.3	37.2	44.2	43.9	42.7	39.7	38.2
Influenza and pneumonia ⁷	48.1	53.7	41.7	31.4	36.8	23.7	21.0	16.5	14.9	12.3
Chronic liver disease and cirrhosis.....	11.3	13.3	17.8	15.1	11.1	9.5	8.9	9.1	11.1	11.3
Diabetes mellitus ⁸	23.1	22.5	24.3	18.1	20.7	25.0	24.9	21.0	21.4	21.6
Alzheimer's disease ⁹	---	---	---	---	---	18.1	24.0	24.2	30.5	29.8
Human immunodeficiency virus (HIV) disease.....	...	...	...	...	10.2	5.2	4.2	3.0	1.5	1.4
Unintentional injuries.....	78.0	62.3	60.1	46.4	36.3	34.9	39.5	37.5	48.0	49.3
Motor vehicle-related injuries.....	24.6	23.1	27.6	22.3	18.5	15.4	15.2	11.6	11.7	11.5
Poisoning.....	2.5	1.7	2.8	1.9	2.3	4.5	8.0	10.3	19.3	20.2
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	9.1	9.3	13.5	14.7	15.1	12.9	12.7
Suicide ¹⁰	13.2	12.5	13.1	12.2	12.5	10.4	10.9	11.8	14.2	13.9
Homicide ¹⁰	5.1	5.0	8.8	10.4	9.4	5.9	6.1	5.5	5.9	6.0
Male										
All causes.....	1,674.2	1,609.0	1,542.1	1,348.1	1,202.8	1,053.8	971.9	890.9	855.5	846.7
Diseases of heart	699.0	687.6	634.0	538.9	412.4	320.0	268.2	229.4	207.5	204.8
Ischemic heart disease.....	---	---	---	459.7	328.2	241.4	192.3	156.2	124.5	120.9
Cerebrovascular diseases	186.4	186.1	157.4	102.2	68.5	62.4	48.4	39.9	37.6	37.6
Malignant neoplasms.....	208.1	225.1	247.6	271.2	280.4	248.9	227.2	210.9	176.8	172.9
Trachea, bronchus, and lung.....	24.6	43.6	67.5	85.2	91.1	76.7	69.1	61.4	41.8	40.1
Colon, rectum, and anus.....	---	31.8	32.3	32.8	30.4	25.1	21.2	19.1	15.9	15.5
Prostate.....	28.6	28.7	28.8	32.8	38.4	30.4	25.3	22.1	18.8	18.3
Chronic lower respiratory diseases ^{6,7}	---	---	---	49.9	55.4	55.8	52.2	49.5	43.7	41.6
Influenza and pneumonia ⁷	55.0	65.8	54.0	42.1	47.8	28.9	24.9	19.6	17.3	14.4
Chronic liver disease and cirrhosis.....	15.0	18.5	24.8	21.3	15.9	13.4	12.4	12.5	14.7	15.1
Diabetes mellitus ⁸	18.8	19.9	23.0	18.1	21.7	27.8	28.8	25.0	26.9	27.3
Alzheimer's disease ⁹	---	---	---	---	---	15.2	19.5	20.2	24.5	23.9
Human immunodeficiency virus (HIV) disease.....	...	...	...	...	18.5	7.9	6.3	4.4	2.3	2.1
Unintentional injuries.....	101.8	85.5	87.4	69.0	52.9	49.3	55.0	51.4	65.9	68.3
Motor vehicle-related injuries.....	38.5	35.4	41.5	33.6	26.5	21.7	21.9	16.8	16.9	16.7
Poisoning.....	3.3	2.3	3.9	2.7	3.5	6.6	10.8	13.5	26.8	28.6
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	12.2	12.1	16.9	18.1	18.4	15.8	15.4
Suicide ¹⁰	21.2	20.0	19.8	19.9	21.5	17.7	18.1	19.2	22.8	22.4
Homicide ¹⁰	7.9	7.5	14.3	16.6	14.8	9.0	9.7	8.6	9.3	9.6

See footnotes at end of table.

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019—Con.

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2020-2021.htm#Table-SlctMort>

[Data are based on death certificates]

Sex and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2019 ⁴		
Female												
Age-adjusted deaths per 100,000 population ⁵												
All causes.....	1,236.0	1,105.3	971.4	817.9	750.9	731.4	692.3	636.8	611.3	602.7		
Diseases of heart	486.6	447.0	381.6	320.8	257.0	210.9	177.5	146.6	127.9	126.2		
Ischemic heart disease.....	---	---	---	263.1	193.9	146.5	115.0	88.4	64.0	61.7		
Cerebrovascular diseases	175.8	170.7	140.0	91.7	62.6	59.1	47.0	38.8	36.1	35.8		
Malignant neoplasms.....	182.3	168.7	163.2	166.7	175.7	167.6	156.7	147.4	128.6	126.2		
Trachea, bronchus, and lung.....	5.8	7.5	13.1	24.4	37.1	41.3	40.6	38.6	29.3	28.2		
Colon, rectum, and anus.....	---	29.1	26.5	23.8	20.6	17.7	15.0	13.5	11.2	11.1		
Breast.....	31.9	31.7	32.1	31.9	33.3	26.8	24.2	22.3	19.7	19.4		
Chronic lower respiratory diseases ^{6,7}	---	---	---	14.9	26.6	37.4	38.7	38.3	36.8	35.7		
Influenza and pneumonia ⁷	41.9	43.8	32.7	25.1	30.5	20.7	18.6	14.5	13.1	10.7		
Chronic liver disease and cirrhosis.....	7.8	8.7	11.9	9.9	7.1	6.2	5.8	6.1	7.7	8.0		
Diabetes mellitus ⁸	27.0	24.7	25.1	18.0	19.9	23.0	21.9	17.9	16.8	16.9		
Alzheimer's disease ⁹	---	---	---	---	---	19.3	26.2	26.3	34.2	33.6		
Human immunodeficiency virus (HIV) disease.....	...	...	...	...	2.2	2.5	2.3	1.7	0.8	0.7
Unintentional injuries.....	54.0	40.0	35.1	26.1	21.5	22.0	25.3	24.8	31.0	31.3		
Motor vehicle-related injuries.....	11.5	11.7	14.9	11.8	11.0	9.5	8.9	6.7	6.6	6.5		
Poisoning.....	1.7	1.1	1.8	1.3	1.2	2.5	5.1	7.1	11.7	11.9		
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	7.3	7.7	11.5	12.6	13.0	10.8	10.7		
Suicide ¹⁰	5.6	5.6	7.4	5.7	4.8	4.0	4.4	4.9	6.2	6.0		
Homicide ¹⁰	2.4	2.6	3.7	4.4	4.0	2.8	2.5	2.4	2.5	2.4		
Race, Hispanic origin, and cause of death ¹												
Age-adjusted deaths per 100,000 population ⁵												
White ¹¹												
All causes.....	1,410.8	1,311.3	1,193.3	1,012.7	909.8	849.8	801.1	742.8	725.4	728.3	717.3	720.4
Diseases of heart	586.0	559.0	492.2	409.4	317.0	253.4	213.2	180.1	162.7	163.3	160.9	161.6
Ischemic heart disease.....	---	---	---	347.6	249.7	185.6	147.3	117.4	91.4	91.8	88.7	89.0
Cerebrovascular diseases	175.5	172.7	143.5	93.2	62.8	58.8	46.0	38.1	35.8	35.9	35.6	35.7
Malignant neoplasms.....	194.6	193.1	196.7	204.2	211.6	197.2	183.9	173.3	150.3	151.0	147.3	148.0
Trachea, bronchus, and lung.....	15.2	24.0	36.7	49.2	58.6	56.2	53.2	49.1	35.7	35.8	34.3	34.4
Colon, rectum, and anus.....	---	30.9	29.2	27.4	24.1	20.3	17.1	15.6	13.2	13.3	12.9	13.0
Chronic lower respiratory diseases ^{6,7}	---	---	---	29.3	38.3	46.0	46.0	45.1	42.4	42.6	40.9	41.1
Influenza and pneumonia ⁷	44.8	50.4	39.8	30.9	36.4	23.5	20.9	16.3	14.8	14.9	12.3	12.3
Chronic liver disease and cirrhosis.....	11.5	13.2	16.6	13.9	10.5	9.6	9.2	9.6	11.9	12.0	12.3	12.3
Diabetes mellitus ⁸	22.9	21.7	22.9	16.7	18.8	22.8	22.8	19.2	19.5	19.6	19.9	19.9
Alzheimer's disease ⁹	---	---	---	---	---	18.8	24.7	25.0	31.8	31.9	31.1	31.2
Human immunodeficiency virus (HIV) disease.....	8.3	2.8	2.2	1.5	0.9	0.9	0.8	0.8
Unintentional injuries.....	77.0	60.4	57.8	45.3	35.5	35.1	40.7	39.5	50.6	50.9	51.7	52.0
Motor vehicle-related injuries.....	24.4	22.9	27.1	22.6	18.5	15.6	15.7	12.0	11.8	11.9	11.6	11.7
Poisoning.....	2.4	1.6	2.4	1.8	2.1	4.5	8.5	11.4	21.0	21.2	21.7	21.9
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	8.0	8.3	12.1	13.2	13.7	11.7	11.8	11.5	11.6
Suicide ¹⁰	13.9	13.1	13.8	13.0	13.4	11.3	12.1	13.2	16.1	16.2	15.7	15.8
Homicide ¹⁰	2.6	2.7	4.7	6.7	5.5	3.6	3.7	3.4	3.4	3.4	3.3	3.3

See footnotes at end of table.

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019—Con.

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[Data are based on death certificates]

Race, Hispanic origin, and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2018 ⁴ (single race)	2019 ⁴	2019 ⁴ (single race)
Age-adjusted deaths per 100,000 population ⁵												
White, not Hispanic or Latino^{11,12}												
All causes.....	---	---	---	---	914.5	855.5	810.1	755.1	745.7	748.7	736.8	739.9
Diseases of heart	---	---	---	---	319.7	255.5	215.5	182.9	167.5	168.1	165.8	166.4
Ischemic heart disease.....	---	---	---	---	251.9	186.6	148.3	118.9	93.5	93.8	90.6	91.0
Cerebrovascular diseases	---	---	---	---	63.5	59.0	46.2	38.3	35.9	36.0	35.6	35.7
Malignant neoplasms.....	---	---	---	---	215.4	200.6	187.8	177.4	154.4	155.0	151.4	152.0
Trachea, bronchus, and lung	---	---	---	---	60.3	58.2	55.5	51.6	38.0	38.2	36.5	36.6
Colon, rectum, and anus	---	---	---	---	24.6	20.5	17.4	15.8	13.4	13.5	13.2	13.2
Chronic lower respiratory diseases ^{6,7}	---	---	---	---	39.2	47.2	47.7	47.1	45.0	45.2	43.5	43.7
Influenza and pneumonia ⁷	---	---	---	---	36.5	23.5	21.0	16.2	15.0	15.1	12.5	12.5
Chronic liver disease and cirrhosis.....	---	---	---	---	9.9	9.0	8.7	9.1	11.4	11.5	11.8	11.9
Diabetes mellitus ⁸	---	---	---	---	18.3	21.8	21.8	18.5	18.8	18.9	19.0	19.1
Alzheimer's disease ⁹	---	---	---	---	---	19.1	25.1	25.4	32.2	32.3	31.4	31.5
Human immunodeficiency virus (HIV) disease.....	...	...	...	...	7.4	2.2	1.8	1.2	0.7	0.7	0.6	0.6
Unintentional injuries.....	---	---	---	---	35.0	35.3	41.5	41.3	53.9	54.3	54.6	55.0
Motor vehicle-related injuries.....	---	---	---	---	18.2	15.6	15.7	12.2	11.8	11.9	11.6	11.7
Poisoning	---	---	---	---	2.0	4.6	9.1	12.6	23.6	23.9	24.0	24.2
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	---	8.1	12.0	13.1	13.5	11.6	11.6	11.3	11.4
Suicide ¹⁰	---	---	---	---	13.8	12.0	13.0	14.5	18.0	18.1	17.6	17.7
Homicide ¹⁰	---	---	---	---	4.0	2.8	2.7	2.6	2.8	2.8	2.7	2.7
Black or African American¹¹												
All causes.....	1,722.1	1,577.5	1,518.1	1,314.8	1,250.3	1,121.4	1,035.1	912.8	852.9	867.8	843.6	858.7
Diseases of heart	588.7	548.3	512.0	455.3	391.5	324.8	278.0	231.8	203.7	206.9	200.0	203.3
Ischemic heart disease.....	---	---	---	334.5	267.0	218.3	175.7	137.4	103.2	104.8	100.0	101.7
Cerebrovascular diseases	233.6	235.2	197.1	129.1	91.6	81.9	67.0	54.0	50.8	51.6	50.9	51.7
Malignant neoplasms.....	176.4	199.1	225.3	256.4	279.5	248.5	223.5	204.5	168.7	171.2	165.9	168.4
Trachea, bronchus, and lung	11.1	23.7	41.3	59.7	72.4	64.0	58.1	51.3	35.8	36.3	34.6	35.0
Colon, rectum, and anus	---	22.8	26.1	28.3	30.6	28.2	25.1	22.0	17.0	17.3	16.6	16.9
Chronic lower respiratory diseases ^{6,7}	---	---	---	19.2	28.1	31.6	31.1	28.9	29.6	30.0	27.9	28.4
Influenza and pneumonia ⁷	76.7	81.1	57.2	34.4	39.4	25.6	22.6	18.0	15.8	16.0	13.4	13.6
Chronic liver disease and cirrhosis.....	9.0	13.6	28.1	25.0	16.5	9.4	7.6	6.8	7.1	7.2	7.3	7.4
Diabetes mellitus ⁸	23.5	30.9	38.8	32.7	40.5	49.5	47.5	39.1	37.6	38.2	37.1	37.7
Alzheimer's disease ⁹	---	---	---	---	---	13.0	20.8	20.6	26.6	27.0	26.7	27.0
Human immunodeficiency virus (HIV) disease.....	...	...	...	...	26.7	23.3	19.2	13.7	6.1	6.2	5.6	5.7
Unintentional injuries.....	79.9	74.0	78.3	57.6	43.8	37.7	38.8	31.6	46.6	47.5	49.5	50.5
Motor vehicle-related injuries.....	26.0	24.2	31.1	20.2	18.8	15.7	14.4	11.5	13.7	14.0	13.8	14.2
Poisoning	2.8	2.9	5.8	3.1	4.1	6.0	8.1	7.4	19.0	19.2	22.0	22.3
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	20.9	19.8	28.7	30.3	29.9	24.8	25.2	24.2	24.6
Suicide ¹⁰	4.5	5.0	6.2	6.5	7.1	5.5	5.2	5.1	7.0	7.1	7.1	7.2
Homicide ¹⁰	28.3	26.0	44.0	39.0	36.3	20.5	21.1	18.1	20.5	21.4	21.3	22.3

See footnotes at end of table.

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[Data are based on death certificates]

Race, Hispanic origin, and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2018 ⁴ (single race)	2019 ⁴	2019 ⁴ (single race)
Age-adjusted deaths per 100,000 population ⁵												
Black or African American, not Hispanic or Latino^{11,12}												
All causes.....	---	---	---	---	---	1,137.0	1,055.1	934.4	879.5	892.6	870.7	884.0
Diseases of heart	---	---	---	---	---	328.4	282.4	236.4	209.3	212.0	205.7	208.6
Ischemic heart disease.....	---	---	---	---	---	220.4	178.1	139.8	105.7	107.0	102.5	103.9
Cerebrovascular diseases	---	---	---	---	---	82.9	68.2	55.2	52.3	53.0	52.5	53.1
Malignant neoplasms.....	---	---	---	---	---	252.0	227.7	209.2	173.8	175.9	171.0	173.1
Trachea, bronchus, and lung.....	---	---	---	---	---	64.9	59.4	52.6	36.9	37.4	35.7	36.1
Colon, rectum, and anus.....	---	---	---	---	---	28.7	25.5	22.5	17.5	17.7	17.1	17.4
Chronic lower respiratory diseases ^{6,7}	---	---	---	---	---	32.0	31.6	29.6	30.5	30.8	28.8	29.2
Influenza and pneumonia ⁷	---	---	---	---	---	25.9	22.9	18.3	16.2	16.4	13.8	13.9
Chronic liver disease and cirrhosis.....	---	---	---	---	---	9.6	7.7	6.9	7.3	7.4	7.6	7.7
Diabetes mellitus ⁸	---	---	---	---	---	50.2	48.3	40.0	38.7	39.3	38.2	38.8
Alzheimer's disease ⁹	---	---	---	---	---	13.2	21.1	21.0	27.3	27.6	27.4	27.7
Human immunodeficiency virus (HIV) disease.....	---	23.6	19.7	14.2	6.3	6.5	5.8	5.9
Unintentional injuries.....	---	---	---	---	---	38.4	39.7	32.5	48.4	49.2	51.4	52.2
Motor vehicle-related injuries.....	---	---	---	---	---	16.0	14.9	11.9	14.4	14.7	14.5	14.8
Poisoning.....	---	---	---	---	---	6.1	8.2	7.6	19.6	19.8	22.6	22.9
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	---	---	29.1	30.9	30.6	25.6	26.0	25.0	25.4
Suicide ¹⁰	---	---	---	---	---	5.6	5.4	5.3	7.2	7.3	7.4	7.5
Homicide ¹⁰	---	---	---	---	---	21.1	21.9	19.0	21.8	22.6	22.7	23.7
American Indian or Alaska Native^{11,13}												
All causes.....	---	---	---	867.0	716.3	709.3	701.1	616.0	571.8	575.8	561.2	568.3
Diseases of heart	---	---	---	240.6	200.6	178.2	156.6	130.7	110.8	109.6	106.5	106.4
Ischemic heart disease.....	---	---	---	173.6	139.1	129.1	106.1	86.5	64.7	64.2	60.1	60.0
Cerebrovascular diseases	---	---	---	57.8	40.7	45.0	38.8	29.2	24.2	24.1	24.5	25.0
Malignant neoplasms.....	---	---	---	113.7	121.8	127.8	128.8	114.9	97.2	96.2	94.4	93.3
Trachea, bronchus, and lung.....	---	---	---	20.7	30.9	32.3	35.3	29.5	23.2	23.0	21.9	21.6
Colon, rectum, and anus.....	---	---	---	9.5	12.0	13.4	12.6	13.0	10.1	10.4	9.5	9.0
Chronic lower respiratory diseases ^{6,7}	---	---	---	14.2	25.4	32.8	31.6	30.7	28.3	27.1	26.3	26.0
Influenza and pneumonia ⁷	---	---	---	44.4	36.1	22.3	23.6	17.9	13.7	14.2	11.6	12.0
Chronic liver disease and cirrhosis.....	---	---	---	45.3	24.1	24.3	21.6	21.3	27.7	29.4	27.5	29.0
Diabetes mellitus ⁸	---	---	---	29.6	34.1	41.5	44.1	34.9	31.0	32.1	30.9	31.7
Alzheimer's disease ⁹	---	---	---	---	---	9.1	15.0	13.1	15.3	14.6	14.1	13.5
Human immunodeficiency virus (HIV) disease.....	1.8	2.2	2.5	1.7	1.0	1.1	0.8	0.8
Unintentional injuries.....	---	---	---	99.0	62.6	51.3	51.3	48.7	53.3	55.1	54.7	56.4
Motor vehicle-related injuries.....	---	---	---	54.5	32.5	27.3	22.6	17.2	16.6	17.7	15.7	16.5
Poisoning.....	---	---	---	2.3	3.2	4.7	8.6	13.8	19.6	19.6	21.2	21.6
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	12.2	11.6	15.0	15.6	14.4	11.4	11.6	12.1	12.7
Suicide ¹⁰	---	---	---	11.9	11.7	9.8	10.7	10.0	13.7	13.7	13.6	13.6
Homicide ¹⁰	---	---	---	15.5	10.4	6.8	6.8	5.9	7.1	7.2	7.3	7.5

See footnotes at end of table.

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019—Con.

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2020-2021.htm#Table-SlctMort>

[Data are based on death certificates]

Race, Hispanic origin, and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2018 ⁴ (single race)	2019 ⁴	2019 ⁴ (single race)
Age-adjusted deaths per 100,000 population ⁵												
American Indian or Alaska Native, not Hispanic or Latino ^{11–13}												
All causes.....	---	---	---	---	---	800.5	849.0	794.3	780.8	790.8	767.3	782.5
Diseases of heart	---	---	---	---	---	197.8	185.7	164.2	145.8	144.6	141.1	141.6
Ischemic heart disease.....	---	---	---	---	---	142.7	126.0	107.8	83.9	83.5	79.1	79.4
Cerebrovascular diseases	---	---	---	---	---	49.6	45.6	36.0	30.4	30.7	30.6	31.4
Malignant neoplasms.....	---	---	---	---	---	143.8	153.2	144.2	128.1	127.4	123.6	122.9
Trachea, bronchus, and lung.....	---	---	---	---	---	36.3	41.7	37.4	30.6	30.2	29.1	28.7
Colon, rectum, and anus.....	---	---	---	---	---	15.2	15.0	16.7	13.4	13.9	12.8	12.4
Chronic lower respiratory diseases ^{6,7}	---	---	---	---	---	36.6	37.2	37.8	36.4	34.9	34.3	33.9
Influenza and pneumonia ⁷	---	---	---	---	---	24.7	27.7	23.2	18.5	19.3	15.6	16.3
Chronic liver disease and cirrhosis.....	---	---	---	---	---	27.9	27.4	29.0	42.4	45.2	42.1	44.7
Diabetes mellitus ⁸	---	---	---	---	---	46.7	51.9	43.7	42.1	43.7	41.5	43.0
Alzheimer's disease ⁹	---	---	---	---	---	10.2	17.7	15.9	18.9	18.2	16.6	16.1
Human immunodeficiency virus (HIV) disease.....	---	2.5	3.2	2.6	1.5	1.7	1.2	1.2
Unintentional injuries.....	---	---	---	---	---	61.2	68.7	70.9	82.1	85.3	83.9	87.0
Motor vehicle-related injuries.....	---	---	---	---	---	33.2	31.3	26.0	26.4	28.5	25.0	26.4
Poisoning.....	---	---	---	---	---	5.4	11.5	20.6	31.2	31.4	33.4	34.3
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	---	---	17.1	18.8	17.9	14.5	14.9	15.8	16.7
Suicide ¹⁰	---	---	---	---	---	11.9	14.7	15.4	22.1	22.3	22.2	22.5
Homicide ¹⁰	---	---	---	---	---	8.2	9.4	9.0	11.2	11.5	11.6	12.2
Asian or Pacific Islander ^{11,13}												
All causes.....	---	---	---	589.9	582.0	506.4	459.6	424.6	390.6	...	383.5	...
Diseases of heart	---	---	---	202.1	181.7	146.0	119.7	103.8	85.0	...	82.4	...
Ischemic heart disease.....	---	---	---	168.2	139.6	109.6	85.6	70.7	53.0	...	50.7	...
Cerebrovascular diseases	---	---	---	66.1	56.9	52.9	40.8	33.0	29.4	...	29.7	...
Malignant neoplasms.....	---	---	---	126.1	134.2	121.9	113.2	106.8	92.6	...	91.3	...
Trachea, bronchus, and lung.....	---	---	---	28.4	30.2	28.1	26.3	25.2	18.9	...	18.9	...
Colon, rectum, and anus.....	---	---	---	16.4	14.4	12.7	11.5	10.5	8.8	...	9.0	...
Chronic lower respiratory diseases ^{6,7}	---	---	---	12.9	19.4	18.6	15.9	14.3	11.6	...	10.6	...
Influenza and pneumonia ⁷	---	---	---	24.0	31.4	19.7	16.8	15.0	12.8	...	9.7	...
Chronic liver disease and cirrhosis.....	---	---	---	6.1	5.2	3.5	3.6	3.3	3.7	...	3.7	...
Diabetes mellitus ⁸	---	---	---	12.6	14.6	16.4	17.3	16.2	16.4	...	16.5	...
Alzheimer's disease ⁹	---	---	---	---	---	5.5	8.5	10.9	15.8	...	15.7	...
Human immunodeficiency virus (HIV) disease.....	2.2	0.6	0.6	0.4	0.3	...	0.3	...
Unintentional injuries.....	---	---	---	27.0	23.9	17.9	18.1	14.9	17.4	...	17.5	...
Motor vehicle-related injuries.....	---	---	---	13.9	14.0	8.6	7.5	4.9	4.7	...	4.5	...
Poisoning.....	---	---	---	0.5	0.7	0.7	1.3	1.5	3.3	...	3.6	...
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	7.2	7.1	8.4	8.7	9.8	8.3	...	8.4	...
Suicide ¹⁰	---	---	---	7.8	6.7	5.5	5.1	5.9	6.9	...	7.1	...
Homicide ¹⁰	---	---	---	5.9	5.0	3.0	2.8	2.0	1.6	...	1.8	...

See footnotes at end of table.

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019—Con.

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2020-2021.htm#Table-SlctMort>

[Data are based on death certificates]

Race, Hispanic origin, and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2018 ⁴ (single race)	2019 ⁴	2019 ⁴ (single race)
Age-adjusted deaths per 100,000 population ⁵												
Asian or Pacific Islander, not Hispanic or Latino ^{11–13}												
All causes.....	---	---	---	---	---	507.0	460.7	425.9	392.2	...	384.9	...
Diseases of heart	---	---	---	---	---	146.1	119.8	103.8	85.2	...	82.6	...
Ischemic heart disease.....	---	---	---	---	---	109.7	85.7	70.9	53.1	...	50.9	...
Cerebrovascular diseases	---	---	---	---	---	53.0	41.0	33.2	29.6	...	29.9	...
Malignant neoplasms.....	---	---	---	---	---	122.0	113.7	107.5	93.4	...	92.1	...
Trachea, bronchus, and lung.....	---	---	---	---	---	28.0	26.4	25.4	19.1	...	19.0	...
Colon, rectum, and anus.....	---	---	---	---	---	12.8	11.6	10.6	8.9	...	9.1	...
Chronic lower respiratory diseases ^{6,7}	---	---	---	---	---	18.6	15.9	14.5	11.6	...	10.6	...
Influenza and pneumonia ⁷	---	---	---	---	---	19.8	16.9	15.2	12.9	...	9.8	...
Chronic liver disease and cirrhosis.....	---	---	---	---	---	3.5	3.5	3.3	3.6	...	3.6	...
Diabetes mellitus ⁸	---	---	---	---	---	16.4	17.3	16.3	16.5	...	16.6	...
Alzheimer's disease ⁹	---	---	---	---	---	5.5	8.5	11.0	15.8	...	15.8	...
Human immunodeficiency virus (HIV) disease.....	---	0.6	0.6	0.4	0.3	...	0.3	...
Unintentional injuries.....	---	---	---	---	---	17.8	18.0	14.8	17.2	...	17.2	...
Motor vehicle-related injuries.....	---	---	---	---	---	8.7	7.4	4.8	4.7	...	4.4	...
Poisoning.....	---	---	---	---	---	0.7	1.2	1.4	3.2	...	3.5	...
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	---	---	8.4	8.7	9.8	8.3	...	8.4	...
Suicide ¹⁰	---	---	---	---	---	5.6	5.2	5.9	7.0	...	7.1	...
Homicide ¹⁰	---	---	---	---	---	3.0	2.9	2.0	1.6	...	1.7	...
Asian, not Hispanic or Latino ^{11–13}												
All causes.....	381.2	...	372.8
Diseases of heart	82.0	...	79.2
Ischemic heart disease.....	51.7	...	49.1
Cerebrovascular diseases	29.2	...	29.3
Malignant neoplasms.....	91.8	...	90.4
Trachea, bronchus, and lung.....	18.7	...	18.7
Colon, rectum, and anus.....	8.9	...	9.0
Chronic lower respiratory diseases ^{6,7}	11.1	...	10.2
Influenza and pneumonia ⁷	12.9	...	9.6
Chronic liver disease and cirrhosis.....	3.4	...	3.4
Diabetes mellitus ⁸	15.4	...	15.7
Alzheimer's disease ⁹	15.8	...	15.9
Human immunodeficiency virus (HIV) disease.....	0.3	...	0.3
Unintentional injuries.....	16.0	...	16.0
Motor vehicle-related injuries.....	4.4	...	4.2
Poisoning.....	2.6	...	2.9
Nephritis, nephrotic syndrome and nephrosis ⁸	8.1	...	8.1
Suicide ¹⁰	6.7	...	6.7
Homicide ¹⁰	1.4	...	1.5

See footnotes at end of table.

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019—Con.

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2020-2021.htm#Table-SlctMort>

[Data are based on death certificates]

Race, Hispanic origin, and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2018 ⁴ (single race)	2019 ⁴	2019 ⁴ (single race)
Age-adjusted deaths per 100,000 population ⁵												
Native Hawaiian or Other Pacific Islander, not Hispanic or Latino^{11–13}												
All causes.....	675.7	...	679.0
Diseases of heart	161.4	...	168.5
Ischemic heart disease.....	87.4	...	97.4
Cerebrovascular diseases	46.6	...	50.9
Malignant neoplasms.....	142.6	...	141.2
Trachea, bronchus, and lung.....	27.8	...	27.8
Colon, rectum, and anus.....	9.8	...	10.6
Chronic lower respiratory diseases ^{6,7}	21.9	...	16.7
Influenza and pneumonia ⁷	14.9	...	16.4
Chronic liver disease and cirrhosis.....	7.9	...	5.9
Diabetes mellitus ⁸	48.1	...	41.9
Alzheimer's disease ⁹	17.0	...	16.3
Human immunodeficiency virus (HIV) disease.....	*	...	*
Unintentional injuries.....	37.6	...	33.1
Motor vehicle-related injuries.....	12.4	...	10.6
Poisoning.....	11.4	...	9.1
Nephritis, nephrotic syndrome and nephrosis ⁸	14.2	...	18.0
Suicide ¹⁰	11.9	...	14.4
Homicide ¹⁰	6.9	...	6.5
Hispanic or Latino ^{11–13}												
All causes.....	---	---	---	---	692.0	665.7	627.6	559.7	...	524.1	...	523.8
Diseases of heart	---	---	---	---	217.1	196.0	170.4	135.8	...	112.3	...	111.3
Ischemic heart disease.....	---	---	---	---	173.3	153.2	127.9	94.7	...	69.1	...	67.8
Cerebrovascular diseases	---	---	---	---	45.2	46.4	38.6	32.2	...	32.0	...	32.8
Malignant neoplasms.....	---	---	---	---	136.8	134.9	127.9	119.7	...	107.4	...	105.6
Trachea, bronchus, and lung.....	---	---	---	---	26.5	24.8	23.3	20.4	...	15.1	...	14.9
Colon, rectum, and anus.....	---	---	---	---	14.7	14.1	13.1	12.7	...	10.9	...	10.5
Chronic lower respiratory diseases ^{6,7}	---	---	---	---	19.3	21.1	20.9	19.8	...	17.0	...	16.1
Influenza and pneumonia ⁷	---	---	---	---	29.7	20.6	18.5	15.6	...	11.7	...	9.9
Chronic liver disease and cirrhosis.....	---	---	---	---	18.3	16.5	14.1	14.0	...	14.5	...	14.6
Diabetes mellitus ⁸	---	---	---	---	28.2	36.9	35.4	27.0	...	24.6	...	25.6
Alzheimer's disease ⁹	---	---	---	---	---	10.4	15.6	16.9	...	25.5	...	25.3
Human immunodeficiency virus (HIV) disease.....	16.3	6.7	4.8	3.2	...	1.4	...	1.4
Unintentional injuries.....	---	---	---	---	34.6	30.1	31.8	26.3	...	32.7	...	35.1
Motor vehicle-related injuries.....	---	---	---	---	19.5	14.7	14.6	10.1	...	10.6	...	10.6
Poisoning.....	---	---	---	---	3.2	4.1	5.2	5.8	...	11.1	...	12.9
Nephritis, nephrotic syndrome and nephrosis ⁸	---	---	---	---	8.4	11.8	12.8	13.8	...	11.6	...	11.8
Suicide ¹⁰	---	---	---	---	7.8	5.9	5.6	5.8	...	7.4	...	7.3
Homicide ¹⁰	---	---	---	---	16.2	7.5	7.4	6.0	...	4.9	...	5.0

See footnotes at end of table.

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019—Con.

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2020-2021.htm#Table-SlctMort>

[Data are based on death certificates]

--- Data not available.

... Category not applicable.

* Estimates are considered unreliable; rates based on fewer than 20 deaths are not shown.

¹ Underlying cause-of-death codes are based on the applicable *International Classification of Diseases (ICD)* revision for data years shown. See Sources and Definitions, Cause of death; *International Classification of Diseases (ICD)*.

² Includes deaths of people who were not residents of the 50 states or District of Columbia. In 1950, deaths of people in Alaska and Hawaii are excluded because these states did not receive statehood until 1959.

³ Underlying cause of death was coded according to the sixth revision of the ICD in 1950, seventh revision in 1960, eighth revision in 1970, and ninth revision (ICD-9) in 1980–1998. See Sources and Definitions, Cause of death; *International Classification of Diseases (ICD)*.

⁴ Starting with 1999 data, cause of death is coded according to the 10th revision of ICD (ICD-10). See Sources and Definitions, Cause of death; Comparability ratio.

⁵ Age-adjusted rates are calculated using the year 2000 standard population. Before 2001, age-adjusted rates were calculated using standard million proportions based on rounded population numbers. Starting with 2001 data, unrounded population numbers are used to calculate age-adjusted rates. See Sources and Definitions, Age adjustment.

⁶ From 1998 to 1999, the cause-of-death title for Chronic obstructive pulmonary diseases (COPD) in ICD-9 was renamed Chronic lower respiratory diseases (CLRD) in ICD-10.

⁷ Starting with 1999 data, the rules for selecting CLRD and Pneumonia as the underlying cause of death changed, resulting in an increase in the number of deaths for CLRD and a decrease in the number of deaths for Pneumonia. Therefore, trend data for these two causes of death should be interpreted with caution. For more information, see Sources and Definitions, Comparability ratio.

⁸ Starting with 2011 data, the rules for selecting Renal failure as the underlying cause of death changed, affecting the number of deaths in the Nephritis, nephrotic syndrome and nephrosis and Diabetes categories. These changes directly affect deaths with mention of Renal failure and other associated conditions, such as Diabetes mellitus with renal complications. The result is a decrease in the number of deaths for Nephritis, nephrotic syndrome and nephrosis and an increase in the number of deaths for Diabetes mellitus. Therefore, trend data for these two causes of death should be interpreted with caution. For more information, see Technical Notes in "Deaths: Final Data for 2011," available from: https://www.cdc.gov/nchs/data/nvsr/nvsr63/nvsr63_03.pdf.

⁹ Data are presented only for data years 1999 and beyond due to large differences in death rates caused by changes in ICD coding of the causes of death between ICD-9 and ICD-10. See Sources and Definitions, Cause of death; Comparability ratio.

¹⁰ Rates for 2001 include September 11 terrorism-related deaths for which death certificates were filed as of October 24, 2002. See Sources and Definitions, Cause of death for terrorism-related ICD-10 codes.

¹¹ The race groups White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander include people of Hispanic and non-Hispanic origin. People of Hispanic origin may be of any race. Starting with 2018 data, race on death records is available based on the 1997 "Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity" and presented as single-race estimates (only one race was reported on the death certificate). These estimates include separate estimates for non-Hispanic Asian and non-Hispanic Native Hawaiian or Other Pacific Islander groups. Data for 2003–2017 were tabulated according to the 1977 standards, and race data were bridged to retain comparability across states as they transitioned from 1977 to 1997 standards. Single-race estimates for 2018 and beyond are not completely comparable with bridged-race estimates for earlier years, particularly for the smaller race categories. To look at longer-term trends, bridged-race estimates are also presented. The combined group of non-Hispanic Asian or Pacific Islander people is also shown. See Sources and Definitions, Hispanic origin; Race.

¹² Before 1997, data from states that did not report Hispanic origin on the death certificate were excluded. See Sources and Definitions, Hispanic origin.

¹³ Rates for races other than White and Black or African American people should be interpreted with caution because of inconsistencies in reporting Hispanic origin or race on the death certificate (death rate numerators) compared with population figures (death rate denominators). The net effect of misclassification for these race groups is an underestimation of deaths and death rates. For a detailed discussion of sources of bias in death rates by race and Hispanic origin, see Sources and Definitions, Race.

NOTES: Starting with *Health, United States, 2003*, rates for 1991–1999 were revised using intercensal population estimates based on the 1990 and 2000 censuses. For 2000, population estimates are bridged-race April 1 census counts. Starting with *Health, United States, 2012*, rates for 2001–2009 were revised using intercensal population estimates based on the 2000 and 2010 censuses. For 2010, population estimates were bridged-race April 1 census counts. Rates for 2011 and beyond are computed using 2010-based postcensal estimates. See Sources and Definitions, Population Census and Population Estimates. Data for additional years are available in the Excel spreadsheet version of this table on the *Health, United States* website at: <https://www.cdc.gov/nchs/hus/index.htm>.

SOURCE: National Center for Health Statistics, National Vital Statistics System (NVSS); Grove RD, Hetzel AM. Vital statistics rates in the United States, 1940–1960. 1968; numerator data from NVSS, annual public-use Mortality Files; denominator data from U.S. Census Bureau national population estimates; and Xu JQ, Murphy SL, Kochanek KD, Arias E. Deaths: Final data for 2019. National Vital Statistics Reports; vol 70 no 8. Hyattsville, MD: National Center for Health Statistics. 2021. Available from: <https://www.cdc.gov/nchs/data/nvsr/nvsr70/nvsr70-08-508.pdf>. See Sources and Definitions, National Vital Statistics System (NVSS).