

## **Leading Causes of Death Among San Diego County Residents, 2008**

Tables include the top 15 leading causes of death among residents in San Diego County, grouped by total residents, sex, race/ethnicity, region, and age.

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Source: California Department of Health Services, Death Statistical Master Files; SANDAG January 1 population estimates

*Prepared by Epidemiology & Immunizations Services Branch, Public Health Services, Health & Human Services Agency, County of San Diego*

## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS, 2006-2008

Rank, Number and Percent of Deaths, and Age-adjusted Rates

RANK in 2008 <sup>a</sup>	RANK in 2007 <sup>a</sup>	CAUSE OF DEATH <sup>b</sup>	NUMBER AND PERCENT OF DEATHS						2006-2008		AGE-ADJUSTED RATES <sup>c</sup>		
			2006		2007		2008		n	%	2006	2007	2008
			n	%	n	%	n	%					
1	2	Diseases of heart	4,830	25.1	4,743	24.8	4,752	24.5	14,325	24.8	160.6	152.4	146.9
2	1	Malignant neoplasms	4,638	24.1	4,812	25.1	4,715	24.3	14,165	24.5	160.4	162.6	155.0
3	5	Alzheimer's disease	1,030	5.3	1,019	5.3	1,142	5.9	3,191	5.5	33.1	31.5	33.9
4	3	Cerebrovascular diseases	1,147	6.0	1,122	5.9	1,121	5.8	3,390	5.9	38.3	36.2	34.9
5	4	Chronic lower respiratory diseases	1,046	5.4	1,023	5.3	1,044	5.4	3,113	5.4	35.9	34.1	33.7
6	6	Accidents (unintentional injuries)	924	4.8	995	5.2	932	4.8	2,851	4.9	29.9	31.5	29.0
7	7	Diabetes mellitus	612	3.2	520	2.7	571	2.9	1,703	2.9	21.2	17.5	18.4
8	8	Intentional self-harm (suicide)	290	1.5	358	1.9	359	1.8	1,007	1.7	9.5	11.6	11.3
9	10	Influenza and pneumonia	391	2.0	292	1.5	338	1.7	1,021	1.8	12.9	9.1	10.2
10	9	Chronic liver disease and cirrhosis	252	1.3	315	1.6	334	1.7	901	1.6	8.5	10.4	10.9
11	11	Essential (primary) hypertension and hypertensive renal disease	283	1.5	233	1.2	276	1.4	792	1.4	9.3	7.4	8.3
12	12	Parkinson's disease	235	1.2	203	1.1	221	1.1	659	1.1	7.9	6.5	7.1
13	13	Nephritis, nephrotic syndrome and nephrosis	192	1.0	189	1.0	182	0.9	563	1.0	6.5	6.3	5.8
14	20	Neoplasms - in situ, benign or of unknown behavior	103	0.5	100	0.5	126	0.6	329	0.6	3.5	3.3	4.1
15	18	Viral hepatitis	69	0.4	103	0.5	120	0.6	292	0.5	2.3	3.3	3.8
		All Other Causes	3,224	16.7	3,130	16.3	3,175	16.4	9,529	16.5			
		<b>TOTAL DEATHS</b>	<b>19,266</b>	<b>100.0</b>	<b>19,157</b>	<b>100.0</b>	<b>19,408</b>	<b>100.0</b>	<b>57,831</b>	<b>100.0</b>	<b>646.1</b>	<b>624.6</b>	<b>612.5</b>

<sup>a</sup> 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 County residents in 2008.

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

<sup>c</sup> All rates are per 100,000 population and are adjusted to 2000 U.S. Standard Population. Rates may vary slightly from previously published data due to updated population estimates.

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, 04/19/2010

## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY SEX, 2008

Number and Percent of Deaths and Age-adjusted Rates

COUNTY-WIDE RANK in 2008 <sup>a</sup>	CAUSE OF DEATH <sup>b</sup>	NUMBER AND PERCENT OF DEATHS				AGE-ADJUSTED RATES <sup>c</sup>		
		MALE		FEMALE		MALE	FEMALE	SAN DIEGO COUNTY
		number of deaths	%	number of deaths	%			
1	Diseases of heart	2,418	24.6	2,334	24.4	179.3	120.5	146.9
2	Malignant neoplasms	2,521	25.6	2,194	22.9	188.8	129.3	155.0
3	Alzheimer's disease	350	3.6	792	8.3	26.3	38.9	33.9
4	Cerebrovascular diseases	464	4.7	657	6.9	34.6	34.4	34.9
5	Chronic lower respiratory diseases	471	4.8	573	6.0	35.8	32.0	33.7
6	Accidents (unintentional injuries)	607	6.2	325	3.4	39.2	18.9	29.0
7	Diabetes mellitus	304	3.1	267	2.8	22.5	15.2	18.4
8	Intentional self-harm (suicide)	273	2.8	86	0.9	17.6	5.5	11.3
9	Influenza and pneumonia	161	1.6	177	1.9	11.9	9.0	10.2
10	Chronic liver disease and cirrhosis	214	2.2	120	1.3	14.7	7.4	10.9
11	Essential (primary) hypertension and hypertensive renal disease	103	1.0	173	1.8	7.6	8.6	8.3
12	Parkinson's disease	146	1.5	75	0.8	11.5	3.9	7.1
13	Nephritis, nephrotic syndrome and nephrosis	87	0.9	95	1.0	6.5	5.2	5.8
14	Neoplasms - in situ, benign or unk behavior	70	0.7	56	0.6	5.4	3.0	4.1
15	Viral hepatitis	77	0.8	43	0.4	5.3	2.6	3.8
	All Other Causes	1,578	16.0	1,597	16.7			
	<b>TOTAL DEATHS:</b>	<b>9,844</b>	<b>100.0</b>	<b>9,564</b>	<b>100.0</b>	<b>719.6</b>	<b>522.1</b>	<b>612.5</b>

<sup>a</sup> 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 County residents in 2007.

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

<sup>c</sup> 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.

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 AMONG MALES AND FEMALES, SAN DIEGO COUNTY, 2008**  
**Number and Percent of Deaths, Crude Rates and Age-adjusted Rates**

**Table 1. Males**

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	2,521	25.6	161.3	188.8
2	Diseases of heart	2,418	24.6	154.7	179.3
3	Accidents (unintentional injuries)	607	6.2	38.8	39.2
4	Chronic lower respiratory diseases	471	4.8	30.1	35.8
5	Cerebrovascular diseases	464	4.7	29.7	34.6
6	Alzheimer's disease	350	3.6	22.4	26.3
7	Diabetes mellitus	304	3.1	19.4	22.5
8	Intentional self-harm (suicide)	273	2.8	17.5	17.6
9	Chronic liver disease and cirrhosis	214	2.2	13.7	14.7
10	Influenza and pneumonia	161	1.6	10.3	11.9
	All other causes	2,061	21		
	<b>TOTAL DEATHS</b>	<b>9,844</b>	<b>100.0</b>	<b>629.7</b>	<b>719.6</b>

**Table 2. Females**

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Diseases of heart	2,334	24.4	148.8	120.5
2	Malignant neoplasms (all cancers)	2,194	22.9	139.9	129.3
3	Alzheimer's disease	792	8.3	50.5	38.9
4	Cerebrovascular diseases	657	6.9	41.9	34.4
5	Chronic lower respiratory diseases	573	6.0	36.5	32.0
6	Accidents (unintentional injuries)	325	3.4	20.7	18.9
7	Diabetes mellitus	267	2.8	17.0	15.2
8	Influenza and pneumonia	177	1.9	11.3	9.0
9	Essential (primary) hypertension and hypertensive renal disease	173	1.8	11.0	8.6
10	Chronic liver disease and cirrhosis	120	1.3	7.7	7.4
	All other causes	1,952	20		
	<b>TOTAL DEATHS</b>	<b>9,564</b>	<b>100.0</b>	<b>609.8</b>	<b>522.1</b>

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

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

<sup>c</sup> All rates are per 100,000 population; age-adjusted rates are adjusted to 2000 U.S. Standard Population.

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 AMONG SAN DIEGO COUNTY RESIDENTS BY RACE/ETHNICITY, 2008**

Number and Percent of Deaths and Age-adjusted Rates

COUNTY-WIDE RANK in 2008 <sup>a</sup>	CAUSE OF DEATH <sup>b</sup>	NUMBER AND PERCENT OF DEATH								AGE-ADJUSTED RATES <sup>c</sup>				
		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					
	<b>TOTAL DEATHS:</b>	<b>2,643</b>	<b>100.0</b>	<b>14,473</b>	<b>100.0</b>	<b>905</b>	<b>100.0</b>	<b>1,058</b>	<b>100.0</b>	<b>558.6</b>	<b>648.3</b>	<b>822.4</b>	<b>376.8</b>	<b>612.5</b>

<sup>a</sup> 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 County residents in 2008.

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

<sup>c</sup> 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 <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008				2006-2008			
		Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
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	*	*
	<i>Causes of fewer than 4 deaths are not listed</i>								
	All other causes	26	32			102	40		
	<b>TOTAL DEATHS</b>	<b>81</b>	<b>100.0</b>	<b>488.8</b>	<b>587.8</b>	<b>252</b>	<b>100.0</b>	<b>517.0</b>	<b>653.9</b>

**Table 2. Asian (non-Hispanic)**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008				2006-2008			
		Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
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		
	<b>TOTAL DEATHS</b>	<b>1,058</b>	<b>100.0</b>	<b>335.9</b>	<b>376.8</b>	<b>3,127</b>	<b>100.0</b>	<b>338.3</b>	<b>399.7</b>

**Table 3. Black (non-Hispanic)**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008				2006-2008			
		Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
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 originating 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		
	<b>TOTAL DEATHS</b>	<b>905</b>	<b>100.0</b>	<b>548.5</b>	<b>822.4</b>	<b>2,696</b>	<b>100.0</b>	<b>551.7</b>	<b>844.1</b>

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

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

<sup>c</sup> 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 <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008				2006-2008			
		Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
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	*	*
	<i>Causes of fewer than 4 deaths are not listed</i>								
	All other causes	23	26			65	27		
	<b>TOTAL DEATHS</b>	<b>88</b>	<b>100.0</b>	<b>591.3</b>	<b>928.6</b>	<b>238</b>	<b>100.0</b>	<b>549.1</b>	<b>875.7</b>

**Table 5. Hispanic (any race)**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008				2006-2008			
		Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
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 originating 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		
	<b>TOTAL DEATHS</b>	<b>2,643</b>	<b>100.0</b>	<b>282.4</b>	<b>558.6</b>	<b>7,703</b>	<b>100</b>	<b>281.0</b>	<b>568.1</b>

**Table 6. White (non-Hispanic)**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008				2006-2008			
		Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
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		
	<b>TOTAL DEATHS</b>	<b>14,473</b>	<b>100.0</b>	<b>920.0</b>	<b>648.3</b>	<b>43,322</b>	<b>100</b>	<b>920.2</b>	<b>661.0</b>

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

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

<sup>c</sup> 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.

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 AMONG SAN DIEGO COUNTY RESIDENTS BY HHSA REGION†, 2008

Number and Percent of Deaths

COUNTY-WIDE RANK in 2008 <sup>a</sup>	CAUSE OF DEATH <sup>b</sup>	REGION <sup>†</sup>											
		N. Coastal		N. Central		Central		South		East		N. Inland	
		number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%
1	Diseases of heart	853	27.0	853	24.6	626	23.5	630	24.5	924	25.0	831	22.7
2	Malignant neoplasms	764	24.2	889	25.6	614	23.1	661	25.7	847	23.0	915	25.0
3	Alzheimer's disease	191	6.0	214	6.2	87	3.3	105	4.1	255	6.9	287	7.8
4	Cerebrovascular diseases	213	6.7	186	5.4	147	5.5	148	5.7	205	5.6	211	5.8
5	Chronic lower respiratory diseases	174	5.5	169	4.9	127	4.8	120	4.7	237	6.4	214	5.8
6	Accidents (unintentional injuries)	136	4.3	147	4.2	144	5.4	111	4.3	186	5.0	169	4.6
7	Diabetes mellitus	76	2.4	80	2.3	107	4.0	104	4.0	108	2.9	95	2.6
8	Intentional self-harm (suicide)	70	2.2	71	2.0	55	2.1	41	1.6	66	1.8	49	1.3
9	Influenza and pneumonia	56	1.8	63	1.8	64	2.4	46	1.8	48	1.3	58	1.6
10	Chronic liver disease and cirrhosis	41	1.3	54	1.6	62	2.3	56	2.2	69	1.9	47	1.3
11	Essential (primary) hypertension and hypertensive renal disease	50	1.6	52	1.5	31	1.2	26	1.0	57	1.5	58	1.6
12	Parkinson's disease	41	1.3	48	1.4	27	1.0	16	0.6	35	0.9	52	1.4
13	Nephritis, nephrotic syndrome and nephrosis	21	0.7	23	0.7	31	1.2	33	1.3	39	1.1	31	0.8
14	Neoplasms - in situ, benign or unk behavior	24	0.8	28	0.8	12	0.5	17	0.7	17	0.5	27	0.7
15	Viral hepatitis	10	0.3	9	0.3	26	1.0	31	1.2	21	0.6	23	0.6
	All Other Causes	443	14.0	586	16.9	500	18.8	429	16.7	575	15.6	594	16.2
	<b>TOTAL DEATHS:</b>	<b>3,163</b>	<b>100.0</b>	<b>3,472</b>	<b>100.0</b>	<b>2,660</b>	<b>100.0</b>	<b>2,574</b>	<b>100.0</b>	<b>3,689</b>	<b>100.0</b>	<b>3,661</b>	<b>100.0</b>

<sup>a</sup> 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 County residents in 2008.

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

<sup>†</sup> HHSA Regions were created by grouping contiguous zip codes.

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 AMONG SAN DIEGO COUNTY RESIDENTS BY HHSA REGION†, 2008

Age-adjusted Rates

COUNTY-WIDE RANK in 2008 <sup>a</sup>	CAUSE OF DEATH <sup>b</sup>	AGE-ADJUSTED RATES <sup>c</sup>						SAN DIEGO COUNTY
		REGION <sup>†</sup>						
		N. Coastal	N. Central	Central	South	East	N. Inland	
1	Diseases of heart	143.1	125.8	162.9	154.9	184.7	121.0	146.9
2	Malignant neoplasms	142.3	139.8	163.4	162.3	176.3	152.0	155.0
3	Alzheimer's disease	30.5	30.6	22.6	25.5	50.0	38.9	33.9
4	Cerebrovascular diseases	36.1	27.2	39.2	36.3	41.6	31.1	34.9
5	Chronic lower respiratory diseases	31.5	25.8	34.6	29.8	49.4	33.5	33.7
6	Accidents (unintentional injuries)	24.0	22.8	31.8	25.2	37.5	27.6	29.0
7	Diabetes mellitus	13.6	12.1	28.0	25.7	22.4	15.1	18.4
8	Intentional self-harm (suicide)	12.4	10.9	11.7	9.5	13.8	8.5	11.3
9	Influenza and pneumonia	8.8	9.1	17.4	11.3	9.5	7.6	10.2
10	Chronic liver disease and cirrhosis	7.8	8.5	14.5	13.5	14.2	8.0	10.9
11	Essential (primary) hypertension and hypertensive renal disease	7.8	7.5	8.1	6.3	11.0	8.2	8.3
12	Parkinson's disease	6.8	7.5	7.3	*	7.5	7.9	7.1
13	Nephritis, nephrotic syndrome and nephrosis	3.6	3.5	8.3	8.1	7.9	4.8	5.8
14	Neoplasms - in situ, benign or unk behavior	4.4	4.4	*	*	*	4.3	4.1
15	Viral hepatitis	*	*	6.5	7.4	3.9	3.8	3.8
	<b>TOTAL DEATHS:</b>	<b>551.6</b>	<b>526.7</b>	<b>680.4</b>	<b>624.7</b>	<b>750.7</b>	<b>563.9</b>	<b>612.5</b>

<sup>a</sup> 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 County residents in 2008.

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

<sup>†</sup> HHSA Regions were created by grouping contiguous zip codes.

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

<sup>†</sup> HHSA Regions were created by grouping contiguous zip codes.

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 HHSA REGION†, SAN DIEGO COUNTY, 2008**  
**Number and Percent of Deaths, Crude Rates and Age-adjusted Rates**

**Table 1. North Coastal Region**

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Diseases of heart	853	27.0	157.5	143.1
2	Malignant neoplasms (all cancers)	764	24.2	141.1	142.3
3	Cerebrovascular diseases	213	6.7	39.3	36.1
4	Alzheimer's disease	191	6.0	35.3	30.5
5	Chronic lower respiratory diseases	174	5.5	32.1	31.5
6	Accidents (unintentional injuries)	136	4.3	25.1	24.0
7	Diabetes mellitus	76	2.4	14.0	13.6
8	Intentional self-harm (suicide)	70	2.2	12.9	12.4
9	Influenza and pneumonia	56	1.8	10.3	8.8
10	Essential (primary) hypertension and hypertensive renal disease	50	1.6	9.2	7.8
	All other causes	580	18.3		
	<b>TOTAL DEATHS</b>	<b>3,163</b>	<b>100.0</b>	<b>584.2</b>	<b>551.6</b>

**Table 2. North Central Region**

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	889	25.6	147.8	139.8
2	Diseases of heart	853	24.6	141.8	125.8
3	Alzheimer's disease	214	6.2	35.6	30.6
4	Cerebrovascular diseases	186	5.4	30.9	27.2
5	Chronic lower respiratory diseases	169	4.9	28.1	25.8
6	Accidents (unintentional injuries)	147	4.2	24.4	22.8
7	Diabetes mellitus	80	2.3	13.3	12.1
8	Intentional self-harm (suicide)	71	2.0	11.8	10.9
9	Influenza and pneumonia	63	1.8	10.5	9.1
10	Chronic liver disease and cirrhosis	54	1.6	9.0	8.5
	All other causes	746	21.5		
	<b>TOTAL DEATHS</b>	<b>3,472</b>	<b>100.0</b>	<b>577.2</b>	<b>526.7</b>

**Table 3. Central Region**

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Diseases of heart	626	23.5	126.6	162.9
2	Malignant neoplasms (all cancers)	614	23.1	124.1	163.4
3	Cerebrovascular diseases	147	5.5	29.7	39.2
4	Accidents (unintentional injuries)	144	5.4	29.1	31.8
5	Chronic lower respiratory diseases	127	4.8	25.7	34.6
6	Diabetes mellitus	107	4.0	21.6	28.0
7	Alzheimer's disease	87	3.3	17.6	22.6
8	Influenza and pneumonia	64	2.4	12.9	17.4
9	Chronic liver disease and cirrhosis	62	2.3	12.5	14.5
10	Intentional self-harm (suicide)	55	2.1	11.1	11.7
	All other causes	627	23.6		
	<b>TOTAL DEATHS</b>	<b>2,660</b>	<b>100.0</b>	<b>537.8</b>	<b>680.4</b>

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

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

<sup>c</sup> All rates are per 100,000 population; age-adjusted rates are adjusted to 2000 U.S. Standard Population.

<sup>†</sup> HHSA Regions were created by grouping contiguous zip codes.

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 HHS REGION<sup>†</sup>, SAN DIEGO COUNTY, 2008 Number and Percent of Deaths, Crude Rates and Age-adjusted Rates

Table 4. South Region

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	661	25.7	143.9	162.3
2	Diseases of heart	630	24.5	137.2	154.9
3	Cerebrovascular diseases	148	5.7	32.2	36.3
4	Chronic lower respiratory diseases	120	4.7	26.1	29.8
5	Accidents (unintentional injuries)	111	4.3	24.2	25.2
6	Alzheimer's disease	105	4.1	22.9	25.5
7	Diabetes mellitus	104	4.0	22.6	25.7
8	Chronic liver disease and cirrhosis	56	2.2	12.2	13.5
9	Influenza and pneumonia	46	1.8	10.0	11.3
10	Intentional self-harm (suicide)	41	1.6	8.9	9.5
	All other causes	552	21.4		
	<b>TOTAL DEATHS</b>	<b>2,574</b>	<b>100.0</b>	<b>560.5</b>	<b>624.7</b>

Table 5. East Region

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Diseases of heart	924	25.0	198.2	184.7
2	Malignant neoplasms (all cancers)	847	23.0	181.7	176.3
3	Alzheimer's disease	255	6.9	54.7	50.0
4	Chronic lower respiratory diseases	237	6.4	50.8	49.4
5	Cerebrovascular diseases	205	5.6	44.0	41.6
6	Accidents (unintentional injuries)	186	5.0	39.9	37.5
7	Diabetes mellitus	108	2.9	23.2	22.4
8	Chronic liver disease and cirrhosis	69	1.9	14.8	14.2
9	Intentional self-harm (suicide)	66	1.8	14.2	13.8
10	Essential (primary) hypertension and hypertensive renal disease	57	1.5	12.2	11.0
	All other causes	735	19.9		
	<b>TOTAL DEATHS</b>	<b>3,689</b>	<b>100.0</b>	<b>791.4</b>	<b>750.7</b>

Table 6. North Inland Region

Rank <sup>a</sup>	Cause of Death <sup>b</sup>	Number of Deaths	%	Crude Rate <sup>c</sup>	Age-adjusted Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	915	25.0	160.9	152.0
2	Diseases of heart	831	22.7	146.2	121.0
3	Alzheimer's disease	287	7.8	50.5	38.9
4	Chronic lower respiratory diseases	214	5.8	37.6	33.5
5	Cerebrovascular diseases	211	5.8	37.1	31.1
6	Accidents (unintentional injuries)	169	4.6	29.7	27.6
7	Diabetes mellitus	95	2.6	16.7	15.1
8	Essential (primary) hypertension and hypertensive renal disease	58	1.6	10.2	8.2
9	Influenza and pneumonia	58	1.6	10.2	7.6
10	Parkinson's disease	52	1.4	9.1	7.9
	All other causes	771	21.1		
	<b>TOTAL DEATHS</b>	<b>3,661</b>	<b>100.0</b>	<b>643.9</b>	<b>563.9</b>

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

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

<sup>c</sup> All rates are per 100,000 population; age-adjusted rates are adjusted to 2000 U.S. Standard Population.

<sup>†</sup> HHS Regions were created by grouping contiguous zip codes.

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 BY AGE GROUP, SAN DIEGO COUNTY, 2008**  
**Number and Percent of Deaths and Age-Specific Rates**

**Table 1. Age <1 year**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	congenital malformations, deformations and chromosomal abnormalities	52	22.8	111.5	167	24.4	119.8
2	Sudden infant death syndrome	34	14.9	72.9	85	12.4	61.0
3	Newborn affected by complications of placenta, cord and membranes	22	9.7	47.2	59	8.6	42.3
4	Newborn affected by maternal complications of pregnancy	21	9.2	45.0	77	11.2	55.2
5	Disorders related to short gestation and low birthweight, not elsewhere classified	21	9.2	45.0	65	9.5	46.6
6	Diseases of the circulatory system	7	3.1	*	17	2.5	*
7	Neonatal hemorrhage	6	2.6	*	24	3.5	17.2
8	Accidents (unintentional injuries)	6	2.6	*	12	1.8	*
9	Intrauterine hypoxia and birth asphyxia	4	1.8	*	13	1.9	*
10	Hydrops fetalis not due to hemolytic disease	4	1.8	*	7	1.0	*
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	51	22.4		159	23.2	
	<b>TOTAL DEATHS</b>	<b>228</b>	<b>100.0</b>	<b>489.0</b>	<b>685</b>	<b>100.0</b>	<b>491.4</b>

**Table 2. Ages 1-4 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Accidents (unintentional injuries)	11	37.9	*	25	25.0	4.6
2	Malignant neoplasms (all cancers)	4	13.8	*	13	13.0	*
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	14	48.3		62	62.0	
	<b>TOTAL DEATHS</b>	<b>29</b>	<b>100.0</b>		<b>100</b>	<b>100.0</b>	<b>18.5</b>

**Table 3. Ages 5-14 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	16	38.1	*	47	33.6	3.9
2	Accidents (unintentional injuries)	8	19.0	*	27	19.3	2.2
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	18	42.9		66	47.1	
	<b>TOTAL DEATHS</b>	<b>42</b>	<b>100.0</b>	<b>10.3</b>	<b>140</b>	<b>100.0</b>	<b>11.5</b>

<sup>a</sup> 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.

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

<sup>c</sup> 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 (Original Estimates 2009\_Revised 2001-2008)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunizations Services, 04/19/2010

**LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2008**  
**Number and Percent of Deaths and Age-Specific Rates**

**Table 4. Ages 15-24 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Accidents (unintentional injuries)	110	46.8	22.7	345	43.7	24.1
2	Assault (homicide)	37	15.7	7.6	115	14.6	8.0
3	Intentional self-harm (suicide)	29	12.3	6.0	107	13.6	7.5
4	Malignant neoplasms (all cancers)	14	6.0	*	64	8.1	4.5
5	Congenital malformations, deformations and chromosomal abnormalities	6	2.6	*	18	2.3	*
6	Chronic lower respiratory diseases	4	1.7	*	8	1.0	*
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	35	14.9		132	16.7	
	<b>TOTAL DEATHS</b>	<b>235</b>	<b>100.0</b>	<b>48.6</b>	<b>789</b>	<b>100.0</b>	<b>55.2</b>

**Table 5. Ages 25-34 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Accidents (unintentional injuries)	95	32.0	21.0	327	35.9	24.1
2	Intentional self-harm (suicide)	47	15.8	10.4	129	14.2	9.5
3	Malignant neoplasms (all cancers)	37	12.5	8.2	109	12.0	8.0
4	Assault (homicide)	21	7.1	4.7	78	8.6	5.8
5	Diseases of heart	14	4.7	*	40	4.4	3.0
6	Congenital malformations, deformations and chromosomal abnormalities	7	2.4	*	13	1.4	*
7	Chronic lower respiratory diseases	6	2.0	*	9	1.0	*
8	Chronic liver disease and cirrhosis	6	2.0	*	14	1.5	*
9	Pregnancy, childbirth and the puerperium	6	2.0	*	11	1.2	*
10	Diabetes mellitus	5	1.7	*	10	1.1	*
	All other causes	53	18		170	18.7	
	<b>TOTAL DEATHS</b>	<b>297</b>	<b>100.0</b>	<b>65.8</b>	<b>910</b>	<b>100.0</b>	<b>67.1</b>

**Table 6. Ages 35-44 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	114	20.8	25.0	369	20.6	26.9
2	Accidents (unintentional injuries)	111	20.2	24.3	374	20.9	27.2
3	Intentional self-harm (suicide)	73	13.3	16.0	182	10.2	13.2
4	Diseases of heart	57	10.4	12.5	179	10.0	13.0
5	Chronic liver disease and cirrhosis	34	6.2	7.5	92	5.1	6.7
6	Human immunodeficiency virus (HIV) disease	18	3.3	*	80	4.5	5.8
7	Cerebrovascular diseases	17	3.1	*	56	3.1	4.1
8	Assault (homicide)	11	2.0	*	52	2.9	3.8
9	Diabetes mellitus	6	1.1	*	37	2.1	2.7
10	Chronic lower respiratory diseases	5	0.9	*	17	0.9	*
	All other causes	103	19		354	19.8	
	<b>TOTAL DEATHS</b>	<b>549</b>	<b>100.0</b>	<b>120.4</b>	<b>1,792</b>	<b>100.0</b>	<b>130.4</b>

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

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

<sup>c</sup> 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 (Original Estimates 2009\_ Revised 2001-2008)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunizations Services, 04/19/2010

**LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2008**  
**Number and Percent of Deaths and Age-Specific Rates**

**Table 7. Ages 45-54 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	402	28.3	91.5	1,149	27.5	89.0
2	Diseases of heart	220	15.5	50.1	707	16.9	54.7
3	Accidents (unintentional injuries)	189	13.3	43.0	535	12.8	41.4
4	Chronic liver disease and cirrhosis	89	6.3	20.3	266	6.4	20.6
5	Intentional self-harm (suicide)	84	5.9	19.1	218	5.2	16.9
6	Cerebrovascular diseases	60	4.2	13.7	156	3.7	12.1
7	Viral hepatitis	45	3.2	10.2	105	2.5	8.1
8	Diabetes mellitus	38	2.7	8.6	119	2.9	9.2
9	Chronic lower respiratory diseases	31	2.2	7.1	86	2.1	6.7
10	Human immunodeficiency virus (HIV) disease	24	1.7	5.5	94	2.3	7.3
	All other causes	238	16.8		737	17.7	
	<b>TOTAL DEATHS</b>	<b>1,420</b>	<b>100.0</b>	<b>323.1</b>	<b>4,172</b>	<b>100.0</b>	<b>323.0</b>

**Table 8. Ages 55-64 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	826	37.0	268.1	2,392	37.6	270.6
2	Diseases of heart	440	19.7	142.8	1,301	20.4	147.2
3	Accidents (unintentional injuries)	123	5.5	39.9	372	5.8	42.1
4	Diabetes mellitus	104	4.7	33.8	244	3.8	27.6
5	Chronic lower respiratory diseases	91	4.1	29.5	258	4.1	29.2
6	Cerebrovascular diseases	86	3.9	27.9	232	3.6	26.2
7	Chronic liver disease and cirrhosis	86	3.9	27.9	229	3.6	25.9
8	Intentional self-harm (suicide)	69	3.1	22.4	172	2.7	19.5
9	Viral hepatitis	33	1.5	10.7	87	1.4	9.8
10	Human immunodeficiency virus (HIV) disease	16	0.7	*	44	0.7	5.0
	All other causes	358	16.0		1,033	16.2	
	<b>TOTAL DEATHS</b>	<b>2,232</b>	<b>100.0</b>	<b>724.3</b>	<b>6,364</b>	<b>100.0</b>	<b>719.9</b>

**Table 9. Ages 65-74 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	1,067	38.0	617.9	3,169	38.0	629.1
2	Diseases of heart	581	20.7	336.4	1,812	21.7	359.7
3	Chronic lower respiratory diseases	194	6.9	112.3	553	6.6	109.8
4	Cerebrovascular diseases	145	5.2	84.0	401	4.8	79.6
5	Diabetes mellitus	117	4.2	67.8	369	4.4	73.3
6	Chronic liver disease and cirrhosis	68	2.4	39.4	153	1.8	30.4
7	Accidents (unintentional injuries)	67	2.4	38.8	186	2.2	36.9
8	Alzheimer's disease	50	1.8	29.0	132	1.6	26.2
9	Parkinson's disease	33	1.2	19.1	71	0.9	14.1
10	Neoplasms - in situ, benign or unk behavior	27	1.0	15.6	63	0.8	12.5
	All other causes	456	16.3		1,428	17.1	
	<b>TOTAL DEATHS</b>	<b>2,805</b>	<b>100.0</b>	<b>1,624.3</b>	<b>8,337</b>	<b>100.0</b>	<b>1,655.0</b>

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

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

<sup>c</sup> 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 (Original Estimates 2009\_Revised 2001-2008)

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**LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2008**  
**Number and Percent of Deaths and Age-Specific Rates**

**Table 10. Ages 75-84 years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	1,381	27.1	1,109.3	4,329	27.1	1155.6
2	Diseases of heart	1,285	25.2	1,032.2	4,030	25.3	1075.8
3	Chronic lower respiratory diseases	366	7.2	294.0	1,194	7.5	318.7
4	Alzheimer's disease	330	6.5	265.1	956	6.0	255.2
5	Cerebrovascular diseases	305	6.0	245.0	1,070	6.7	285.6
6	Diabetes mellitus	159	3.1	127.7	529	3.3	141.2
7	Influenza and pneumonia	92	1.8	73.9	294	1.8	78.5
8	Parkinson's disease	85	1.7	68.3	270	1.7	72.1
9	Accidents (unintentional injuries)	81	1.6	65.1	270	1.7	72.1
10	Essential (primary) hypertension and hypertensive renal disease	73	1.4	58.6	231	1.4	61.7
	All other causes	944	18.5		2,779	17.4	
	<b>TOTAL DEATHS</b>	<b>5,101</b>	<b>100.0</b>	<b>4,097.5</b>	<b>15,952</b>	<b>100.0</b>	<b>4,258.4</b>

**Table 11. Ages 85+ years**

Rank <sup>a</sup> in 2008	Cause of Death <sup>b</sup>	2008			2006-2008		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Diseases of heart	2,148	33.2	3,645.6	6,221	33.5	3742.6
2	Malignant neoplasms (all cancers)	852	13.2	1,446.0	2,521	13.6	1516.7
3	Alzheimer's disease	753	11.6	1,278.0	2,073	11.2	1247.1
4	Cerebrovascular diseases	494	7.6	838.4	1,433	7.7	862.1
5	Chronic lower respiratory diseases	346	5.3	587.2	984	5.3	592.0
6	Influenza and pneumonia	190	2.9	322.5	554	3.0	333.3
7	Essential (primary) hypertension and hypertensive renal disease	157	2.4	266.5	407	2.2	244.9
8	Diabetes mellitus	142	2.2	241.0	391	2.1	235.2
9	Accidents (unintentional injuries)	131	2.0	222.3	370	2.0	222.6
10	Parkinson's disease	94	1.5	159.5	290	1.6	174.5
	All other causes	1,162	18.0		3,326	17.9	
	<b>TOTAL DEATHS</b>	<b>6,469</b>	<b>100.0</b>	<b>10,979.3</b>	<b>18,570</b>	<b>100.0</b>	<b>11,171.9</b>

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

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

<sup>c</sup> 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 (Original Estimates 2009\_Revised 2001-2008)

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