

LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2009
Number and Percent of Deaths and Age-Specific Rates

Table 1. Age <1 year

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Congenital malformations, deformations and chromosomal abnormalities	45	22.6	96.3	161	24.1	114.1
2	Newborn affected by maternal complications of pregnancy	30	15.1	64.2	73	10.9	51.7
3	Disorders related to short gestation and low birthweight, not elsewhere classified	27	13.6	57.8	66	9.9	46.8
4	Sudden infant death syndrome	24	12.1	51.4	89	13.3	63.1
5	Newborn affected by complications of placenta, cord and membranes	13	6.5	*	60	9.0	42.5
6	Neonatal hemorrhage	6	3.0	*	23	3.4	16.3
7	Diseases of the circulatory system	6	3.0	*	16	2.4	*
8	Diseases of the blood & blood-forming organs and certain disorders of immune mechanism	4	2.0	*	6	0.9	*
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	44	22.1		175	26.2	
	TOTAL DEATHS	199	100.0	425.9	669	100.0	474.0

Table 2. Ages 1-4 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Accidents (unintentional injuries)	10	33.3	*	29	30.2	5.3
2	Congenital malformations, deformations and chromosomal abnormalities	5	16.7	*	16	16.7	*
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	15	50.0		51	53.1	
	TOTAL DEATHS	30	100.0	16.3	96	100.0	17.6

Table 3. Ages 5-14 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Malignant neoplasms (all cancers)	15	30.0	*	43	29.9	3.6
2	Accidents (unintentional injuries)	12	24.0	*	33	22.9	2.7
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	23	46.0		68	47.2	
	TOTAL DEATHS	50	100.0	12.4	144	100.0	12.0

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The categories used for infant (age<1 year) deaths are different than those used for all other age groups.

^b Cause of death is based on the underlying cause of death reported on death certificates as classified by ICD-10 codes.

^c All rates are per 100,000 population.

* Rate not calculated for fewer than 20 deaths in this category.

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files; SANDAG January 1 population estimates (2001-09 estimates released 2010)

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Table 4. Ages 15-24 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Accidents (unintentional injuries)	90	41.1	18.0	313	44.1	21.2
2	Intentional self-harm (suicide)	36	16.4	7.2	102	14.4	6.9
3	Assault (homicide)	26	11.9	5.2	88	12.4	6.0
4	Malignant neoplasms (all cancers)	18	8.2	*	59	8.3	4.0
5	Diseases of heart	9	4.1	*	16	2.3	*
6	Congenital malformations, deformations and chromosomal abnormalities	7	3.2	*	18	2.5	*
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	33	15.1		114	16.1	
	TOTAL DEATHS	219	100.0	43.9	710	100.0	48.1

Table 5. Ages 25-34 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Accidents (unintentional injuries)	103	33.9	22.6	322	35.0	23.7
2	Intentional self-harm (suicide)	50	16.4	11.0	144	15.6	10.6
3	Malignant neoplasms (all cancers)	36	11.8	7.9	102	11.1	7.5
4	Assault (homicide)	22	7.2	4.8	76	8.3	5.6
5	Diseases of heart	9	3.0	*	36	3.9	2.6
6	Cerebrovascular diseases	8	2.6	*	21	2.3	1.5
7	Influenza and pneumonia	8	2.6	*	9	1.0	*
8	Human immunodeficiency virus (HIV) disease	6	2.0	*	11	1.2	*
9	Diabetes mellitus	6	2.0	*	15	1.6	*
10	Chronic lower respiratory diseases	4	1.3	*	12	1.3	*
	All other causes	52	17		173	18.8	
	TOTAL DEATHS	304	100.0	66.7	921	100.0	67.8

Table 6. Ages 35-44 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Accidents (unintentional injuries)	129	24.1	28.4	361	21.1	26.4
2	Malignant neoplasms (all cancers)	120	22.4	26.4	351	20.6	25.6
3	Intentional self-harm (suicide)	52	9.7	11.5	194	11.4	14.2
4	Diseases of heart	51	9.5	11.2	169	9.9	12.3
5	Chronic liver disease and cirrhosis	23	4.3	5.1	84	4.9	6.1
6	Influenza and pneumonia	18	3.4	*	25	1.5	1.8
7	Cerebrovascular diseases	17	3.2	*	53	3.1	3.9
8	Human immunodeficiency virus (HIV) disease	16	3.0	*	62	3.6	4.5
9	Diabetes mellitus	10	1.9	*	33	1.9	2.4
10	Assault (homicide)	10	1.9	*	47	2.8	3.4
	All other causes	90	17		329	19.3	
	TOTAL DEATHS	536	100.0	118.0	1,708	100.0	124.7

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.

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Table 7. Ages 45-54 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Malignant neoplasms (all cancers)	407	28.4	90.6	1,197	27.8	90.4
2	Diseases of heart	232	16.2	51.6	712	16.5	53.8
3	Accidents (unintentional injuries)	176	12.3	39.2	558	12.9	42.1
4	Chronic liver disease and cirrhosis	101	7.0	22.5	293	6.8	22.1
5	Intentional self-harm (suicide)	89	6.2	19.8	254	5.9	19.2
6	Cerebrovascular diseases	56	3.9	12.5	170	3.9	12.8
7	Viral hepatitis	39	2.7	8.7	121	2.8	9.1
8	Diabetes mellitus	35	2.4	7.8	120	2.8	9.1
9	Chronic lower respiratory diseases	25	1.7	5.6	88	2.0	6.6
10	Human immunodeficiency virus (HIV) disease	23	1.6	5.1	87	2.0	6.6
	All other causes	252	17.6		711	16.5	
	TOTAL DEATHS	1,435	100.0	319.5	4,311	100.0	325.6

Table 8. Ages 55-64 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Malignant neoplasms (all cancers)	808	36.2	249.3	2,424	37.1	260.5
2	Diseases of heart	432	19.4	133.3	1,310	20.0	140.8
3	Accidents (unintentional injuries)	136	6.1	42.0	390	6.0	41.9
4	Chronic liver disease and cirrhosis	97	4.3	29.9	265	4.1	28.5
5	Diabetes mellitus	92	4.1	28.4	264	4.0	28.4
6	Chronic lower respiratory diseases	83	3.7	25.6	248	3.8	26.7
7	Cerebrovascular diseases	76	3.4	23.4	237	3.6	25.5
8	Intentional self-harm (suicide)	72	3.2	22.2	199	3.0	21.4
9	Viral hepatitis	39	1.7	12.0	105	1.6	11.3
10	Influenza and pneumonia	28	1.3	8.6	55	0.8	5.9
	All other causes	369	16.5		1,043	15.9	
	TOTAL DEATHS	2,232	100.0	688.7	6,540	100.0	702.8

Table 9. Ages 65-74 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Malignant neoplasms (all cancers)	1,046	38.6	579.1	3,168	38.4	605.6
2	Diseases of heart	603	22.2	333.8	1,780	21.6	340.3
3	Chronic lower respiratory diseases	158	5.8	87.5	525	6.4	100.4
4	Diabetes mellitus	127	4.7	70.3	355	4.3	67.9
5	Cerebrovascular diseases	120	4.4	66.4	390	4.7	74.6
6	Accidents (unintentional injuries)	64	2.4	35.4	192	2.3	36.7
7	Alzheimer's disease	46	1.7	25.5	132	1.6	25.2
8	Chronic liver disease and cirrhosis	39	1.4	21.6	154	1.9	29.4
9	Essential (primary) hypertension and hypertensive renal disease	28	1.0	15.5	73	0.9	14.0
10	Intentional self-harm (suicide)	28	1.0	15.5	74	0.9	14.1
	All other causes	454	16.7		1,400	17.0	
	TOTAL DEATHS	2,713	100.0	1,501.9	8,243	100.0	1,575.7

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.

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Table 10. Ages 75-84 years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Malignant neoplasms (all cancers)	1,341	28.0	1,066.3	4,250	27.9	1123.5
2	Diseases of heart	1,174	24.5	933.5	3,804	25.0	1005.6
3	Chronic lower respiratory diseases	338	7.1	268.8	1,109	7.3	293.2
4	Cerebrovascular diseases	324	6.8	257.6	989	6.5	261.4
5	Alzheimer's disease	279	5.8	221.8	930	6.1	245.8
6	Diabetes mellitus	154	3.2	122.5	475	3.1	125.6
7	Accidents (unintentional injuries)	89	1.9	70.8	261	1.7	69.0
8	Parkinson's disease	76	1.6	60.4	239	1.6	63.2
9	Influenza and pneumonia	75	1.6	59.6	244	1.6	64.5
10	Essential (primary) hypertension and hypertensive renal disease	65	1.4	51.7	206	1.4	54.5
	All other causes	871	18.2		2,707	17.8	
	TOTAL DEATHS	4,786	100.0	3,805.5	15,214	100.0	4,021.7

Table 11. Ages 85+ years

Rank ^a in 2009	Cause of Death ^b	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate ^c	Number of Deaths	%	Age-Specific Rate ^c
1	Diseases of heart	2,181	33.2	3,527.9	6,348	33.3	3632.2
2	Malignant neoplasms (all cancers)	942	14.3	1,523.7	2,655	13.9	1519.1
3	Alzheimer's disease	779	11.9	1,260.1	2,183	11.4	1249.1
4	Cerebrovascular diseases	475	7.2	768.3	1,446	7.6	827.4
5	Chronic lower respiratory diseases	339	5.2	548.3	1,013	5.3	579.6
6	Essential (primary) hypertension and hypertens	155	2.4	250.7	427	2.2	244.3
7	Influenza and pneumonia	140	2.1	226.5	501	2.6	286.7
8	Accidents (unintentional injuries)	138	2.1	223.2	403	2.1	230.6
9	Diabetes mellitus	128	1.9	207.0	381	2.0	218.0
10	Parkinson's disease	81	1.2	131.0	275	1.4	157.3
	All other causes	1,211	18.4		3,443	18.0	
	TOTAL DEATHS	6,569	100.0	10,625.7	19,075	100.0	10,914.3

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