Leading Causes of Death, by City 2017

Orange County, California

June 2019

Public Health Services and Health Policy, Research & Communications

OC health CARE AGENCY

Leading Causes of Death by City, 2017

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 for Orange County. 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 OC Dashboard at www.OCHealthierTogether.org/OCDashboard.

Population Source

Crude-rates were calculated based on California Department of Finance data sets downloaded August 2016.

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 or proportion is 25% or higher.

Suggested Citation

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Leading Causes of Death in Aliso Viejo, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100,000 Population
1. Cancer (malignant neoplasms)	50	99.2
2. Heart disease	31	61.5
3. Cerebrovascular disease (stroke)	11	37.7*
All other causes	72	142.9
Total Deaths	**164**	

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

Leading Causes of Death in Anaheim, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	545	152.9
2. Cancer (malignant neoplasm)	476	133.5
3. Alzheimer's disease	146	58.3
4. Cerebrovascular diseases (stroke)	140	41.0
5. Chronic lower respiratory diseases	127	39.3
6. Accidents (unintentional injuries)	121	35.6
7. Diabetes mellitus	94	26.4
8. Influenza and pneumonia	62	17.4
9. Chronic liver disease and cirrhosis	58	16.3
10. Essential hypertension and hypertensive renal disease	48	13.5
All other causes	421	118.1
Total Deaths	**2,238**	

Leading Causes of Death in Brea, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	66	147.4
2. Cancer (malignant neoplasms)	65	145.2
3. Chronic lower respiratory diseases	19	42.4
4. Alzheimer's disease	14	31.3*
4. Cerebrovascular disease (stroke)	14	31.3*
All other causes	69	154.1

Total Deaths 247

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

Leading Causes of Death in Buena Park, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	130	154.9
2. Cancer (malignant neoplasm)	126	150.1
3. Alzheimer's disease	37	44.1
4. Cerebrovascular diseases (stroke)	33	39.3
5. Chronic lower respiratory diseases	31	36.9
6. Accidents (unintentional injuries)	24	28.6
7. Influenza and pneumonia	19	22.6*
8. Essential hypertension and hypertensive renal disease	16	19.1*
9. Diabetes mellitus	15	17.9*
10. Nephritis, nephrotic syndrome and ne-phrosis	12	14.3*
All other causes	103	122.7
Total Deaths	**546**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in Costa Mesa, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasms)	177	153.9
2. Heart disease	160	139.1
3. Cerebrovascular disease (stroke)	62	53.9
4. Alzheimer's disease	53	46.1
5. Accidents (unintentional injuries)	41	35.6
6. Chronic lower respiratory diseases	29	25.2
7. Influenza and pneumonia	19	16.5*
8. Parkinson's disease	15	13.0*
9. Intentional self-harm (suicide)	14	12.2*
10. Diabetes mellitus	11	9.6*
All other causes	117	101.7
Total Deaths	698	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in Cypress, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	83	167.0
2. Cancer (malignant neoplasm)	72	144.9
3. Alzheimer's disease	33	66.4
4. Chronic lower respiratory diseases	18	36.2*
5. Accidents (unintentional injuries)	16	32.2*
6. Cerebrovascular diseases (stroke)	14	28.2*
All other causes	85	171.0
Total Deaths	321	

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

Leading Causes of Death in Dana Point, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	64	188.8
2. Cancer (malignant neoplasms)	62	182.9
3. Alzheimer's disease	28	82.6
4. Accidents (unintentional injuries)	18	53.1*
5. Chronic lower respiratory diseases	16	23.6*
6. Cerebrovascular disease (stroke)	14	41.3*
All other causes	67	197.7
Total Deaths	269	

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

Leading Causes of Death in Fountain Valley, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	144	253.0
2. Cancer (malignant neoplasm)	136	238.9
3. Alzheimer's disease	39	68.5
4. Cerebrovascular diseases (stroke)	29	51.0
5. Chronic lower respiratory diseases	25	43.9
6. Accidents (unintentional injuries)	18	31.6*
7. Diabetes mellitus	12	21.1*
8. Nephritis, nephrotic syndrome and nephrosis	11	19.3*
All other causes	128	224.9
Total Deaths	542	

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

Leading Causes of Death in Fullerton, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	245	170.7
2. Cancer (malignant neoplasms)	224	156.1
3. Cerebrovascular disease (stroke)	55	38.3
4. Alzheimer's disease	54	37.6
5. Chronic lower respiratory diseases	53	36.9
6. Accidents (unintentional injuries)	30	20.9
7. Influenza and pneumonia	28	19.5
8. Diabetes mellitus	18	12.5*
8. Essential hypertension and hypertensive renal disease	18	12.5*
10. Parkinson's disease	16	11.2*
All other causes	204	142.2
Total Deaths	**945**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in Garden Grove, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	268	151.6
2. Cancer (malignant neoplasm)	265	149.9
3. Cerebrovascular diseases (stroke)	85	48.1
4. Alzheimer's disease	64	36.2
5. Accidents (unintentional injuries)	60	33.9
6. Chronic lower respiratory diseases	59	33.4
7. Influenza and pneumonia	47	26.6
8. Diabetes mellitus	40	22.6
9. Essential hypertension and hypertensive renal disease	32	18.1
10. Nephritis, nephrotic syndrome and nephrosis	26	14.7
All other causes	241	136.3
Total Deaths	**1,187**	

Leading Causes of Death in Huntington Beach, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	373	184.7
2. Cancer (malignant neoplasms)	366	181.2
3. Cerebrovascular disease (stroke)	122	60.4
4. Alzheimer's disease	100	49.5
5. Accidents (unintentional injuries)	81	40.1
6. Chronic lower respiratory diseases	69	34.2
7. Influenza and pneumonia	42	20.8
8. Intentional self-harm (suicide)	35	17.3
9. Chronic liver disease and cirrhosis	33	16.3
10. Diabetes mellitus	26	12.9
All other causes	258	127.7
Total Deaths	**1,505**	

Leading Causes of Death in Irvine, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasm)	248	92.9
2. Heart disease	167	62.5
3. Cerebrovascular diseases (stroke)	62	23.2
4. Alzheimer's disease	44	16.5
5. Accidents (unintentional injuries)	43	16.1
6. Intentional self-harm (suicide)	28	10.5
7. Chronic lower respiratory diseases	26	9.7
8. Diabetes mellitus	19	7.1*
9. Parkinson's disease	16	6.0*
10. Essential hypertension and hypertensive renal disease	14	5.2*
All other causes	167	62.5
Total Deaths	**834**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in La Habra, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	108	172.9
2. Cancer (malignant neoplasms)	86	137.7
3. Alzheimer's disease	32	51.2
4. Cerebrovascular disease (stroke)	31	49.6
5. Chronic lower respiratory diseases	16	25.6*
5. Accidents (unintentional injuries)	16	25.6*
7. Diabetes mellitus	14	22.4*
7. Influenza and pneumonia	14	22.4*
9. Chronic liver disease and cirrhosis	12	19.2*
10. Essential hypertension and hypertensive renal disease	10	16.0*
All other causes	73	116.9
Total Deaths	**412**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in La Palma, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	35	219.7
2. Cancer (malignant neoplasm)	29	182.0
3. Alzheimer's disease	10	62.8*
All other causes	50	313.8
Total Deaths	**124**	

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

Leading Causes of Death in Laguna Beach, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasms)	51	219.4
2. Heart disease	38	163.5
3. Accidents (unintentional injuries)	11	47.3*
All other causes	62	266.7
Total Deaths	**162**	

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

Leading Causes of Death in Laguna Hills, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	74	232.5
2. Cancer (malignant neoplasm)	54	169.7
3. Alzheimer's disease	25	78.5
4. Cerebrovascular diseases	22	69.1
5. Nephritis, nephrotic syndrome and nephrosis	11*	34.6
All other causes	89	407.7
Total Deaths	**275**	

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

Leading Causes of Death in Laguna Niguel, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasms)	102	156.2
2. Heart disease	91	139.4
3. Alzheimer's disease	36	55.1
4. Cerebrovascular diseases	30	46.0
5. Chronic lower respiratory diseases	19	29.1*
6. Parkinson's disease	17	26.0*
7. Influenza and pneumonia	15	23.0*
7. Accidents (unintentional injuries)	15	23.0*
All other causes	86	131.7
Total Deaths	411	

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

Leading Causes of Death in Laguna Woods, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	191	1152.3
2. Cancer (malignant neoplasm)	144	868.8
3. Cerebrovascular diseases	61	368.0
4. Alzheimer's disease	44	265.5
5. Chronic lower respiratory diseases	26	156.9
6. Influenza and pneumonia	25	150.8
7. Nephritis, nephrotic syndrome and nephrosis	14	84.5*
8. Parkinson's disease	10	60.3*
8. Accidents (unintentional injuries)	10	60.3*
All other causes	94	567.1
Total Deaths	**619**	

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

Leading Causes of Death in Lake Forest, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasms)	115	137.9
2. Heart disease	101	121.1
3. Alzheimer's disease	32	38.4
4. Cerebrovascular diseases	28	33.6
5. Accidents (unintentional injuries)	22	26.4
6. Chronic lower respiratory diseases	20	24.0
7. Parkinson's disease	14	16.8*
All other causes	89	106.7

Total Deaths 421

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

Leading Causes of Death in Los Alamitos, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	60	505.9
2. Cancer (malignant neoplasm)	45	379.4
3. Alzheimer's disease	20	168.6
3. Cerebrovascular diseases	20	168.6
5. Chronic lower respiratory diseases	12	101.2*
All other causes	51	430.0

Total Deaths 208

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

Leading Causes of Death in Mission Viejo, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	211	219.8
2. Cancer (malignant neoplasm)	189	196.9
3. Alzheimer's disease	73	76.1
4. Cerebrovascular diseases	69	71.9
5. Chronic lower respiratory diseases	38	39.6
6. Accidents (unintentional injuries)	23	24.0
7. Diabetes mellitus	18	18.8*
7. Influenza and pneumonia	18	18.8*
9. Parkinson's disease	17	17.7*
10. Nephritis, nephrotic syndrome and nephrosis	16	16.7*
All other causes	161	167.7
Total Deaths	**833**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in Newport Beach, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	175	203.0
2. Cancer (malignant neoplasm)	152	176.3
3. Alzheimer's disease	64	74.2
4. Cerebrovascular diseases	39	45.2
5. Chronic lower respiratory diseases	38	44.1
6. Accidents (unintentional injuries)	29	33.6
7. Parkinson's disease	20	23.2
8. Influenza and pneumonia	17	19.7*
9. Chronic liver disease and cirrhosis	13	15.1*
9. Intentional self-harm (suicide)	13	15.1*
All other causes	132	153.1
Total Deaths	**692**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in Orange, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 population
1. Heart disease	231	163.9
2. Cancer (malignant neoplasm)	196	139.0
3. Alzheimer's disease	71	50.4
4. Cerebrovascular diseases	64	45.4
5. Chronic lower respiratory diseases	45	31.9
6. Accidents (unintentional injuries)	39	27.7
7. Diabetes mellitus	26	18.4
8. Chronic liver disease and cirrhosis	22	15.6
9. Influenza and pneumonia	21	14.9
10. Intentional self-harm (suicide)	19	13.5*
All other causes	188	133.4
Total Deaths	**922**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in Placentia, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 population
1. Heart disease	97	183.8
2. Cancer (malignant neoplasm)	96	181.9
3. Alzheimer's disease	22	41.7
4. Cerebrovascular diseases	20	37.9
5. Chronic lower respiratory diseases	18	34.1*
6. Accidents (unintentional injuries)	17	32.2*
All other causes	86	163.0
Total Deaths	356	

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

Leading Causes of Death in Rancho Santa Margarita, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasm)	51	103.5
2. Heart disease	44	89.3
3. Chronic lower respiratory diseases	16	32.5
4. Accidents (unintentional injuries)	12	24.3*
5. Alzheimer's disease	10	20.3*
5. Cerebrovascular diseases	10	20.3*
All other causes	48	97.4
Total Deaths	**191**	

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

Leading Causes of Death in San Clemente, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	104	160.0
2. Cancer (malignant neoplasm)	97	149.2
3. Alzheimer's disease	36	55.4
4. Accidents (unintentional injuries)	23	35.4
5. Chronic lower respiratory diseases	21	32.3
6. Cerebrovascular diseases	18	27.7*
7. Nephritis, nephrotic syndrome and ne-phrosis	12	18.5*
7. Intentional self-harm (suicide)	12	18.5*
All other causes	93	143.1
Total Deaths	**416**	

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

Leading Causes of Death in San Juan Capistrano, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasm)	70	191.1
2. Heart disease	61	166.6
3. Alzheimer's disease	26	117.4
4. Cerebrovascular diseases	18	71.0*
5. Chronic lower respiratory diseases	17	49.2*
6. Accidents (unintentional injuries)	16	46.4*
All other causes	95	259.4
Total Deaths	**303**	

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

Leading Causes of Death in Santa Ana, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	381	112.8
2. Cancer (malignant neoplasm)	352	104.2
3. Alzheimer's disease	109	32.3
4. Cerebrovascular diseases	104	30.8
5. Accidents (unintentional injuries)	92	27.2
6. Diabetes mellitus	68	20.1
7. Chronic lower respiratory diseases	62	18.4
8. Chronic liver disease and cirrhosis	57	16.9
9. Influenza and pneumonia	42	12.4
10. Essential hypertension and hypertensive renal disease	26	7.7
All other causes	318	94.1
Total Deaths	**1,612**	

Leading Causes of Death in Seal Beach, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	114	439.2
2. Cancer (malignant neoplasm)	112	431.5
3. Alzheimer's disease	53	204.2
4. Cerebrovascular diseases	38	146.4
5. Chronic lower respiratory diseases	30	115.6
6. Accidents (unintentional injuries)	14	53.9*
7. Influenza and pneumonia	13	50.1*
All other causes	108	416.0

Total Deaths 482

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

Leading Causes of Death in Stanton, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	53	134.2
2. Cancer (malignant neoplasm)	48	121.5
3. Cerebrovascular diseases	14	35.4*
3. Chronic lower respiratory diseases	14	35.4*
5. Accidents (unintentional injuries)	13	32.9*
All other causes	67	169.6

Total Deaths 209

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

Leading Causes of Death in Tustin, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Cancer (malignant neoplasm)	105	127.6
2. Heart disease	94	114.2
3. Cerebrovascular diseases	26	31.6
4. Accidents (unintentional injuries)	21	25.5
5. Chronic lower respiratory diseases	20	24.3
6. Alzheimer's disease	19	23.1*
7. Chronic liver disease and cirrhosis	15	18.2*
8. Diabetes mellitus	12	14.6*
9. Influenza and pneumonia	10	12.2*
All other causes	84	102.1

Total Deaths 406

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

Leading Causes of Death in Villa Park, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	13	218.7*
2. Cancer (malignant neoplasm)	12	201.9*
All other causes	33	975.8
Total Deaths	58	

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

Leading Causes of Death in Westminster, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	170	180.2
2. Cancer (malignant neoplasm)	161	170.6
3. Cerebrovascular diseases	47	49.8
4. Alzheimer's disease	45	47.7
5. Chronic lower respiratory diseases	41	43.5
6. Accidents (unintentional injuries)	29	30.7
7. Essential hypertension and hypertensive renal disease	26	27.6
8. Influenza and pneumonia	25	26.5
9. Diabetes mellitus	21	22.3
10. Nephritis, nephrotic syndrome and nephrosis	13	13.8*
All other causes	117	124.0
Total Deaths	**695**	

*Rates shown may be unstable due to small numbers.

Leading Causes of Death in Yorba Linda, 2017

Leading Causes of Death	Number of Deaths	Crude Rate per 100.000 Population
1. Heart disease	120	174.5
2. Cancer (malignant neoplasm)	110	159.9
3. Cerebrovascular diseases	38	55.3
4. Alzheimer's disease	34	49.4
5. Chronic lower respiratory diseases	21	30.5
5. Accidents (unintentional injuries)	21	30.5
7. Influenza and pneumonia	13	18.9*
7. Chronic liver disease and cirrhosis	13	18.9*
9. Nephritis, nephrotic syndrome and nephrosis	11	16.0*
All other causes	88	127.9

Total Deaths 469

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