

**LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY RACE/ETHNICITY, 2009**

Number and Percent of Deaths and Age-adjusted Rates

COUNTY-WIDE RANK in 2009 <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	Malignant neoplasms	672	24.6	3,426	24.4	221	26.0	341	30.6	139.0	157.9	205.9	110.2	150.1
2	Diseases of heart	576	21.1	3,594	25.6	185	21.7	257	23.1	133.6	146.0	166.8	89.9	139.7
3	Alzheimer's disease	81	3.0	962	6.9	27	3.2	36	3.2	20.4	35.5	30.6	13.5	31.5
4	Cerebrovascular diseases	161	5.9	742	5.3	56	6.6	102	9.2	35.6	30.2	54.9	35.6	32.6
5	Chronic lower respiratory diseases	58	2.1	822	5.9	29	3.4	28	2.5	13.9	35.7	26.2	10.1	29.6
6	Accidents (unintentional injuries)	181	6.6	671	4.8	42	4.9	30	2.7	23.6	35.5	26.2	9.6	28.9
7	Diabetes mellitus	123	4.5	337	2.4	34	4.0	43	3.9	27.2	15.1	34.5	14.7	17.5
8	Intentional self-harm (suicide)	42	1.5	281	2.0	11	1.3	26	2.3	4.9	15.6	*	7.7	11.2
9	Influenza and pneumonia	69	2.5	226	1.6	9	1.1	10	0.9	13.5	9.3	*	*	9.6
10	Chronic liver disease and cirrhosis	74	2.7	206	1.5	7	0.8	5	0.4	13.3	10.0	*	*	9.5
11	Essential (primary) hypertension and hypertensive renal disease	41	1.5	201	1.4	23	2.7	17	1.5	9.8	7.8	21.1	*	8.3
12	Parkinson's disease	15	0.5	160	1.1	1	0.1	9	0.8	*	6.7	*	*	5.7
13	Nephritis, nephrotic syndrome and nephrosis	25	0.9	105	0.7	4	0.5	18	1.6	5.3	4.3	*	*	4.6
14	Septicemia	22	0.8	92	0.7	7	0.8	13	1.2	4.9	4.0	*	*	4.3
15	Viral hepatitis	42	1.5	61	0.4	6	0.7	9	0.8	7.6	2.9	*	*	3.8
	All Other Cause	546	20.0	2,130	15.2	189	22.2	169	15.2					
	<b>TOTAL DEATHS:</b>	<b>2,728</b>	<b>100.0</b>	<b>14,016</b>	<b>100.0</b>	<b>851</b>	<b>100.0</b>	<b>1,113</b>	<b>100.0</b>	<b>552.3</b>	<b>610.1</b>	<b>755.1</b>	<b>377.2</b>	<b>580.7</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 2009.

<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 (2001-09 estimates released 2010)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunization Branch Services, 05/03/2011

**LEADING CAUSES OF DEATH IN EACH RACIAL/ETHNIC GROUP, SAN DIEGO COUNTY, 2009**  
**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 2009	Cause of Death <sup>b</sup>	2009				2007-2009			
		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)	20	25.3	119.7	154.8	48	19.0	97.0	129.2
2	Diseases of heart	17	21.5	*	*	53	21.0	107.1	149.8
3	Accidents (unintentional injuries)	10	12.7	*	*	34	13.5	68.7	67.8
4	Chronic liver disease and cirrhosis	4	5.1	*	*	15	6.0	*	*
	<i>Causes of fewer than 4 deaths are not listed</i>								
	All other causes	28	35			102	40		
	<b>TOTAL DEATHS</b>	<b>79</b>	<b>100.0</b>	<b>472.8</b>	<b>593.5</b>	<b>252</b>	<b>100.0</b>	<b>509.5</b>	<b>658.3</b>

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

Rank <sup>a</sup> in 2009	Cause of Death <sup>b</sup>	2009				2007-2009			
		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)	341	30.6	105.0	110.2	1,011	31.4	106.5	114.7
2	Diseases of heart	257	23.1	79.1	89.9	720	22.4	75.9	90.0
3	Cerebrovascular diseases	102	9.2	31.4	35.6	286	8.9	30.1	35.2
4	Diabetes mellitus	43	3.9	13.2	14.7	137	4.3	14.4	16.5
5	Alzheimer's disease	36	3.2	11.1	13.5	82	2.5	8.6	11.3
6	Accidents (unintentional injuries)	30	2.7	9.2	9.6	119	3.7	12.5	13.3
7	Chronic lower respiratory diseases	28	2.5	8.6	10.1	97	3.0	10.2	12.2
8	Intentional self-harm (suicide)	26	2.3	8.0	7.7	64	2.0	6.7	6.4
9	Nephritis, nephrotic syndrome and nephrosis	18	1.6	*	*	51	1.6	5.4	6.3
10	Essential (primary) hypertension and hypertensive renal disease	17	1.5	*	*	38	1.2	4.0	4.9
	All other causes	215	19			612	19.0		
	<b>TOTAL DEATHS</b>	<b>1,113</b>	<b>100.0</b>	<b>342.6</b>	<b>377.2</b>	<b>3,217</b>	<b>100.0</b>	<b>339.0</b>	<b>386.2</b>

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

Rank <sup>a</sup> in 2009	Cause of Death <sup>b</sup>	2009				2007-2009			
		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)	221	26.0	132.9	205.9	658	24.7	133.2	204.8
2	Diseases of heart	185	21.7	111.2	166.8	625	23.4	126.5	198.7
3	Cerebrovascular diseases	56	6.6	33.7	54.9	149	5.6	30.2	48.0
4	Accidents (unintentional injuries)	42	4.9	25.2	26.2	137	5.1	27.7	29.9
5	Diabetes mellitus	34	4.0	20.4	34.5	120	4.5	24.3	38.9
6	Chronic lower respiratory diseases	29	3.4	17.4	26.2	82	3.1	16.6	25.6
7	Alzheimer's disease	27	3.2	16.2	30.6	92	3.5	18.6	37.2
8	Essential (primary) hypertension and hypertens	23	2.7	13.8	21.1	57	2.1	11.5	17.5
9	Human immunodeficiency virus (HIV) disease	18	2.1	*	*	50	1.9	10.1	10.6
10	Assault (homicide)	18	2.1	*	*	66	2.5	13.4	12.3
	All other causes	198	23			630	23.6		
	<b>TOTAL DEATHS</b>	<b>851</b>	<b>100.0</b>	<b>511.6</b>	<b>755.1</b>	<b>2,666</b>	<b>100.0</b>	<b>539.7</b>	<b>804.7</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.

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**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 2009	Cause of Death <sup>b</sup>	2009				2007-2009			
		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	28	31	195	377	79	31.1	187.1	334.4
2	Malignant neoplasms (all cancers)	20	22	139	218	59	23.2	139.8	223.9
3	Diabetes mellitus	8	9	*	*	18	7.1	*	*
4	Cerebrovascular diseases	7	8	*	*	18	7.1	*	*
5	Accidents (unintentional injuries)	4	4	*	*	14	5.5	*	*
	<i>Causes of fewer than 4 deaths are not listed</i>								
	All other causes	22	25			66	26		
	<b>TOTAL DEATHS</b>	<b>89</b>	<b>100.0</b>	<b>618.4</b>	<b>1,100.4</b>	<b>254</b>	<b>100.0</b>	<b>601.7</b>	<b>1,042.2</b>

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

Rank <sup>a</sup> in 2009	Cause of Death <sup>b</sup>	2009				2007-2009			
		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)	672	24.6	69.8	139.0	1,882	23.8	66.9	135.7
2	Diseases of heart	576	21.1	59.8	133.6	1,578	20.0	56.1	128.7
3	Accidents (unintentional injuries)	181	6.6	18.8	23.6	570	7.2	20.3	25.8
4	Cerebrovascular diseases	161	5.9	16.7	35.6	490	6.2	17.4	38.7
5	Diabetes mellitus	123	4.5	12.8	27.2	362	4.6	12.9	28.6
6	Alzheimer's disease	81	3.0	8.4	20.4	244	3.1	8.7	22.3
7	Chronic liver disease and cirrhosis	74	2.7	7.7	13.3	227	2.9	8.1	13.8
8	Influenza and pneumonia	69	2.5	7.2	13.5	147	1.9	5.2	11.3
9	Chronic lower respiratory diseases	58	2.1	6.0	13.9	220	2.8	7.8	18.3
10	Certain conditions originating in the perinatal period	53	1.9	5.5	3.5	162	2.1	5.8	3.7
	All other causes	680	25			2,010	25.5		
	<b>TOTAL DEATHS</b>	<b>2,728</b>	<b>100.0</b>	<b>283.4</b>	<b>552.3</b>	<b>7,892</b>	<b>100</b>	<b>280.7</b>	<b>557.3</b>

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

Rank <sup>a</sup> in 2009	Cause of Death <sup>b</sup>	2009				2007-2009			
		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	3,594	25.6	226.7	146.0	11,041	25.8	232.8	153.9
2	Malignant neoplasms (all cancers)	3,426	24.4	216.1	157.9	10,510	24.5	221.6	164.5
3	Alzheimer's disease	962	6.9	60.7	35.5	2,830	6.6	59.7	36.2
4	Chronic lower respiratory diseases	822	5.9	51.8	35.7	2,569	6.0	54.2	38.1
5	Cerebrovascular diseases	742	5.3	46.8	30.2	2,345	5.5	49.5	32.5
6	Accidents (unintentional injuries)	671	4.8	42.3	35.5	1,959	4.6	41.3	34.7
7	Diabetes mellitus	337	2.4	21.3	15.1	976	2.3	20.6	14.9
8	Intentional self-harm (suicide)	281	2.0	17.7	15.6	839	2.0	17.7	15.7
9	Influenza and pneumonia	226	1.6	14.3	9.3	704	1.6	14.8	9.5
10	Chronic liver disease and cirrhosis	206	1.5	13.0	10.0	632	1.5	13.3	10.7
	All other causes	2,749	20			8,433	19.7		
	<b>TOTAL DEATHS</b>	<b>14,016</b>	<b>100.0</b>	<b>884.0</b>	<b>610.1</b>	<b>42,838</b>	<b>100</b>	<b>903.4</b>	<b>636.7</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.

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