

# Leading Causes of Death

## 2017-2021

Orange County, California

September 2022 · Strategy & Special Projects-Research



## Technical Notes

### Methodology

Data in this document are based on information from death certificates from the California Department of Public Health Death Statistical Masters files from Orange County (OC). Deaths are ranked according to the number of deaths assigned to rankable causes. Cause-of-death statistics are based on the underlying cause of death.

### Rates

Crude rates were calculated by dividing the total number of deaths each year by the total number of individuals in the population. Crude rates are useful for determining the magnitude of a problem in a population. However, many diseases or health outcomes vary by age. For example, the crude rate for most causes of death will be higher in populations with a large proportion of older individuals, and lower in populations with a large proportion of younger individuals. As crude rates do not adjust for the age distribution of the population, they should not be used to compare rates of different populations.

Age-adjusted rates or additional data on a cause of death are available on the OC Dashboard at [www.OCHealthierTogether.org/OCDashboard](http://www.OCHealthierTogether.org/OCDashboard).

### Population Source

Crude rates were calculated based on California Department of Finance data sets downloaded May 2022.

### Data Instability

Data suppression is used when the number of cases and population at risk suggests the statistical stability of rates is unacceptable. Throughout this document, asterisks are used to indicate rates that may be statistically unstable and should be interpreted with caution. Rates were suppressed if the number of cases was less than 10. Rates not suppressed, but otherwise marked with an asterisk are considered unstable because the relative standard error (RSE) of the rate proportion is 25% or higher.

### Suggested Citation

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## Summary

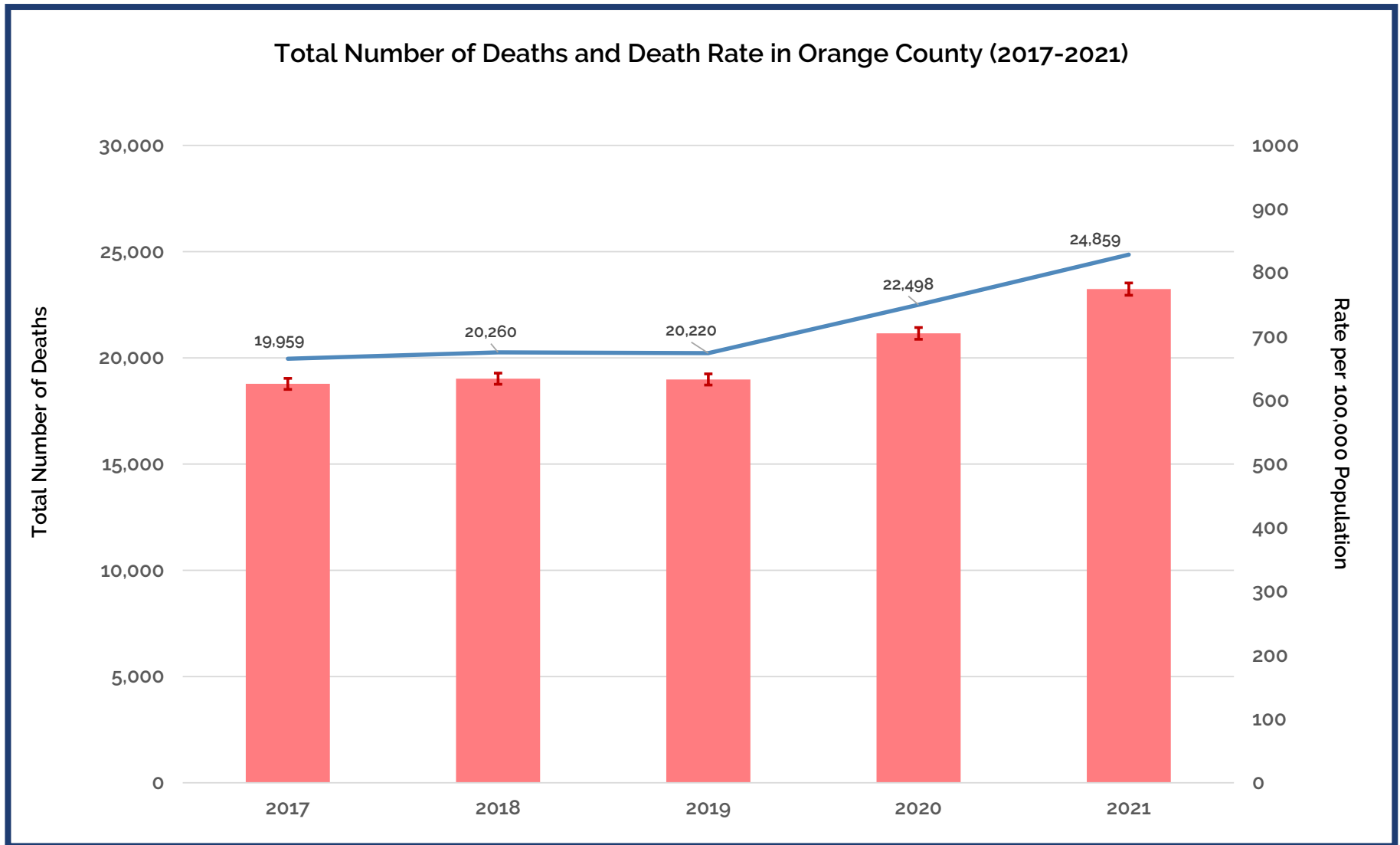
This document presents the 10 leading causes of death in Orange County, California from 2017 through 2021, which account for about 80% of deaths each year. Data are based on information from the Orange County Master Death Files and are ranked according to the number of deaths assigned to rankable causes. Cause-of-death statistics are based on the underlying cause of death.

The figure on the following page shows the top five leading causes of death in Orange County between 2017 and 2021. As shown, heart disease and cancer have consistently been the top two leading causes of death during this period. During 2017 to 2019, Alzheimer's disease has been the third leading cause of death, followed by cerebrovascular disease (stroke) and chronic lower respiratory diseases. However, after 2020, COVID-19 became the third cause of deaths followed by Alzheimer's, stroke,

and chronic lower respiratory diseases. In 2021, the number of deaths because of stroke exceeds Alzheimer's and became the fourth leading cause of death after heart disease, cancer, and COVID-19.

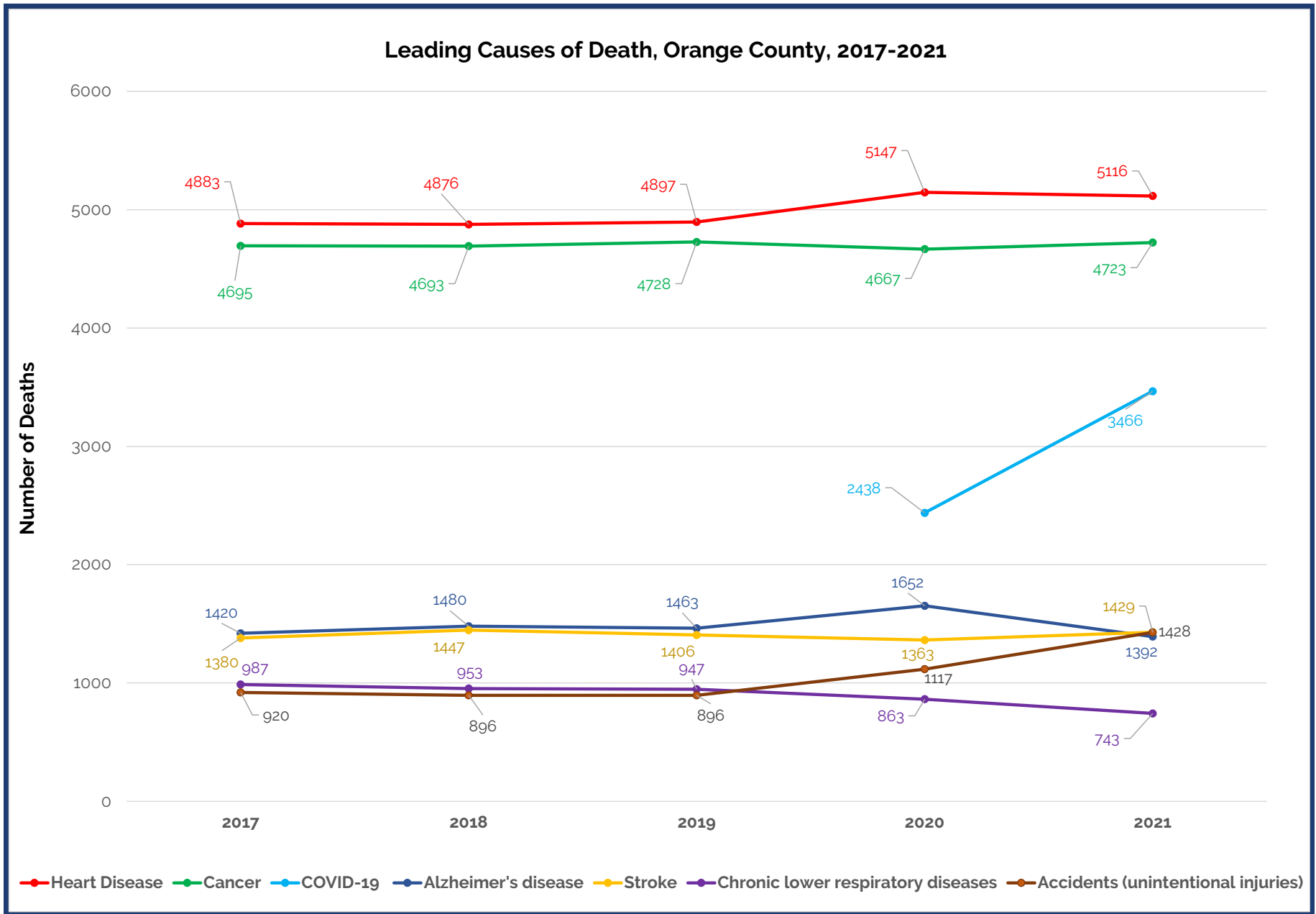
These top 5 leading causes of death accounted for about two out of three deaths in Orange County each year. Other leading causes of death between 2017 and 2021 include accidents (unintentional injuries); influenza and pneumonia; diabetes mellitus; chronic liver disease and cirrhosis; nephritis, nephrotic syndrome and nephrosis; and intentional self-harm (suicide). Leading causes of death differ by gender, race/ethnicity, and age groups and are presented in this document. Crude death rates are shown here for reference. As crude rates do not adjust for the age distribution of the population, they should not be used to compare rates of different populations (see [Technical Notes](#)).

# Leading Causes of Death 2017 - 2021



The number and rate of deaths in Orange County remained relatively level between 2017 and 2019, but increased 10% in 2020, the first year of the global pandemic, and increased another 10% in 2021 – for a 20% increase compared to pre-pandemic mortality.

# Leading Causes of Death 2017 - 2021



# Leading Causes of Death

# 2017

Rank	Deaths	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	4,883	153.1	148.9	157.5
2	Cancer (malignant neoplasms)	4,695	147.2	143.1	151.5
3	Alzheimer's disease	1,420	44.5	42.2	46.9
4	Cerebrovascular diseases (stroke)	1,380	43.3	41.0	45.6
5	Chronic lower respiratory diseases	987	31.0	29.1	32.9
6	Accidents (unintentional injuries)	920	28.9	27.0	30.8
7	Influenza and pneumonia	541	17.0	15.6	18.5
8	Diabetes mellitus	502	15.7	14.4	17.2
9	Chronic liver disease and cirrhosis	400	12.5	11.3	13.8
10	Nephritis, nephrotic syndrome and nephrosis	345	10.8	9.7	12.0
	All other causes	3,886	121.9	118.1	125.8
	<b>Total deaths</b>	<b>19,959</b>			

Rank	Leading Causes of Death among Women	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,306	144.0	138.2	150.0
2	Cancer (malignant neoplasms)	2,293	143.2	137.4	149.1
3	Alzheimer's disease	946	59.1	55.4	63.0
4	Cerebrovascular diseases (stroke)	814	50.8	47.4	54.4
5	Chronic lower respiratory diseases	534	33.3	30.6	36.3
6	Accidents (unintentional injuries)	312	19.5	17.4	21.8
7	Influenza and pneumonia	284	17.7	15.7	19.9
8	Diabetes mellitus	188	11.7	10.1	13.5
9	Essential hypertension and hypertensive renal disease	174	10.9	9.3	12.6
10	Nephritis, nephrotic syndrome and nephrosis	165	10.3	8.8	12.0
	All other causes	1,868	116.6	111.4	122.0
	<b>Total deaths</b>	<b>9,884</b>			



Rank	Leading Causes of Death among Men	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,577	162.4	156.2	168.8
2	Cancer (malignant neoplasms)	2,402	151.3	145.3	157.5
3	Accidents (unintentional injuries)	608	38.3	35.3	41.5
4	Cerebrovascular diseases (stroke)	566	35.7	32.8	38.7
5	Alzheimer's disease	474	29.9	27.2	32.7
6	Chronic lower respiratory diseases	453	28.5	26.0	31.3
7	Diabetes mellitus	314	19.8	17.7	22.1
8	Influenza and pneumonia	257	16.2	14.3	18.3
9	Chronic liver disease and cirrhosis	257	16.2	14.3	18.3
10	Intentional self-harm (suicide)	246	15.5	13.6	17.6
	All other causes	1,921	121.0	115.7	126.6
	<b>Total deaths</b>	<b>10,075</b>			

Rank	Leading Causes of Death among Whites	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	3,501	260.6	252.0	269.3
2	Cancer (malignant neoplasms)	3,042	226.4	218.4	234.6
3	Alzheimer's disease	1,065	79.3	74.6	84.2
4	Cerebrovascular diseases (stroke)	894	66.5	62.2	71.0
5	Chronic lower respiratory diseases	794	59.1	55.1	63.4
6	Accidents (unintentional injuries)	556	41.4	38.0	45.0
7	Influenza and pneumonia	352	26.2	23.5	29.1
8	Parkinsons disease	247	18.4	16.2	20.8
9	Diabetes mellitus	241	17.9	15.7	20.3
10	Chronic liver disease and cirrhosis	226	16.8	14.7	19.2
	All other causes	2,499	186.0	178.8	193.4
	<b>Total deaths</b>	<b>13,417</b>			

## Hispanic

Rank	Leading Causes of Death among Hispanics	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	755	67.3	62.6	72.3
2	Heart diseases	667	59.5	55.0	64.2
3	Accidents (unintentional injuries)	227	20.2	17.7	23.0
4	Cerebrovascular diseases (stroke)	214	19.1	16.6	21.8
5	Alzheimer's disease	152	13.6	11.5	15.9
6	Diabetes mellitus	133	11.9	9.9	14.1
7	Chronic liver disease and cirrhosis	129	11.5	9.6	13.7
8	Influenza and pneumonia	82	7.3	5.8	9.1
9	Chronic lower respiratory diseases	73	6.5	5.1	8.2
10	Nephritis, nephrotic syndrome and nephrosis	68	6.1	4.7	7.7
	All other causes	672	59.9	55.5	64.6
	<b>Total deaths</b>	<b>3,172</b>			

Rank	Leading Causes of Death among Asians	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	754	130.3	121.1	139.9
2	Heart diseases	608	105.0	96.8	113.7
3	Cerebrovascular diseases (stroke)	252	43.5	38.3	49.3
4	Alzheimer's disease	165	28.5	24.3	33.2
5	Diabetes mellitus	106	18.3	15.0	22.1
6	Accidents (unintentional injuries)	105	18.1	14.8	22.0
7	Chronic lower respiratory diseases	97	16.8	13.6	20.4
8	Influenza and pneumonia	96	16.6	13.4	20.3
9	Essential hypertension and hypertensive renal disease	67	11.6	9.0	14.7
10	Nephritis, nephrotic syndrome and nephrosis	64	11.1	8.5	14.1
	All other causes	521	90.0	82.4	98.1
<b>Total deaths</b>		<b>2,835</b>			

Rank	Leading Causes of Death among Pacific Islanders	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	14	*152.5	83.4	255.9
2	Heart diseases	12	*130.7	67.6	228.4
3	All other causes	27	294.1	193.8	428.0
<b>Total deaths</b>		<b>53</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

Rank	Leading Causes of Death among African Americans	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	80	165.7	131.4	206.2
2	Heart diseases	52	107.7	80.4	141.2
3	Alzheimer's disease	26	53.8	35.2	78.9
4	Accidents (unintentional injuries)	13	*26.9	14.3	46.0
5	Cerebrovascular diseases (stroke)	12	*24.8	12.8	43.4
6	Diabetes mellitus	12	*24.8	12.8	43.4
7	Nephritis, nephrotic syndrome and nephrosis	11	*22.8	11.4	40.8
	All other causes	72	149.1	116.7	187.8
<b>Total deaths</b>		<b>278</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Infants Under 1 Year

Rank	Leading Causes of Death among Infants Under 1 Year	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Certain conditions originating in the perinatal period	65	170.2	131.3	216.9
2	Congenital malformations, deformations and chromosomal abnormalities	34	89.0	61.6	124.4
3	All other causes	18	47.1	27.9	74.5
<b>Total deaths</b>		<b>117</b>			

## Ages 1-17 Years

Rank	Leading Causes of Death among Ages 1-17 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	25	3.6	2.4	5.4
2	Cancer (malignant neoplasms)	18	*2.6	1.6	4.1
3	All other causes	46	6.7	4.9	8.9
<b>Total deaths</b>		<b>89</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Ages 18-44 Years

Rank	Leading Causes of Death among Ages 18-44 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	325	28.6	25.5	31.8
2	Cancer (malignant neoplasms)	140	12.3	10.4	14.5
3	Intentional self-harm (suicide)	139	12.2	10.3	14.4
4	Heart diseases	97	8.5	6.9	10.4
5	Assault (homicide)	48	4.2	3.1	5.6
6	Chronic liver disease and cirrhosis	37	3.3	2.3	4.5
7	Diabetes mellitus	21	1.8	1.1	2.8
8	Cerebrovascular diseases (stroke)	17	*1.5	0.9	2.4
9	Human immunodeficiency virus (HIV) disease	13	*1.1	0.6	2.0
	All other causes	201	17.7	15.3	20.3

**Total deaths 1,038**

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.



## Ages 45-64 Years

Rank	Leading Causes of Death among Ages 45-64 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	1,062	123.1	115.8	130.8
2	Heart diseases	603	69.9	64.4	75.7
3	Accidents (unintentional injuries)	272	31.5	27.9	35.5
4	Chronic liver disease and cirrhosis	197	22.8	19.8	26.3
5	Cerebrovascular diseases (stroke)	130	15.1	12.6	17.9
6	Intentional self-harm (suicide)	122	14.1	11.7	16.9
7	Diabetes mellitus	109	12.6	10.4	15.2
8	Chronic lower respiratory diseases	74	8.6	6.7	10.8
9	Nephritis, nephrotic syndrome and nephrosis	46	5.3	3.9	7.1
10	Essential hypertension and hypertensive renal disease	38	4.4	3.1	6.0
11	Influenza and pneumonia	38	4.4	3.1	6.0
	All other causes	470	54.5		
<b>Total deaths</b>		<b>3,161</b>			

## Ages 65 Years and Older

Rank	Leading Causes of Death among Ages 65 Years and Older	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart disease	4,183	901.9	874.7	929.6
2	Cancer (malignant neoplasms)	3,473	748.8	724.1	774.1
3	Alzheimer's diseases	1,404	302.7	287.1	319.0
4	Cerebrovascular diseases (stroke)	1,232	265.6	251.0	280.9
5	Chronic lower respiratory diseases	908	195.8	183.2	208.9
6	Influenza and pneumonia	491	105.9	96.7	115.7
7	Diabetes mellitus	371	80.0	72.1	88.6
8	Parkinsons disease	314	67.7	60.4	75.6
9	Accidents (unintentional injuries)	297	64.0	57.0	71.7
10	Nephritis, nephrotic syndrome and nephrosis	296	63.8	56.8	71.5
	All other causes	2,632	567.5	546.0	589.6
	<b>Total deaths</b>	<b>15,601</b>			

# Leading Causes of Death

# 2018

Rank	Deaths	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart disease	4,876	152.6	148.3	156.9
2	Cancer (malignant neoplasms)	4,693	146.9	142.7	151.1
3	Alzheimer's diseases	1,480	46.3	44.0	48.7
4	Cerebrovascular diseases (stroke)	1,447	45.3	43.0	47.7
5	Chronic lower respiratory diseases	953	29.8	28.0	31.8
6	Accidents (unintentional injuries)	896	28.0	26.2	29.9
7	Influenza and pneumonia	562	17.6	16.2	19.1
8	Diabetes mellitus	537	16.8	15.4	18.3
9	Nephritis, nephrotic syndrome and nephrosis	404	12.6	11.4	13.9
10	Chronic liver disease and cirrhosis	382	12.0	10.8	13.2
	All other causes	4,030	126.1	122.3	130.1
	<b>Total deaths</b>	<b>20,260</b>			

Rank	Leading Causes of Death among Women	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,237	139.4	133.7	145.3
2	Cancer (malignant neoplasms)	2,236	139.4	133.6	145.3
3	Alzheimer's disease	1,018	63.4	59.6	67.5
4	Cerebrovascular diseases (stroke)	849	52.9	49.4	56.6
5	Chronic lower respiratory diseases	507	31.6	28.9	34.5
6	Influenza and pneumonia	281	17.5	15.5	19.7
7	Accidents (unintentional injuries)	280	17.5	15.5	19.6
8	Diabetes mellitus	233	14.5	12.7	16.5
9	Essential hypertension and hypertensive renal disease	178	11.1	9.5	12.8
10	Nephritis, nephrotic syndrome and nephrosis	177	11.0	9.5	12.8
	All other causes	1,859	115.9	110.7	121.3
	<b>Total deaths</b>	<b>9,855</b>			

Rank	Leading Causes of Death among Men	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,639	165.9	159.6	172.3
2	Cancer (malignant neoplasms)	2,457	154.4	148.4	160.7
3	Accidents (unintentional injuries)	616	38.7	35.7	41.9
4	Cerebrovascular diseases (stroke)	598	37.6	34.6	40.7
5	Alzheimer's disease	462	29.0	26.5	31.8
6	Chronic lower respiratory diseases	446	28.0	25.5	30.8
7	Diabetes mellitus	304	19.1	17.0	21.4
8	Influenza and pneumonia	281	17.7	15.7	19.9
9	Intentional self-harm (suicide)	273	17.2	15.2	19.3
10	Chronic liver disease and cirrhosis	251	15.8	13.9	17.9
	All other causes	2,078	130.6	125.1	136.3
	<b>Total deaths</b>	<b>10,405</b>			

Rank	Leading Causes of Death among Whites	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	3,521	263.2	254.6	272.1
2	Cancer (malignant neoplasms)	3,032	226.7	218.7	234.9
3	Alzheimer's disease	1,144	85.5	80.6	90.6
4	Cerebrovascular diseases (stroke)	935	69.9	65.5	74.5
5	Chronic lower respiratory diseases	762	57.0	53.0	61.2
6	Accidents (unintentional injuries)	533	39.8	36.5	43.4
7	Influenza and pneumonia	346	25.9	23.2	28.7
8	Parkinsons disease	266	19.9	17.6	22.4
9	Intentional self-harm (suicide)	240	17.9	15.7	20.4
10	Diabetes mellitus	233	17.4	15.3	19.8
	All other causes	2,553	190.9	183.5	198.4
	<b>Total deaths</b>	<b>13,565</b>			

Rank	Leading Causes of Death among Hispanics	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	749	66.8	62.1	71.7
2	Heart diseases	596	53.1	49.0	57.6
3	Accidents (unintentional injuries)	209	18.6	16.2	21.3
4	Cerebrovascular diseases (stroke)	209	18.6	16.2	21.3
5	Diabetes mellitus	157	14.0	11.9	16.4
6	Alzheimer's disease	149	13.3	11.2	15.6
7	Chronic liver disease and cirrhosis	143	12.7	10.7	15.0
8	Influenza and pneumonia	86	7.7	6.1	9.5
9	Nephritis, nephrotic syndrome and nephrosis	86	7.7	6.1	9.5
10	Chronic lower respiratory diseases	75	6.7	5.3	8.4
	All other causes	643	57.3	53.0	61.9
	<b>Total deaths</b>	<b>3,102</b>			

Rank	Leading Causes of Death among Asians	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	783	134.3	125.1	144.1
2	Heart diseases	624	107.0	98.8	115.8
3	Cerebrovascular diseases (stroke)	268	46.0	40.6	51.8
4	Alzheimer's disease	160	27.4	23.4	32.0
5	Diabetes mellitus	125	21.4	17.8	25.5
6	Influenza and pneumonia	119	20.4	16.9	24.4
7	Accidents (unintentional injuries)	111	19.0	15.7	22.9
8	Chronic lower respiratory diseases	93	16.0	12.9	19.5
9	Nephritis, nephrotic syndrome and nephrosis	87	14.9	12.0	18.4
10	Essential hypertension and hypertensive renal disease	69	11.8	9.2	15.0
	All other causes	575	98.6	90.7	107.0
<b>Total deaths</b>		<b>3,014</b>			



Rank	Leading Causes of Death among Pacific Islanders	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	19	207.0	124.6	323.2
2	Heart diseases	17	185.2*	107.9	296.5
3	All other causes	26	283.3	185.0	415.0
<b>Total deaths</b>		<b>62</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

Rank	Leading Causes of Death among African Americans	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	73	150.6	118.1	189.4
2	Cancer (malignant neoplasms)	66	136.2	105.3	173.3
3	Accidents (unintentional injuries)	20	41.3	25.2	63.7
4	Cerebrovascular diseases (stroke)	19	39.2	23.6	61.2
5	Alzheimer's disease	12	24.8	12.8	43.3
6	Diabetes mellitus	12	24.8	12.8	43.3
7	Chronic lower respiratory diseases	12	24.8	12.8	43.3
8	Essential hypertension and hypertensive renal disease	10	20.6*	9.9	37.9
	All other causes	70	144.4	112.6	182.5
<b>Total deaths</b>		<b>294</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Infants Under 1 Year

Rank	Leading Causes of Death among Infants Under 1 Year	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Certain conditions originating in the perinatal period	68	185.9	144.4	235.7
2	Congenital malformations, deformations and chromosomal abnormalities	27	73.8	48.6	107.4
3	All other causes	19	51.9	31.3	81.1
<b>Total deaths</b>		<b>114</b>			

## Ages 1-17 Years

Rank	Leading Causes of Death among Ages 1-17 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	21	3.1	1.9	4.7
2	Cancer (malignant neoplasms)	16	2.3*	1.3	3.8
3	All other causes	48	7.0	5.2	9.3
<b>Total deaths</b>		<b>85</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

Rank	Leading Causes of Death among Ages 18-44 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	325	28.7	25.7	32.0
2	Cancer (malignant neoplasms)	142	12.5	10.6	14.8
3	Intentional self-harm (suicide)	139	12.3	10.3	14.5
4	Heart diseases	70	6.2	4.8	7.8
5	Assault (homicide)	40	3.5	2.5	4.8
6	Chronic liver disease and cirrhosis	33	2.9	2.0	4.1
7	Diabetes mellitus	18	1.6*	0.9	2.5
8	Cerebrovascular diseases (stroke)	17	1.5*	0.9	2.4
9	Human immunodeficiency virus (HIV) disease	10	0.9*	0.4	1.6
	All other causes	140	12.4	10.4	14.6
<b>Total deaths</b>		<b>934</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Ages 45-64 Years

Rank	Leading Causes of Death among Ages 45-64 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	1,029	119.0	111.9	126.5
2	Heart diseases	615	71.1	65.6	77.0
3	Accidents (unintentional injuries)	268	31.0	27.4	34.9
4	Chronic liver disease and cirrhosis	203	23.5	20.4	26.9
5	Cerebrovascular diseases (stroke)	151	17.5	14.8	20.5
6	Intentional self-harm (suicide)	140	16.2	13.6	19.1
7	Diabetes mellitus	118	13.7	11.3	16.3
8	Nephritis, nephrotic syndrome and nephrosis	64	7.4	5.7	9.5
9	Chronic lower respiratory diseases	61	7.1	5.4	9.1
10	Influenza and pneumonia	46	5.3	3.9	7.1
	All other causes	496	57.4	52.4	62.7
	<b>Total deaths</b>	<b>3,191</b>			

## Ages 65 Years and Older

Rank	Leading Causes of Death among Ages 65 Years and Older	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	4,186	873.1	846.8	899.9
2	Cancer (malignant neoplasms)	3,505	731.0	707.0	755.6
3	Alzheimer's disease	1,466	305.8	290.3	321.8
4	Cerebrovascular diseases (stroke)	1,278	266.6	252.1	281.6
5	Chronic lower respiratory diseases	885	184.6	172.6	197.2
6	Influenza and pneumonia	504	105.1	96.1	114.7
7	Diabetes mellitus	401	83.6	75.6	92.2
8	Parkinsons disease	348	72.6	65.2	80.6
9	Nephritis, nephrotic syndrome and nephrosis	335	69.9	62.6	77.8
10	Essential hypertension and hypertensive renal disease	283	59.0	52.3	66.3
	All other causes	2,743	572.1	550.9	593.9
	<b>Total deaths</b>	<b>15,934</b>			

# Leading Causes of Death

# 2019

Rank	Deaths	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	4,897	153.2	149.0	157.6
2	Cancer (malignant neoplasms)	4,728	148.0	143.8	152.2
3	Alzheimer's disease	1,463	45.8	43.5	48.2
4	Cerebrovascular diseases (stroke)	1,406	44.0	41.7	46.4
5	Chronic lower respiratory diseases	947	29.6	27.8	31.6
6	Accidents (unintentional injuries)	896	28.0	26.2	29.9
7	Influenza and pneumonia	518	16.2	14.8	17.7
8	Diabetes mellitus	513	16.1	14.7	17.5
9	Nephritis, nephrotic syndrome and nephrosis	402	12.6	11.4	13.9
10	Chronic liver disease and cirrhosis	396	12.4	11.2	13.7
11	Parkinsons disease	394	12.3	11.1	13.6
	All other causes	3,660	114.5	110.9	118.3
<b>Total deaths</b>		<b>20,220</b>			

Rank	Leading Causes of Death among Women	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	2,290	142.8	137.0	148.7
2	Heart diseases	2,234	139.3	133.6	145.2
3	Alzheimer's disease	992	61.8	58.1	65.8
4	Cerebrovascular diseases (stroke)	823	51.3	47.9	54.9
5	Chronic lower respiratory diseases	539	33.6	30.8	36.6
6	Accidents (unintentional injuries)	287	17.9	15.9	20.1
7	Influenza and pneumonia	268	16.7	14.8	18.8
8	Diabetes mellitus	222	13.8	12.1	15.8
9	Nephritis, nephrotic syndrome and nephrosis	176	11.0	9.4	12.7
10	Parkinsons disease	154	9.6	8.1	11.2
	All other causes	1,945	121.3	115.9	126.8
	<b>Total deaths</b>	<b>9,930</b>			



Rank	Leading Causes of Death among Men	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,663	167.4	161.1	173.8
2	Cancer (malignant neoplasms)	2,438	153.2	147.2	159.4
3	Accidents (unintentional injuries)	609	38.3	35.3	41.4
4	Cerebrovascular diseases (stroke)	583	36.6	33.7	39.7
5	Alzheimer's disease	471	29.6	27.0	32.4
6	Chronic lower respiratory diseases	408	25.6	23.2	28.3
7	Diabetes mellitus	291	18.3	16.2	20.5
8	Chronic liver disease and cirrhosis	266	16.7	14.8	18.9
9	Intentional self-harm (suicide)	257	16.2	14.2	18.3
10	Influenza and pneumonia	250	15.7	13.8	17.8
	All other causes	2,053	129.0	123.5	134.7
	<b>Total deaths</b>	<b>10,289</b>			

Rank	Leading Causes of Death among Whites	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	3,482	261.3	252.7	270.1
2	Cancer (malignant neoplasms)	2,930	219.9	212.0	228.0
3	Alzheimer's disease	1,070	80.3	75.5	85.2
4	Cerebrovascular diseases (stroke)	884	66.3	62.0	70.9
5	Chronic lower respiratory diseases	742	55.7	51.7	59.8
6	Accidents (unintentional injuries)	537	40.3	37.0	43.9
7	Influenza and pneumonia	314	23.6	21.0	26.3
8	Parkinsons disease	294	22.1	19.6	24.7
9	Chronic liver disease and cirrhosis	233	17.5	15.3	19.9
10	Diabetes mellitus	232	17.4	15.2	19.8
11	Nephritis, nephrotic syndrome and nephrosis	222	16.7	14.5	19.0
	All other causes	2,299	172.5	165.5	179.7
<b>Total deaths</b>		<b>13,239</b>			

White

Rank	Leading Causes of Death among Hispanics	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	822	72.6	67.7	77.7
2	Heart diseases	625	55.2	50.9	59.7
3	Accidents (unintentional injuries)	242	21.4	18.8	24.2
4	Cerebrovascular diseases (stroke)	220	19.4	16.9	22.2
5	Diabetes mellitus	161	14.2	12.1	16.6
6	Alzheimer's disease	159	14.0	11.9	16.4
7	Chronic liver disease and cirrhosis	130	11.5	9.6	13.6
8	Influenza and pneumonia	88	7.8	6.2	9.6
9	Nephritis, nephrotic syndrome and nephrosis	96	8.5	6.9	10.3
10	Chronic lower respiratory diseases	68	6.0	4.7	7.6
	All other causes	740	65.3	60.7	70.2
	<b>Total deaths</b>	<b>3,351</b>			

Rank	Leading Causes of Death among Asians	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	839	144.1	134.6	154.2
2	Heart diseases	663	113.9	105.4	122.9
3	Cerebrovascular diseases (stroke)	257	44.2	38.9	49.9
4	Alzheimer's disease	205	35.2	30.6	40.4
5	Chronic lower respiratory diseases	115	19.8	16.3	23.7
6	Influenza and pneumonia	109	18.7	15.4	22.6
7	Diabetes mellitus	97	16.7	13.5	20.3
8	Accidents (unintentional injuries)	86	14.8	11.8	18.2
9	Nephritis, nephrotic syndrome and nephrosis	70	12.0	9.4	15.2
10	Essential hypertension and hypertensive renal disease	64	11.0	8.5	14.0
	All other causes	538	92.4	84.8	100.6
	<b>Total deaths</b>	<b>3,043</b>			

Rank	Leading Causes of Death among Pacific Islanders	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	30	325.6	219.7	464.8
2	Cancer (malignant neoplasms)	12	130.2*	67.3	227.5
3	All other causes	74	803.1	630.6	1,008.3
<b>Total deaths</b>		<b>116</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## African American

Rank	Leading Causes of Death among African Americans	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	73	149.9	117.5	188.4
2	Heart diseases	72	147.8	115.7	186.2
3	Cerebrovascular diseases (stroke)	23	47.2	29.9	70.9
4	Alzheimer's disease	18	37.0*	21.9	58.4
5	Diabetes mellitus	16	32.8*	18.8	53.3
6	Chronic lower respiratory diseases	11	22.6*	11.3	40.4
	All other causes	94	193.0	155.9	236.2
<b>Total deaths</b>		<b>307</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Infants Under 1 Year

Rank	Leading Causes of Death among Infants Under 1 Year	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Certain conditions originating in the perinatal period	63	177.7	136.6	227.4
2	Congenital malformations, deformations and chromosomal abnormalities	22	62.1	38.9	94.0
3	All other causes	17	48.0	27.9	76.8
<b>Total deaths</b>		<b>102</b>			

## Ages 1-17 Years

Rank	Leading Causes of Death among Ages 1-17 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	14	2.1*	1.1	3.5
2	Cancer (malignant neoplasms)	9	1.3*	0.6	2.5
3	All other causes	27	4.0	2.6	5.8
<b>Total deaths</b>		<b>50</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Ages 18-44 Years

Rank	Leading Causes of Death among Ages 18-44 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	329	29.3	26.2	32.6
2	Cancer (malignant neoplasms)	150	13.3	11.3	15.6
3	Intentional self-harm (suicide)	114	10.1	8.4	12.2
4	Heart diseases	70	6.2	4.9	7.9
5	Chronic liver disease and cirrhosis	61	5.4	4.1	7.0
6	Assault (homicide)	34	3.0	2.1	4.2
7	Diabetes mellitus	17	1.5*	0.9	2.4
8	Cerebrovascular diseases (stroke)	12	1.1*	0.6	1.9
9	Congenital malformations, deformations and chromosomal abnormalities	11	1.0*	0.5	1.7
	All other causes	148	13.2	11.1	15.5
<b>Total deaths</b>		<b>946</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.



## Ages 45-64 Years

Rank	Leading Causes of Death among Ages 45-64 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	1,049	121.7	114.5	129.3
2	Heart diseases	614	71.2	65.7	77.1
3	Accidents (unintentional injuries)	273	31.7	28.0	35.7
4	Chronic liver disease and cirrhosis	181	21.0	18.1	24.3
5	Cerebrovascular diseases (stroke)	140	16.2	13.7	19.2
6	Intentional self-harm (suicide)	125	14.5	12.1	17.3
7	Diabetes mellitus	121	14.0	11.6	16.8
8	Chronic lower respiratory diseases	62	7.2	5.5	9.2
9	Influenza and pneumonia	54	6.3	4.7	8.2
10	Essential hypertension and hypertensive renal disease	47	5.5	4.0	7.3
	All other causes	488	56.6	51.7	61.9
	<b>Total deaths</b>	<b>3,154</b>			

## Ages 65 Years and Older

Rank	Leading Causes of Death among Ages 65 Years and Older	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	4,210	848.6	823.1	874.6
2	Cancer (malignant neoplasms)	3,519	709.3	686.1	733.1
3	Alzheimer's disease	1,444	291.1	276.2	306.5
4	Cerebrovascular diseases (stroke)	1,253	252.6	238.8	266.9
5	Chronic lower respiratory diseases	877	176.8	165.3	188.9
6	Influenza and pneumonia	455	91.7	83.5	100.5
7	Parkinsons disease	385	77.6	70.0	85.8
8	Diabetes mellitus	375	75.6	68.1	83.6
9	Nephritis, nephrotic syndrome and nephrosis	356	71.8	64.5	79.6
10	Accidents (unintentional injuries)	285	57.4	51.0	64.5
	All other causes	2,809	566.2	545.4	587.5
	<b>Total deaths</b>	<b>15,968</b>			

# Leading Causes of Death

# 2020

Rank	Deaths	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	5,147	161.3	156.9	165.8
2	Cancer (malignant neoplasms)	4,667	146.3	142.1	150.5
3	COVID-19	2,438	76.4	73.4	79.5
4	Alzheimer's disease	1,652	51.8	49.3	54.3
5	Cerebrovascular diseases (stroke)	1,363	42.7	40.5	45.0
6	Accidents (unintentional injuries)	1,117	35.0	33.0	37.1
7	Chronic lower respiratory diseases	863	27.0	25.3	28.9
8	Diabetes mellitus	662	20.7	19.2	22.4
9	Influenza and pneumonia	503	15.8	14.4	17.2
10	Chronic liver disease and cirrhosis	426	13.4	12.1	14.7
	All other causes	3,660	114.7	111.0	118.5
	<b>Total deaths</b>	<b>22,498</b>			

Rank	Leading Causes of Death among Women	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,316	144.6	138.7	150.6
2	Cancer (malignant neoplasms)	2,276	142.1	136.3	148.0
3	Alzheimer's disease	1,120	69.9	65.9	74.1
4	COVID-19	984	61.4	57.6	65.4
5	Cerebrovascular diseases (stroke)	770	48.1	44.7	51.6
6	Chronic lower respiratory diseases	487	30.4	27.8	33.2
7	Accidents (unintentional injuries)	296	18.5	16.4	20.7
8	Diabetes mellitus	273	17.0	15.1	19.2
9	Influenza and pneumonia	223	13.9	12.2	15.9
10	Essential hypertension and hypertensive renal disease	198	12.4	10.7	14.2
	All other causes	2,182	136.2	130.6	142.1
	<b>Total deaths</b>	<b>11,125</b>			

Rank	Leading Causes of Death among Men	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,831	178.2	171.7	184.9
2	Cancer (malignant neoplasms)	2,391	150.5	144.5	156.6
3	COVID-19	1,454	91.5	86.9	96.3
4	Accidents (unintentional injuries)	821	51.7	48.2	55.3
5	Cerebrovascular diseases (stroke)	593	37.3	34.4	40.4
6	Alzheimer's disease	532	33.5	30.7	36.5
7	Diabetes mellitus	389	24.5	22.1	27.0
8	Chronic lower respiratory diseases	376	23.7	21.3	26.2
9	Influenza and pneumonia	280	17.6	15.6	19.8
10	Chronic liver disease and cirrhosis	271	17.1	15.1	19.2
	All other causes	2,331	146.7	140.8	152.8
	<b>Total deaths</b>	<b>12,269</b>			

Rank	Leading Causes of Death among Whites	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	3,452	260.3	251.7	269.2
2	Cancer (malignant neoplasms)	2,960	223.2	215.2	231.4
3	Alzheimer's disease	1,182	89.1	84.1	94.4
4	Cerebrovascular diseases (stroke)	837	63.1	58.9	67.5
5	COVID-19	762	57.5	53.5	61.7
6	Chronic lower respiratory diseases	671	50.6	46.8	54.6
7	Accidents (unintentional injuries)	629	47.4	43.8	51.3
8	Parkinsons disease	287	21.6	19.2	24.3
9	Influenza and pneumonia	278	21.0	18.6	23.6
10	Diabetes mellitus	255	19.2	16.9	21.7
	All other causes	2,744	206.9	199.3	214.8
	<b>Total deaths</b>	<b>14,057</b>			

Rank	Leading Causes of Death among Hispanics	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	COVID-19	1,113	98.0	92.4	104.0
2	Heart diseases	761	67.0	62.3	72.0
3	Cancer (malignant neoplasms)	737	64.9	60.3	69.8
4	Accidents (unintentional injuries)	325	28.6	25.6	31.9
5	Cerebrovascular diseases (stroke)	224	19.7	17.2	22.5
6	Alzheimer's disease	218	19.2	16.7	21.9
7	Diabetes mellitus	205	18.1	15.7	20.7
8	Chronic liver disease and cirrhosis	155	13.7	11.6	16.0
9	Nephritis, nephrotic syndrome and nephrosis	106	9.3	7.6	11.3
10	Influenza and pneumonia	84	7.4	5.9	9.2
	All other causes	814	71.7	66.9	76.8
	<b>Total deaths</b>	<b>4,742</b>			

Rank	Leading Causes of Death among Asians	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	853	147.0	137.3	157.2
2	Heart diseases	776	133.7	124.5	143.5
3	COVID-19	513	88.4	80.9	96.4
4	Cerebrovascular diseases (stroke)	268	46.2	40.8	52.0
5	Alzheimer's disease	220	37.9	33.1	43.3
6	Diabetes mellitus	171	29.5	25.2	34.2
7	Influenza and pneumonia	132	22.7	19.0	27.0
8	Accidents (unintentional injuries)	112	19.3	15.9	23.2
9	Chronic lower respiratory diseases	101	17.4	14.2	21.1
10	Essential hypertension and hypertensive renal disease	101	17.4	14.2	21.1
	All other causes	699	120.4	111.7	129.7
<b>Total deaths</b>		<b>3,946</b>			



Rank	Leading Causes of Death among Pacific Islanders	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	18	195.7*	116.0	309.3
2	COVID-19	17	184.9*	107.7	296.0
3	Cancer (malignant neoplasms)	15	163.1*	91.3	269.0
4	All other causes	74	804.7	631.9	1,010.2
<b>Total deaths</b>		<b>124</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

Rank	Leading Causes of Death among African Americans	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	93	190.1	153.4	232.8
2	Cancer (malignant neoplasms)	62	126.7	97.1	162.4
3	COVID-19	32	65.4	44.7	92.3
4	Accidents (unintentional injuries)	26	53.1	34.7	77.9
5	Diabetes mellitus	22	45.0	28.2	68.1
6	Alzheimer's disease	19	38.8	23.4	60.6
7	Cerebrovascular diseases (stroke)	15	30.7*	17.2	50.6
	All other causes	86	175.8	140.6	217.1
<b>Total deaths</b>		<b>355</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Infants Under 1 Year

Rank	Leading Causes of Death among Infants Under 1 Year	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Certain conditions originating in the perinatal period	44	125.2	91.0	168.1
2	Congenital malformations, deformations and chromosomal abnormalities	22	62.6	39.2	94.8
3	All other causes	20	56.9	34.8	87.9
<b>Total deaths</b>		<b>86</b>			

## Ages 1-17 Years

Rank	Leading Causes of Death among Ages 1-17 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	23	3.4	2.2	5.1
2	Cancer (malignant neoplasms)	15	2.2*	1.3	3.7
3	All other causes	42	6.3	4.5	8.5
<b>Total deaths</b>		<b>80</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Ages 18-44 Years

Rank	Leading Causes of Death among Ages 18-44 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	462	41.4	37.7	45.4
2	Cancer (malignant neoplasms)	131	11.8	9.8	13.9
3	Intentional self-harm (suicide)	114	10.2	8.4	12.3
4	Heart diseases	108	9.7	7.9	11.7
5	COVID-19	92	8.3	6.7	10.1
6	Chronic liver disease and cirrhosis	61	5.5	4.2	7.0
7	Assault (homicide)	39	3.5	2.5	4.8
8	Diabetes mellitus	19	1.7	1.0	2.7
9	Cerebrovascular diseases (stroke)	15	1.3*	0.8	2.2
	All other causes	183	16.4	14.1	19.0
<b>Total deaths</b>		<b>1,224</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Ages 45-64 Years

Rank	Leading Causes of Death among Ages 45-64 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	989	115.4	108.3	122.8
2	Heart diseases	676	78.9	73.0	85.0
3	COVID-19	564	65.8	60.5	71.5
4	Accidents (unintentional injuries)	336	39.2	35.1	43.6
5	Chronic liver disease and cirrhosis	210	24.5	21.3	28.0
6	Diabetes mellitus	157	18.3	15.6	21.4
7	Cerebrovascular diseases (stroke)	141	16.4	13.8	19.4
8	Intentional self-harm (suicide)	103	12.0	9.8	14.6
9	Chronic lower respiratory diseases	65	7.6	5.9	9.7
10	Nephritis, nephrotic syndrome and nephrosis	64	7.5	5.7	9.5
	All other causes	537	62.6	57.5	68.2
	<b>Total deaths</b>	<b>3,842</b>			

Rank	Leading Causes of Death among Ages 65 Years and Older	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	4,361	849.7	824.7	875.3
2	Cancer (malignant neoplasms)	3,532	688.2	665.7	711.3
3	COVID-19 (U07.1)	1,781	347.0	331.1	363.5
4	Alzheimer's disease	1,638	319.2	303.9	335.0
5	Cerebrovascular diseases (stroke)	1,206	235.0	221.9	248.6
6	Chronic lower respiratory diseases	793	154.5	143.9	165.7
7	Diabetes mellitus	486	94.7	86.5	103.5
8	Influenza and pneumonia	442	86.1	78.3	94.5
9	Parkinsons disease	388	75.6	68.3	83.5
10	Nephritis, nephrotic syndrome and nephrosis	331	64.5	57.7	71.8
	All other causes	3,204	624.3	602.9	646.3
	<b>Total deaths</b>	<b>18,162</b>			

# Leading Causes of Death

# 2021

Rank	Deaths	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	5,116	159.4	155.1	163.8
2	Cancer (malignant neoplasms)	4,723	147.8	143.6	152.1
3	COVID-19	3,466	108.5	104.9	112.1
4	Cerebrovascular diseases (stroke)	1,429	44.7	42.4	47.1
5	Accidents (unintentional injuries)	1,428	44.7	42.4	47.1
6	Alzheimer's disease	1,392	43.6	41.3	45.9
7	Chronic lower respiratory diseases	743	23.3	21.6	25.0
8	Diabetes mellitus	657	20.6	19.0	22.2
9	Chronic liver disease and cirrhosis	479	15.0	13.7	16.4
10	Essential hypertension and hypertensive renal disease	422	13.2	12.0	14.5
11	Influenza and pneumonia	421	13.2	11.9	14.5
	All other causes	4,583	143.4	139.3	147.6
	<b>Total deaths</b>	<b>24,859</b>			

# 2021

Female

Rank	Leading Causes of Death among Women	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,375	147.4	141.6	153.5
2	Cancer (malignant neoplasms)	2,317	143.8	138.0	149.8
3	Alzheimer's disease	897	55.7	52.1	59.5
4	COVID-19	1,320	81.9	77.6	86.5
5	Cerebrovascular diseases (stroke)	792	49.2	45.8	52.7
6	Chronic lower respiratory diseases	411	25.5	23.1	28.1
7	Accidents (unintentional injuries)	386	24.0	21.6	26.5
8	Diabetes mellitus	286	17.8	15.8	19.9
9	Influenza and pneumonia	180	11.2	9.6	12.9
10	Essential hypertension and hypertensive renal disease	217	13.5	11.7	15.4
	All other causes	2,412	149.7	143.8	155.8
	<b>Total deaths</b>	<b>11,593</b>			



Rank	Leading Causes of Death among Men	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	2,741	171.5	165.1	178.0
2	Cancer (malignant neoplasms)	2,406	150.5	144.6	156.7
3	COVID-19	2,146	134.3	128.6	140.1
4	Accidents (unintentional injuries)	1,042	65.2	61.3	69.3
5	Cerebrovascular diseases (stroke)	637	39.9	36.8	43.1
6	Alzheimer's disease	495	31.0	28.3	33.8
7	Diabetes mellitus	371	23.2	20.9	25.7
8	Chronic lower respiratory diseases	332	20.8	18.6	23.1
9	Chronic liver disease and cirrhosis	293	18.3	16.3	20.6
10	Intentional self-harm (suicide)	262	16.4	14.5	18.5
	All other causes	2,541	159.0	152.8	165.3
	<b>Total deaths</b>	<b>13,266</b>			

Rank	Leading Causes of Death among Whites	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	3,439	258.8	250.2	267.6
2	Cancer (malignant neoplasms)	2,921	219.8	211.9	227.9
3	COVID-19	1,191	89.6	84.6	94.9
4	Alzheimer's disease	984	74.0	69.5	78.8
5	Cerebrovascular diseases (stroke)	886	66.7	62.4	71.2
6	Accidents (unintentional injuries)	792	59.6	55.5	63.9
7	Chronic lower respiratory diseases	569	42.8	39.4	46.5
8	Diabetes mellitus	285	21.4	19.0	24.1
9	Parkinsons disease	281	21.1	18.7	23.8
10	Chronic liver disease and cirrhosis	246	18.5	16.3	21.0
11	Influenza and pneumonia	242	18.2	16.0	20.7
	All other causes	2,810	211.5	203.7	219.4
<b>Total deaths</b>		<b>14,646</b>			

White

Rank	Leading Causes of Death among Hispanics	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	COVID-19	1,423	124.2	117.8	130.8
2	Heart diseases	766	66.8	62.2	71.7
3	Cancer (malignant neoplasms)	762	66.5	61.8	71.4
4	Accidents (unintentional injuries)	437	38.1	34.6	41.9
5	Cerebrovascular diseases	212	18.5	16.1	21.2
6	Diabetes mellitus	188	16.4	14.1	18.9
7	Alzheimer's disease	186	16.2	14.0	18.7
8	Chronic liver disease and cirrhosis	181	15.8	13.6	18.3
9	Nephritis, nephrotic syndrome and nephrosis	89	7.8	6.2	9.6
10	Essential hypertension and hypertensive renal disease	83	7.2	5.8	9.0
	All other causes	959	83.7	78.5	89.1
	<b>Total deaths</b>	<b>5,286</b>			

Rank	Leading Causes of Death among Asians	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	904	155.1	145.1	165.5
2	COVID-19	759	130.2	121.1	139.8
3	Heart diseases	758	130.0	120.9	139.6
4	Cerebrovascular diseases (stroke)	291	49.9	44.3	56.0
5	Alzheimer's disease	200	34.3	29.7	39.4
6	Diabetes mellitus	148	25.4	21.5	29.8
7	Accidents (unintentional injuries)	120	20.6	17.1	24.6
8	Essential hypertension and hypertensive renal disease	104	17.8	14.6	21.6
9	Influenza and pneumonia	97	16.6	13.5	20.3
10	Chronic lower respiratory diseases	80	13.7	10.9	17.1
	All other causes	701	120.3	111.5	129.5
	<b>Total deaths</b>	<b>4,162</b>			

## Pacific Islander

Rank	Leading Causes of Death among Pacific Islanders	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	21	227.1	140.6	347.2
2	COVID-19	27	292.0	192.5	424.9
3	Cancer (malignant neoplasms)	19	205.5	123.7	320.9
4	All other causes	74	800.4	628.5	1,004.9
<b>Total deaths</b>		<b>141</b>			

Rank	Leading Causes of Death among African Americans	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	100	201.8	164.2	245.4
2	Cancer (malignant neoplasms)	84	169.5	135.2	209.8
3	COVID-19	56	113.0	85.4	146.7
4	Accidents (unintentional injuries)	46	92.8	68.0	123.8
5	Diabetes mellitus	26	52.5	34.3	76.9
6	Cerebrovascular diseases (stroke)	22	44.4	27.8	67.2
7	Essential hypertension and hypertensive renal disease	11	22.2*	11.1	39.7
	All other causes	105	211.9	173.3	256.5
<b>Total deaths</b>		<b>450</b>			

\*Rates shown may be unstable due to small numbers. Estimates for the next leading causes are unreliable and not shown.

## Infants Under 1 Year

Rank	Leading Causes of Death among Infants Under 1 Year	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Certain conditions originating in the perinatal period	55	161.5	121.7	210.3
2	Congenital malformations, deformations and chromosomal abnormalities	34	99.9	69.2	139.5
3	All other causes	22	64.6	40.5	97.8
<b>Total deaths</b>		<b>111</b>			

## Ages 1-17 Years

Rank	Leading Causes of Death among Ages 1-17 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	27	4.0	2.7	5.9
2	Cancer (malignant neoplasms)	27	4.0	2.7	5.9
3	All other causes	38	5.7	4.0	7.8
<b>Total deaths</b>		<b>92</b>			

## Ages 18-44 Years

Rank	Leading Causes of Death among Ages 18-44 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Accidents (unintentional injuries)	650	58.3	53.9	62.9
2	COVID-19	165	14.8	12.6	17.2
3	Intentional self-harm (suicide)	137	12.3	10.3	14.5
4	Cancer (malignant neoplasms)	130	11.7	9.7	13.8
5	Heart diseases	79	7.1	5.6	8.8
6	Chronic liver disease and cirrhosis	77	6.9	5.4	8.6
7	Assault (homicide)	52	4.7	3.5	6.1
8	Cerebrovascular diseases (stroke)	24	2.2	1.4	3.2
9	Diabetes mellitus	20	1.8	1.1	2.8
	All other causes	198	17.7	15.4	20.4
<b>Total deaths</b>		<b>1,532</b>			



## Ages of 45-64 Years

Rank	Leading Causes of Death among Ages 45-64 Years	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Cancer (malignant neoplasms)	1,007	117.6	110.4	125.1
2	COVID-19	900	105.1	98.3	112.2
3	Heart diseases	639	74.6	68.9	80.6
4	Accidents (unintentional injuries)	456	53.2	48.5	58.4
5	Chronic liver disease and cirrhosis	233	27.2	23.8	30.9
6	Diabetes mellitus	158	18.4	15.7	21.6
7	Cerebrovascular diseases (stroke)	156	18.2	15.5	21.3
8	Intentional self-harm (suicide)	113	13.2	10.9	15.9
9	Chronic lower respiratory diseases	45	5.3	3.8	7.0
10	Nephritis, nephrotic syndrome and nephrosis	47	5.5	4.0	7.3
	All other causes	556	64.9	59.6	70.5
	<b>Total deaths</b>	<b>4,310</b>			

## Ages 65 Years and Older

Rank	Leading Causes of Death among Ages 65 Years and Older	Number of Deaths	Crude Rate per 100,000 population	95% Confidence	
1	Heart diseases	4,396	822.3	798.2	847.0
2	Cancer (malignant neoplasms)	3,558	665.5	643.8	687.8
3	COVID-19	2,401	449.1	431.3	467.4
4	Alzheimer's disease	1,383	258.7	245.2	272.7
5	Cerebrovascular diseases (stroke)	1,249	233.6	220.9	247.0
6	Chronic lower respiratory diseases	692	129.4	120.0	139.5
7	Diabetes mellitus	479	89.6	81.8	98.0
8	Influenza and pneumonia	389	72.8	65.7	80.4
9	Parkinsons disease	387	72.4	65.4	80.0
10	Nephritis, nephrotic syndrome and nephrosis	334	62.5	56.0	69.5
	All other causes	3,540	662.2	640.5	684.4
	<b>Total deaths</b>	<b>18,808</b>			