LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY RACE/ETHNICITY, 2008

Number and Percent of Deaths and Age-adjusted Rates

COUNTY-WIDE RANK in 2008[a]	CAUSE OF DEATH[b]	NUMBER AND PERCENT OF DEATH								AGE-ADJUSTED RATES[c]				
		HISPANIC (ANY RACE)		WHITE NON-HISPANIC		BLACK NON-HISPANIC		ASIAN NON-HISPANIC		RACE/ETHNICITY				SAN DIEGO COUNTY
		number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%	HISPANIC (ANY RACE)	WHITE NON-HISPANIC	BLACK NON-HISPANIC	ASIAN NON-HISPANIC	
1	Diseases of heart	519	19.6	3,707	25.6	213	23.5	237	22.4	125.8	155.1	210.2	87.3	146.9
2	Malignant neoplasms	624	23.6	3,481	24.1	230	25.4	331	31.3	135.5	165.2	207.6	111.6	155.0
3	Alzheimer's disease	92	3.5	976	6.7	32	3.5	33	3.1	25.0	37.7	38.6	13.3	33.9
4	Cerebrovascular diseases	159	6.0	809	5.6	51	5.6	82	7.8	37.2	33.8	48.5	29.9	34.9
5	Chronic lower respiratory diseases	88	3.3	878	6.1	26	2.9	34	3.2	21.1	39.6	25.6	12.4	33.7
6	Accidents (unintentional injuries)	183	6.9	621	4.3	42	4.6	46	4.3	25.3	33.1	28.1	15.2	29.0
7	Diabetes mellitus	129	4.9	333	2.3	44	4.9	48	4.5	30.8	15.2	42.5	17.1	18.4
8	Intentional self-harm (suicide)	46	1.7	282	1.9	8	0.9	16	1.5	5.4	15.9	*	*	11.3
9	Influenza and pneumonia	46	1.7	255	1.8	10	1.1	19	1.8	11.4	10.1	*	*	10.2
10	Chronic liver disease and cirrhosis	80	3.0	219	1.5	12	1.3	9	0.9	14.3	11.4	*	*	10.9
11	Essential (primary) hypertension and hypertensive renal disease	31	1.2	217	1.5	13	1.4	10	0.9	7.7	8.5	*	*	8.3
12	Parkinson's disease	18	0.7	187	1.3	6	0.7	8	0.8	*	8.0	*	*	7.1
13	Nephritis, nephrotic syndrome and nephrosis	29	1.1	121	0.8	13	1.4	15	1.4	7.0	5.2	*	*	5.8
14	Neoplasms - in situ, benign or unk behavior	17	0.6	97	0.7	5	0.6	6	0.6	*	4.4	*	*	4.1
15	Viral hepatitis	40	1.5	56	0.4	6	0.7	13	1.2	7.1	2.7	*	*	3.8
	All Other Cause	542	20.5	2,234	15.4	194	21.4	151	14.3					
	TOTAL DEATHS:	**2,643**	**100.0**	**14,473**	**100.0**	**905**	**100.0**	**1,058**	**100.0**	**558.6**	**648.3**	**822.4**	**376.8**	**612.5**

[a] Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The top 15 leading causes of death presented here are based on the county-wide rank among San Diego residents in 2008.

[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 and are adjusted to 2000 U.S. Standard Population.

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

Race/ethnicity data may be different from previously published data due to modifications in the collecting, reporting and coding of racial and ethnic status.

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 (Original Estimates 2009_Revised 2001-2008)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunizations Services, 4/19/2010

LEADING CAUSES OF DEATH IN EACH RACIAL/ETHNIC GROUP, SAN DIEGO COUNTY, 2008
Number and Percent of Deaths, Crude Rates and Age-adjusted Rates

Table 1. American Indian and Alaska Native (non-Hispanic)

Rank[a] in 2008	Cause of Death[b]	2008				2006-2008			
		Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]	Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]
1	Diseases of heart	18	22.2	*	*	48	19.0	98.5	134.2
2	Accidents (unintentional injuries)	14	17.3	*	*	34	13.5	69.8	67.3
3	Malignant neoplasms (all cancers)	13	16.0	*	*	42	16.7	86.2	114.3
4	Chronic liver disease and cirrhosis	6	7.4	*	*	13	5.2	*	*
5	Cerebrovascular diseases	4	4.9	*	*	13	5.2	*	*
	Causes of fewer than 4 deaths are not listed								
	All other causes	26	32			102	40		
	TOTAL DEATHS	**81**	**100.0**	**488.8**	**587.8**	**252**	**100.0**	**517.0**	**653.9**

Table 2. Asian (non-Hispanic)

Rank[a] in 2008	Cause of Death[b]	2008				2006-2008			
		Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]	Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]
1	Malignant neoplasms (all cancers)	331	31.3	105.1	111.6	959	30.7	103.7	115.5
2	Diseases of heart	237	22.4	75.3	87.3	705	22.5	76.3	94.3
3	Cerebrovascular diseases	82	7.8	26.0	29.9	265	8.5	28.7	34.5
4	Diabetes mellitus	48	4.5	15.2	17.1	136	4.3	14.7	17.5
5	Accidents (unintentional injuries)	46	4.3	14.6	15.2	133	4.3	14.4	15.7
6	Chronic lower respiratory diseases	34	3.2	10.8	12.4	116	3.7	12.5	15.6
7	Alzheimer's disease	33	3.1	10.5	13.3	68	2.2	7.4	10.2
8	Influenza and pneumonia	19	1.8	*	*	63	2.0	6.8	9.0
9	Intentional self-harm (suicide)	16	1.5	*	*	56	1.8	6.1	5.7
10	Nephritis, nephrotic syndrome and nephrosis	15	1.4	*	*	44	1.4	4.8	5.7
	All other causes	197	19			582	18.6		
	TOTAL DEATHS	**1,058**	**100.0**	**335.9**	**376.8**	**3,127**	**100.0**	**338.3**	**399.7**

Table 3. Black (non-Hispanic)

Rank[a] in 2008	Cause of Death[b]	2008				2006-2008			
		Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]	Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]
1	Malignant neoplasms (all cancers)	230	25.4	139.4	207.6	647	24.0	132.4	205.4
2	Diseases of heart	213	23.5	129.1	210.2	664	24.6	135.9	223.5
3	Cerebrovascular diseases	51	5.6	30.9	48.5	132	4.9	27.0	44.6
4	Diabetes mellitus	44	4.9	26.7	42.5	144	5.3	29.5	49.0
5	Accidents (unintentional injuries)	42	4.6	25.5	28.1	152	5.6	31.1	33.4
6	Alzheimer's disease	32	3.5	19.4	38.6	88	3.3	18.0	38.1
7	Chronic lower respiratory diseases	26	2.9	15.8	25.6	83	3.1	17.0	27.1
8	Assault (homicide)	22	2.4	13.3	11.8	75	2.8	15.3	14.0
9	Certain conditions orginating in the perinatal period	14	1.5	*	*	40	1.5	8.2	8.0
10	Essential (primary) hypertension and hypertensive renal disease	13	1.4	*	*	52	1.9	10.6	17.5
	All other causes	218	24			619	23.0		
	TOTAL DEATHS	**905**	**100.0**	**548.5**	**822.4**	**2,696**	**100.0**	**551.7**	**844.1**

[a] *Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.*
[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; age-adjusted rates are adjusted to 2000 U.S. Standard 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 (Original Estimates 2009_Revised 2001-2008)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunizations Services, 4/19/2010

LEADING CAUSES OF DEATH IN EACH RACIAL/ETHNIC GROUP, SAN DIEGO COUNTY, 2008
Number and Percent of Deaths, Crude Rates and Age-adjusted Rates

Table 4. Hawaiian and Other Pacific Islander (non-Hispanic)

Rank[a] in 2008	Cause of Death[b]	2008				2006-2008			
		Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]	Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]
1	Diseases of heart	26	30	175	278	67	28.2	154.6	252.0
2	Malignant neoplasms (all cancers)	15	17	*	*	58	24.4	133.8	212.7
3	Accidents (unintentional injuries)	9	10	*	*	15	6.3	*	*
4	Cerebrovascular diseases	8	9	*	*	19	8.0	*	*
5	Diabetes mellitus	7	8	*	*	14	5.9	*	*
	Causes of fewer than 4 deaths are not listed								
	All other causes	23	26			65	27		
	TOTAL DEATHS	**88**	**100.0**	**591.3**	**928.6**	**238**	**100.0**	**549.1**	**875.7**

Table 5. Hispanic (any race)

Rank[a] in 2008	Cause of Death[b]	2008				2006-2008			
		Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]	Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]
1	Malignant neoplasms (all cancers)	624	23.6	66.7	135.5	1,838	23.9	67.0	137.9
2	Diseases of heart	519	19.6	55.5	125.8	1,522	19.8	55.5	131.3
3	Accidents (unintentional injuries)	183	6.9	19.6	25.3	584	7.6	21.3	27.3
4	Cerebrovascular diseases	159	6.0	17.0	37.2	485	6.3	17.7	40.0
5	Diabetes mellitus	129	4.9	13.8	30.8	360	4.7	13.1	30.2
6	Alzheimer's disease	92	3.5	9.8	25.0	228	3.0	8.3	22.3
7	Chronic lower respiratory diseases	88	3.3	9.4	21.1	221	2.9	8.1	19.4
8	Chronic liver disease and cirrhosis	80	3.0	8.5	14.3	208	2.7	7.6	12.9
9	Certain conditions orginating in the perinatal period	55	2.1	5.9	3.8	154	2.0	5.6	3.6
10	Influenza and pneumonia	46	1.7	4.9	11.4	126	1.6	4.6	11.1
	All other causes	668	25			1,977	25.7		
	TOTAL DEATHS	**2,643**	**100.0**	**282.4**	**558.6**	**7,703**	**100**	**281.0**	**568.1**

Table 6. White (non-Hispanic)

Rank[a] in 2008	Cause of Death[b]	2008				2006-2008			
		Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]	Number of Deaths	%	Crude Rate[c]	Age-adjusted Rate[c]
1	Diseases of heart	3,707	25.6	235.6	155.1	11,225	25.9	238.4	161.3
2	Malignant neoplasms (all cancers)	3,481	24.1	221.3	165.2	10,529	24.3	223.7	169.0
3	Alzheimer's disease	976	6.7	62.0	37.7	2,778	6.4	59.0	36.7
4	Chronic lower respiratory diseases	878	6.1	55.8	39.6	2,640	6.1	56.1	40.3
5	Cerebrovascular diseases	809	5.6	51.4	33.8	2,453	5.7	52.1	35.1
6	Accidents (unintentional injuries)	621	4.3	39.5	33.1	1,881	4.3	40.0	34.0
7	Diabetes mellitus	333	2.3	21.2	15.2	1,015	2.3	21.6	15.9
8	Intentional self-harm (suicide)	282	1.9	17.9	15.9	784	1.8	16.7	14.7
9	Influenza and pneumonia	255	1.8	16.2	10.1	782	1.8	16.6	10.7
10	Chronic liver disease and cirrhosis	219	1.5	13.9	11.4	604	1.4	12.8	10.5
	All other causes	2,912	20			8,631	19.9		
	TOTAL DEATHS	**14,473**	**100.0**	**920.0**	**648.3**	**43,322**	**100**	**920.2**	**661.0**

[a] Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories.
[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; age-adjusted rates are adjusted to 2000 Standard U.S. Population.
** Rate not calculated for fewer than 20 deaths in this category.*

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