

Table 19 (page 1 of 4). Leading causes of death and numbers of deaths, by sex, race, and Hispanic origin: United States, 1980 and 2015

Excel and PDF versions (with more data years and standard errors when available): <http://www.cdc.gov/nchs/hus/contents2016.htm#019>.

[Data are based on death certificates]

Sex, race, Hispanic origin, and rank order	1980		2015	
	Cause of death	Deaths	Cause of death	Deaths
All persons				
Rank	All causes	1,989,841	All causes	2,712,630
1	Diseases of heart	761,085	Diseases of heart	633,842
2	Malignant neoplasms	416,509	Malignant neoplasms	595,930
3	Cerebrovascular diseases	170,225	Chronic lower respiratory diseases ^{1,2}	155,041
4	Unintentional injuries	105,718	Unintentional injuries	146,571
5	Chronic obstructive pulmonary diseases ¹	56,050	Cerebrovascular diseases	140,323
6	Pneumonia and influenza ²	54,619	Alzheimer's disease	110,561
7	Diabetes mellitus	34,851	Diabetes mellitus ³	79,535
8	Chronic liver disease and cirrhosis	30,583	Influenza and pneumonia ²	57,062
9	Atherosclerosis	29,449	Nephritis, nephrotic syndrome, and nephrosis ³	49,959
10	Suicide	26,869	Suicide	44,193
Male				
Rank	All causes	1,075,078	All causes	1,373,404
1	Diseases of heart	405,661	Diseases of heart	335,002
2	Malignant neoplasms	225,948	Malignant neoplasms	313,818
3	Unintentional injuries	74,180	Unintentional injuries	92,919
4	Cerebrovascular diseases	69,973	Chronic lower respiratory diseases ^{1,2}	72,498
5	Chronic obstructive pulmonary diseases ¹	38,625	Cerebrovascular diseases	58,288
6	Pneumonia and influenza ²	27,574	Diabetes mellitus ³	43,123
7	Suicide	20,505	Suicide	33,994
8	Chronic liver disease and cirrhosis	19,768	Alzheimer's disease	33,690
9	Homicide	18,779	Influenza and pneumonia ²	26,903
10	Diabetes mellitus	14,325	Chronic liver disease and cirrhosis	25,666
Female				
Rank	All causes	914,763	All causes	1,339,226
1	Diseases of heart	355,424	Diseases of heart	298,840
2	Malignant neoplasms	190,561	Malignant neoplasms	282,112
3	Cerebrovascular diseases	100,252	Chronic lower respiratory diseases ^{1,2}	82,543
4	Unintentional injuries	31,538	Cerebrovascular diseases	82,035
5	Pneumonia and influenza ²	27,045	Alzheimer's disease	76,871
6	Diabetes mellitus	20,526	Unintentional injuries	53,652
7	Atherosclerosis	17,848	Diabetes mellitus ³	36,412
8	Chronic obstructive pulmonary diseases ¹	17,425	Influenza and pneumonia ²	30,159
9	Chronic liver disease and cirrhosis	10,815	Nephritis, nephrotic syndrome, and nephrosis ³	24,518
10	Certain conditions originating in the perinatal period	9,815	Septicemia	21,388
White				
Rank	All causes	1,738,607	All causes	2,306,861
1	Diseases of heart	683,347	Diseases of heart	540,857
2	Malignant neoplasms	368,162	Malignant neoplasms	505,613
3	Cerebrovascular diseases	148,734	Chronic lower respiratory diseases ^{1,2}	141,766
4	Unintentional injuries	90,122	Unintentional injuries	125,773
5	Chronic obstructive pulmonary diseases ¹	52,375	Cerebrovascular diseases	116,788
6	Pneumonia and influenza ²	48,369	Alzheimer's disease	99,866
7	Diabetes mellitus	28,868	Diabetes mellitus ³	61,938
8	Atherosclerosis	27,069	Influenza and pneumonia ²	48,877
9	Chronic liver disease and cirrhosis	25,240	Suicide	39,796
10	Suicide	24,829	Nephritis, nephrotic syndrome, and nephrosis ³	39,078
Black or African American				
Rank	All causes	233,135	All causes	320,072
1	Diseases of heart	72,956	Diseases of heart	75,249
2	Malignant neoplasms	45,037	Malignant neoplasms	69,389
3	Cerebrovascular diseases	20,135	Cerebrovascular diseases	17,988
4	Unintentional injuries	13,480	Unintentional injuries	15,745
5	Homicide	10,172	Diabetes mellitus ³	13,869
6	Certain conditions originating in the perinatal period	6,961	Chronic lower respiratory diseases ^{1,2}	10,475
7	Pneumonia and influenza ²	5,648	Homicide	9,173
8	Diabetes mellitus	5,544	Nephritis, nephrotic syndrome, and nephrosis ³	9,170
9	Chronic liver disease and cirrhosis	4,790	Alzheimer's disease	8,156
10	Nephritis, nephrotic syndrome, and nephrosis	3,416	Septicemia	6,647

See footnotes at end of table.

Table 19 (page 2 of 4). Leading causes of death and numbers of deaths, by sex, race, and Hispanic origin: United States, 1980 and 2015

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[Data are based on death certificates]

Sex, race, Hispanic origin, and rank order		1980		2015	
		Cause of death	Deaths	Cause of death	Deaths
American Indian or Alaska Native					
Rank	All causes		6,923	All causes	19,016
1	Diseases of heart		1,494	Diseases of heart	3,463
2	Unintentional injuries		1,290	Malignant neoplasms	3,358
3	Malignant neoplasms		770	Unintentional injuries	2,078
4	Chronic liver disease and cirrhosis		410	Diabetes mellitus ³	1,087
5	Cerebrovascular diseases		322	Chronic liver disease and cirrhosis	1,061
6	Pneumonia and influenza ²		257	Chronic lower respiratory diseases ^{1,2}	883
7	Homicide		217	Cerebrovascular diseases	676
8	Diabetes mellitus		210	Suicide	577
9	Certain conditions originating in the perinatal period		199	Nephritis, nephrotic syndrome, and nephrosis ³	352
10	Suicide		181	Influenza and pneumonia ²	342
Asian or Pacific Islander					
Rank	All causes		11,071	All causes	66,681
1	Diseases of heart		3,265	Malignant neoplasms	17,570
2	Malignant neoplasms		2,522	Diseases of heart	14,273
3	Cerebrovascular diseases		1,028	Cerebrovascular diseases	4,871
4	Unintentional injuries		810	Unintentional injuries	2,975
5	Pneumonia and influenza ²		342	Diabetes mellitus ³	2,641
6	Suicide		249	Alzheimer's disease	2,212
7	Certain conditions originating in the perinatal period		246	Influenza and pneumonia ²	2,202
8	Diabetes mellitus		227	Chronic lower respiratory diseases ^{1,2}	1,917
9	Homicide		211	Nephritis, nephrotic syndrome, and nephrosis ³	1,359
10	Chronic obstructive pulmonary diseases ¹		207	Suicide	1,316
Hispanic or Latino					
Rank	---		---	All causes	179,457
1	---		---	Malignant neoplasms	37,804
2	---		---	Diseases of heart	36,401
3	---		---	Unintentional injuries	13,806
4	---		---	Cerebrovascular diseases	9,795
5	---		---	Diabetes mellitus ³	8,278
6	---		---	Alzheimer's disease	6,444
7	---		---	Chronic liver disease and cirrhosis	6,018
8	---		---	Chronic lower respiratory diseases ^{1,2}	5,159
9	---		---	Nephritis, nephrotic syndrome, and nephrosis ³	3,581
10	---		---	Influenza and pneumonia ²	3,497
White male					
Rank	All causes		933,878	All causes	1,164,176
1	Diseases of heart		364,679	Diseases of heart	285,884
2	Malignant neoplasms		198,188	Malignant neoplasms	267,885
3	Unintentional injuries		62,963	Unintentional injuries	78,887
4	Cerebrovascular diseases		60,095	Chronic lower respiratory diseases ^{1,2}	65,680
5	Chronic obstructive pulmonary diseases ¹		35,977	Cerebrovascular diseases	47,713
6	Pneumonia and influenza ²		23,810	Diabetes mellitus ³	34,299
7	Suicide		18,901	Alzheimer's disease	30,710
8	Chronic liver disease and cirrhosis		16,407	Suicide	30,658
9	Diabetes mellitus		12,125	Influenza and pneumonia ²	22,794
10	Atherosclerosis		10,543	Chronic liver disease and cirrhosis	22,681
Black or African American male					
Rank	All causes		130,138	All causes	164,670
1	Diseases of heart		37,877	Diseases of heart	39,325
2	Malignant neoplasms		25,861	Malignant neoplasms	35,250
3	Unintentional injuries		9,701	Unintentional injuries	10,779
4	Cerebrovascular diseases		9,194	Cerebrovascular diseases	8,073
5	Homicide		8,274	Homicide	8,021
6	Certain conditions originating in the perinatal period		3,869	Diabetes mellitus ³	6,909
7	Pneumonia and influenza ²		3,386	Chronic lower respiratory diseases ^{1,2}	5,328
8	Chronic liver disease and cirrhosis		3,020	Nephritis, nephrotic syndrome, and nephrosis ³	4,401
9	Chronic obstructive pulmonary diseases ¹		2,429	Septicemia	3,098
10	Diabetes mellitus		2,010	Influenza and pneumonia ²	2,787

See footnotes at end of table.

Table 19 (page 3 of 4). Leading causes of death and numbers of deaths, by sex, race, and Hispanic origin: United States, 1980 and 2015

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[Data are based on death certificates]

Sex, race, Hispanic origin, and rank order	1980		2015	
	Cause of death	Deaths	Cause of death	Deaths
American Indian or Alaska Native male				
Rank	All causes	4,193	All causes	10,451
1	Unintentional injuries	946	Diseases of heart	2,009
2	Diseases of heart	917	Malignant neoplasms	1,781
3	Malignant neoplasms	408	Unintentional injuries	1,364
4	Chronic liver disease and cirrhosis	239	Chronic liver disease and cirrhosis	598
5	Cerebrovascular diseases	163	Diabetes mellitus ³	573
6	Homicide	162	Suicide	426
7	Pneumonia and influenza ²	148	Chronic lower respiratory diseases ^{1,2}	408
8	Suicide	147	Cerebrovascular diseases	308
9	Certain conditions originating in the perinatal period	107	Homicide	228
10	Diabetes mellitus	86	Influenza and pneumonia ²	189
Asian or Pacific Islander male				
Rank	All causes	6,809	All causes	34,107
1	Diseases of heart	2,174	Malignant neoplasms	8,902
2	Malignant neoplasms	1,485	Diseases of heart	7,784
3	Unintentional injuries	556	Cerebrovascular diseases	2,194
4	Cerebrovascular diseases	521	Unintentional injuries	1,889
5	Pneumonia and influenza ²	227	Diabetes mellitus ³	1,342
6	Suicide	159	Influenza and pneumonia ²	1,133
7	Chronic obstructive pulmonary diseases ¹	158	Chronic lower respiratory diseases ^{1,2}	1,082
8	Homicide	151	Suicide	887
9	Certain conditions originating in the perinatal period	128	Alzheimer's disease	688
10	Diabetes mellitus	103	Nephritis, nephrotic syndrome, and nephrosis ³	672
Hispanic or Latino male				
Rank	---	---	All causes	98,170
1	---	---	Diseases of heart	20,225
2	---	---	Malignant neoplasms	19,847
3	---	---	Unintentional injuries	10,067
4	---	---	Cerebrovascular diseases	4,544
5	---	---	Diabetes mellitus ³	4,426
6	---	---	Chronic liver disease and cirrhosis	4,109
7	---	---	Chronic lower respiratory diseases ^{1,2}	2,606
8	---	---	Suicide	2,587
9	---	---	Homicide	2,391
10	---	---	Alzheimer's disease	2,035
White female				
Rank	All causes	804,729	All causes	1,142,685
1	Diseases of heart	318,668	Diseases of heart	254,973
2	Malignant neoplasms	169,974	Malignant neoplasms	237,728
3	Cerebrovascular diseases	88,639	Chronic lower respiratory diseases ^{1,2}	76,086
4	Unintentional injuries	27,159	Alzheimer's disease	69,156
5	Pneumonia and influenza ²	24,559	Cerebrovascular diseases	69,075
6	Diabetes mellitus	16,743	Unintentional injuries	46,886
7	Atherosclerosis	16,526	Diabetes mellitus ³	27,639
8	Chronic obstructive pulmonary diseases ¹	16,398	Influenza and pneumonia ²	26,083
9	Chronic liver disease and cirrhosis	8,833	Nephritis, nephrotic syndrome, and nephrosis ³	18,876
10	Certain conditions originating in the perinatal period	6,512	Septicemia	17,282
Black or African American female				
Rank	All causes	102,997	All causes	155,402
1	Diseases of heart	35,079	Diseases of heart	35,924
2	Malignant neoplasms	19,176	Malignant neoplasms	34,139
3	Cerebrovascular diseases	10,941	Cerebrovascular diseases	9,915
4	Unintentional injuries	3,779	Diabetes mellitus ³	6,960
5	Diabetes mellitus	3,534	Alzheimer's disease	5,973
6	Certain conditions originating in the perinatal period	3,092	Chronic lower respiratory diseases ^{1,2}	5,147
7	Pneumonia and influenza ²	2,262	Unintentional injuries	4,966
8	Homicide	1,898	Nephritis, nephrotic syndrome, and nephrosis ³	4,769
9	Chronic liver disease and cirrhosis	1,770	Septicemia	3,549
10	Nephritis, nephrotic syndrome, and nephrosis	1,722	Essential hypertension and hypertensive renal disease	3,175

See footnotes at end of table.

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[Data are based on death certificates]

Sex, race, Hispanic origin, and rank order	1980		2015	
	Cause of death	Deaths	Cause of death	Deaths
American Indian or Alaska Native female				
Rank	All causes	2,730	All causes	8,565
1	Diseases of heart	577	Malignant neoplasms	1,577
2	Malignant neoplasms	362	Diseases of heart	1,454
3	Unintentional injuries	344	Unintentional injuries	714
4	Chronic liver disease and cirrhosis	171	Diabetes mellitus ³	514
5	Cerebrovascular diseases	159	Chronic lower respiratory diseases ^{1,2}	475
6	Diabetes mellitus	124	Chronic liver disease and cirrhosis	463
7	Pneumonia and influenza ²	109	Cerebrovascular diseases	368
8	Certain conditions originating in the perinatal period	92	Alzheimer's disease	218
9	Nephritis, nephrotic syndrome, and nephrosis	56	Nephritis, nephrotic syndrome, and nephrosis ³	186
10	Homicide	55	Septicemia	167
Asian or Pacific Islander female				
Rank	All causes	4,262	All causes	32,574
1	Diseases of heart	1,091	Malignant neoplasms	8,668
2	Malignant neoplasms	1,037	Diseases of heart	6,489
3	Cerebrovascular diseases	507	Cerebrovascular diseases	2,677
4	Unintentional injuries	254	Alzheimer's disease	1,524
5	Diabetes mellitus	124	Diabetes mellitus ³	1,299
6	Certain conditions originating in the perinatal period	118	Unintentional injuries	1,086
7	Pneumonia and influenza ²	115	Influenza and pneumonia ²	1,069
8	Congenital anomalies	104	Chronic lower respiratory diseases ^{1,2}	835
9	Suicide	90	Nephritis, nephrotic syndrome, and nephrosis ³	687
10	Homicide	60	Essential hypertension and hypertensive renal disease	635
Hispanic or Latina female				
Rank	---	---	All causes	81,287
1	---	---	Malignant neoplasms	17,957
2	---	---	Diseases of heart	16,176
3	---	---	Cerebrovascular diseases	5,251
4	---	---	Alzheimer's disease	4,409
5	---	---	Diabetes mellitus ³	3,852
6	---	---	Unintentional injuries	3,739
7	---	---	Chronic lower respiratory diseases ^{1,2}	2,553
8	---	---	Chronic liver disease and cirrhosis	1,909
9	---	---	Influenza and pneumonia ²	1,762
10	---	---	Nephritis, nephrotic syndrome, and nephrosis ³	1,744

--- Data not available. Complete coverage of all states for the Hispanic origin variable began in 1997.

¹ Between 1998 and 1999, the cause of death title for Chronic obstructive pulmonary diseases in the *International Classification of Diseases, 9th Revision* (ICD-9) was renamed to Chronic lower respiratory diseases (CLRD) in ICD-10.

² 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 Comparability of cause of death between ICD-9 and ICD-10 in Appendix II, Table V.

³ Starting with 2011 data, the rules for selecting Renal failure as the underlying cause of death were 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: http://www.cdc.gov/nchs/data/nvsr/nvsr63/nvsr63_03.pdf.

NOTES: For cause of death codes based on the ICD-9 in 1980 and ICD-10 in 2015, see Appendix II, Cause of death; Cause-of-death ranking; Table III; Table IV. Starting with 2003 data, some states began to collect information on more than one race on the death certificate, according to 1997 Office of Management and Budget (OMB) standards. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards, for comparability with other states. The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. See Appendix II, Race; Hispanic origin.

SOURCE: NCHS, National Vital Statistics System: Vital statistics of the United States, vol II, mortality, part A, 1980. Washington, DC: Public Health Service. 1985. Public-use 2015 Mortality File. Murphy SL, Kochanek KD, Xu JQ, Curtin SC. Deaths: Final data for 2015. National vital statistics reports. Hyattsville, MD: NCHS; 2017. Available from: <http://www.cdc.gov/nchs/products/nvsr.htm>. See Appendix I, National Vital Statistics System (NVSS).