

## **Leading Causes of Death Among San Diego County Residents, 2005**

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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Rank, Number and Percent of Deaths and Age-Adjusted Rates
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Source: California Department of Health Services, Death Statistical Master Files; SANDAG January 1 population estimates

*Prepared by Community Epidemiology, Health & Human Services Agency, County of San Diego*

## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS, 2003-2005

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

RANK in 2005 <sup>a</sup>	RANK in 2004 <sup>a</sup>	CAUSE OF DEATH <sup>b</sup>	NUMBER AND PERCENT OF DEATHS						AGE-ADJUSTED RATES <sup>c</sup>				
			2003		2004		2005		2003-2005		2003	2004	2005
			n	%	n	%	n	%	n	%			
1	1	Diseases of heart	5,404	27.2	5,228	26.5	5,088	26.0	15,720	26.6	200.0	183.7	172.6
2	2	Cancer (any)	4,715	23.7	4,631	23.5	4,664	23.9	14,010	23.7	176.5	166.3	163.1
3	3	Cerebrovascular disease	1,521	7.7	1,423	7.2	1,218	6.2	4,162	7.0	56.2	49.8	41.3
4	5	COPD/Chronic lower respiratory diseases	1,067	5.4	1,066	5.4	1,128	5.8	3,261	5.5	39.8	38.3	39.1
5	4	Alzheimer's disease	1,004	5.1	1,106	5.6	1,094	5.6	3,204	5.4	36.8	38.1	36.0
6	6	Unintentional injuries	807	4.1	863	4.4	868	4.4	2,538	4.3	27.7	28.6	28.5
7	7	Diabetes mellitus	499	2.5	531	2.7	604	3.1	1,634	2.8	18.6	19.1	21.1
8	8	Influenza & pneumonia	579	2.9	477	2.4	428	2.2	1,484	2.5	21.2	16.6	14.3
9	9	Suicide	326	1.6	311	1.6	297	1.5	934	1.6	11.2	10.4	9.9
10	10	Essential (primary) hypertension and hypertensive renal disease	227	1.1	262	1.3	277	1.4	766	1.3	8.3	9.1	9.4
11	12	Chronic liver disease & cirrhosis	296	1.5	247	1.3	252	1.3	795	1.3	10.8	8.7	8.6
12	11	Parkinson's disease	206	1.0	258	1.3	220	1.1	684	1.2	7.6	9.1	7.5
13	13	Nephritis, nephrotic syndrome and nephrosis	149	0.8	185	0.9	183	0.9	517	0.9	5.6	6.5	6.3
14	17	Atherosclerosis	127	0.6	123	0.6	131	0.7	381	0.6	4.7	4.3	4.3
15	16	Certain conditions originating in the perinatal period	113	0.6	128	0.6	129	0.7	370	0.6	3.7	4.0	3.9
		All Other Causes	2,824	14.2	2,862	14.5	2,973	15.2	8,659	14.6			
		<b>TOTAL DEATHS</b>	<b>19,864</b>	<b>100.0</b>	<b>19,701</b>	<b>100.0</b>	<b>19,554</b>	<b>100.0</b>	<b>59,119</b>	<b>100.0</b>	<b>730.5</b>	<b>691.6</b>	<b>666.0</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 residents in 2005.

<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 Standard U.S. Population. Rates may vary slightly from previously published data due to updated population estimates.

Source: California Department of Public Health, Center for Health Statistics, Death Statistical Master Files; SANDAG January 1 population estimates (2003 estimates rel. 2006, 2004-05 estimates rel. 2007)  
Prepared by Community Epidemiology, Health & Human Services Agency, County of San Diego, 02/20/2008

## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY SEX, 2005

Number and Percent of Deaths and Age-adjusted Rates

COUNTY- WIDE RANK in 2005 <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	2,637	26.8	2,451	25.2	215.2	137.9	172.6
2	Malignant neoplasms (all cancers)	2,397	24.4	2,267	23.3	192.5	141.2	163.1
3	Cerebrovascular diseases	481	4.9	737	7.6	39.6	42.3	41.3
4	COPD/Chronic lower respiratory diseases	487	5.0	641	6.6	40.6	38.2	39.1
5	Alzheimer's disease	348	3.5	746	7.7	29.6	39.9	36.0
6	Unintentional injuries	585	5.9	283	2.9	39.5	17.9	28.5
7	Diabetes mellitus	301	3.1	303	3.1	24.3	18.5	21.1
8	Influenza and pneumonia	202	2.1	226	2.3	16.8	12.7	14.3
9	Intentional self-harm (suicide)	218	2.2	79	0.8	15.1	5.2	9.9
10	Essential (primary) hypertension and hypertensive renal disease	107	1.1	170	1.7	8.9	9.6	9.4
11	Chronic liver disease and cirrhosis	164	1.7	88	0.9	11.7	5.8	8.6
12	Parkinson's disease	144	1.5	76	0.8	12.2	4.3	7.5
13	Nephritis, nephrotic syndrome and nephrosis	94	1.0	89	0.9	7.8	5.2	6.3
14	Atherosclerosis	51	0.5	80	0.8	4.3	4.4	4.3
15	Certain conditions originating in the perinatal period	73	0.7	56	0.6	4.4	3.4	3.9
	All Other Causes	1,546	15.7	1,427	14.7			
	<b>TOTAL DEATHS:</b>	<b>9,835</b>	<b>100.0</b>	<b>9,719</b>	<b>100.0</b>	<b>779.3</b>	<b>570.9</b>	<b>666.0</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 residents in 2005.

<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.

Source: California Department of Public Health, Center for Health Statistics, Death Statistical Master Files; SANDAG January 1 population estimates (2005 estimates rel. 2007)  
Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Epidemiology Branch, 03/18/2008

**LEADING CAUSES OF DEATH AMONG MALES AND FEMALES, SAN DIEGO COUNTY, 2005**  
**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	Diseases of heart	2,637	26.8	173.5	215.2
2	Malignant neoplasms (all cancers)	2,397	24.4	157.7	192.5
3	Unintentional injuries	585	5.9	38.5	39.5
4	COPD/Chronic lower respiratory diseases	487	5.0	32.0	40.6
5	Cerebrovascular diseases	481	4.9	31.7	39.6
6	Alzheimer's disease	348	3.5	22.9	29.6
7	Diabetes mellitus	301	3.1	19.8	24.3
8	Intentional self-harm (suicide)	218	2.2	14.3	15.1
9	Influenza and pneumonia	202	2.1	13.3	16.8
10	Chronic liver disease and cirrhosis	164	1.7	10.8	11.7
	All other causes	2,015	20.5		
	<b>TOTAL DEATHS</b>	<b>9,835</b>	<b>100.0</b>	<b>647.2</b>	<b>779.3</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	2,451	25.2	161.4	137.9
2	Malignant neoplasms (all cancers)	2,267	23.3	149.3	141.2
3	Alzheimer's disease	746	7.7	49.1	39.9
4	Cerebrovascular diseases	737	7.6	48.5	42.3
5	COPD/Chronic lower respiratory diseases	641	6.6	42.2	38.2
6	Diabetes mellitus	303	3.1	19.9	18.5
7	Unintentional injuries	283	2.9	18.6	17.9
8	Influenza and pneumonia	226	2.3	14.9	12.7
9	Essential (primary) hypertension and hypertensive renal disease	170	1.7	11.2	9.6
10	Nephritis, nephrotic syndrome and nephrosis	89	0.9	5.9	5.2
	All other causes	1,806	18.6		
	<b>TOTAL DEATHS</b>	<b>9,719</b>	<b>100.0</b>	<b>639.9</b>	<b>570.9</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.

Source: California Department of Public Health, Center for Health Statistics, Death Statistical Master Files;  
 SANDAG January 1 population estimates (2005 estimates rel. 2007)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services,  
 Community Epidemiology Branch, 03/18/2008

**LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY RACE/ETHNICITY, 2005**

Number and Percent of Deaths and Age-adjusted Rates

COUNTY-WIDE RANK in 2005 <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	515	20.6	4,005	27.1	260	26.3	240	24.6	146.9	178.3	282.5	114.5	172.6
2	Malignant neoplasms (all cancers)	582	23.3	3,561	24.1	211	21.3	256	26.2	145.4	173.5	216.6	105.7	163.1
3	Cerebrovascular diseases	172	6.9	893	6.0	54	5.5	83	8.5	47.9	39.0	55.5	38.0	41.3
4	COPD/Chronic lower respiratory diseases	56	2.2	980	6.6	32	3.2	47	4.8	17.1	45.3	35.2	24.2	39.1
5	Alzheimer's disease	76	3.0	972	6.6	26	2.6	16	1.6	25.1	40.1	36.0	8.6	36.0
6	Unintentional injuries	175	7.0	571	3.9	59	6.0	41	4.2	27.3	32.1	38.7	16.2	28.5
7	Diabetes mellitus	126	5.0	349	2.4	62	6.3	45	4.6	33.5	16.6	69.0	21.2	21.1
8	Influenza and pneumonia	54	2.2	350	2.4	9	0.9	13	1.3	15.3	15.3	*	*	14.3
9	Intentional self-harm (suicide)	28	1.1	234	1.6	12	1.2	16	1.6	3.5	13.1	*	*	9.9
10	Essential (primary) hypertension and hypertensive renal disease	20	0.8	217	1.5	17	1.7	20	2.0	6.4	9.4	*	9.6	9.4
11	Chronic liver disease and cirrhosis	66	2.6	171	1.2	9	0.9	5	0.5	14.0	8.9	*	*	8.6
12	Parkinson's disease	20	0.8	188	1.3	6	0.6	6	0.6	6.2	8.3	*	*	7.5
13	Nephritis, nephrotic syndrome and nephrosis	36	1.4	102	0.7	18	1.8	18	1.8	10.5	4.6	*	*	6.3
14	Atherosclerosis	19	0.8	104	0.7	5	0.5	2	0.2	*	4.4	*	*	4.3
15	Certain conditions originating in the perinatal period	63	2.5	32	0.2	15	1.5	10	1.0	4.5	2.5	*	*	3.9
	All Other Causes	494	19.7	2,057	13.9	195	19.7	158	16.2					
	<b>TOTAL DEATHS:</b>	<b>2,502</b>	<b>100.0</b>	<b>14,786</b>	<b>100.0</b>	<b>990</b>	<b>100.0</b>	<b>976</b>	<b>100.0</b>	<b>608.8</b>	<b>689.6</b>	<b>986.2</b>	<b>440.3</b>	<b>666.0</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 residents in 2005.

<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, Death Statistical Master Files; SANDAG January 1 population estimates (2005 estimates rel. 2007)  
 Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Epidemiology Branch, 03/18/2008

**LEADING CAUSES OF DEATH IN EACH RACIAL/ETHNIC GROUP, SAN DIEGO COUNTY, 2005**  
**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 2005	Cause of Death <sup>b</sup>	2005				2003-2005			
		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)	16	17.6	*	*	52	20.2	111.0	149.3
2	Diseases of heart	14	15.4	*	*	41	15.9	87.5	127.6
3	Diabetes mellitus	11	12.1	*	*	26	10.1	55.5	82.3
4	Unintentional injuries	9	9.9	*	*	22	8.5	47.0	45.0
5	Cerebrovascular diseases	5	5.5	*	*	15	5.8	*	*
6	Human immunodeficiency virus (HIV) disease	3	3.3	*	*	6	2.3	*	*
7	COPD/Chronic lower respiratory diseases	3	3.3	*	*	10	3.9	*	*
8	Alzheimer's disease	2	2.2	*	*	10	3.9	*	*
9	Essential (primary) hypertension and hypertensive renal disease	2	2.2	*	*	4	1.6	*	*
10	Pneumonitis due to solids and liquids	2	2.2	*	*	2	0.8	*	*
	All other causes	24	26.4			70	27.1		
	<b>TOTAL DEATHS</b>	<b>91</b>	<b>100.0</b>	<b>579.9</b>	<b>711.3</b>	<b>258</b>	<b>100.0</b>	<b>550.6</b>	<b>732.8</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005				2003-2005			
		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)	256	26.2	90.1	105.7	798	27.9	94.1	116.3
2	Diseases of heart	240	24.6	84.5	114.5	672	23.5	79.2	113.2
3	Cerebrovascular diseases	83	8.5	29.2	38.0	264	9.2	31.1	43.8
4	COPD/Chronic lower respiratory diseases	47	4.8	16.6	24.2	118	4.1	13.9	21.1
5	Diabetes mellitus	45	4.6	15.8	21.2	127	4.4	15.0	21.2
6	Unintentional injuries	41	4.2	14.4	16.2	137	4.8	16.2	18.4
7	Essential (primary) hypertension and hypertensive renal disease	20	2.0	7.0	9.6	54	1.9	6.4	9.8
8	Aortic aneurysm and dissection	18	1.8	*	*	38	1.3	4.5	6.6
9	Nephritis, nephrotic syndrome and nephrosis	18	1.8	*	*	39	1.4	4.6	6.6
10	Alzheimer's disease	16	1.6	*	*	59	2.1	7.0	12.1
	All other causes	192	19.7			557	19.5		
	<b>TOTAL DEATHS</b>	<b>976</b>	<b>100.0</b>	<b>343.7</b>	<b>440.3</b>	<b>2,863</b>	<b>100.0</b>	<b>337.6</b>	<b>456.1</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005				2003-2005			
		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	260	26.3	159.0	282.5	738	26.1	151.9	282.5
2	Malignant neoplasms (all cancers)	211	21.3	129.0	216.6	633	22.4	130.3	222.7
3	Diabetes mellitus	62	6.3	37.9	69.0	135	4.8	27.8	51.4
4	Unintentional injuries	59	6.0	36.1	38.7	156	5.5	32.1	35.2
5	Cerebrovascular diseases	54	5.5	33.0	55.5	205	7.2	42.2	80.3
6	COPD/Chronic lower respiratory diseases	32	3.2	19.6	35.2	72	2.5	14.8	28.0
7	Alzheimer's disease	26	2.6	15.9	36.0	75	2.6	15.4	37.4
8	Homicide	25	2.5	15.3	13.5	88	3.1	18.1	16.5
9	Human immunodeficiency virus (HIV) disease	22	2.2	13.5	14.0	59	2.1	12.1	13.0
10	Nephritis, nephrotic syndrome and nephrosis	18	1.8	*	*	48	1.7	9.9	19.2
	All other causes	221	22.3			622	22.0		
	<b>TOTAL DEATHS</b>	<b>990</b>	<b>100.0</b>	<b>605.3</b>	<b>986.2</b>	<b>2,831</b>	<b>100.0</b>	<b>582.7</b>	<b>983.6</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, Death Statistical Master Files;

SANDAG January 1 population estimates (2005 estimates rel. 2007)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Epidemiology Branch, 03/18/2008

**LEADING CAUSES OF DEATH IN EACH RACIAL/ETHNIC GROUP, SAN DIEGO COUNTY, 2005**  
**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 2005	Cause of Death <sup>b</sup>	2005				2003-2005			
		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	22	29.7	170.8	272.8	71	29.2	185.8	319.9
2	Diabetes mellitus	8	10.8	*	*	22	9.1	57.6	89.6
3	Malignant neoplasms (all cancers)	7	9.5	*	*	51	21.0	133.4	186.8
4	Cerebrovascular diseases	4	5.4	*	*	17	7.0	*	*
5	Nephritis, nephrotic syndrome and nephrosis	4	5.4	*	*	8	3.3	*	*
6	COPD/Chronic lower respiratory diseases	3	4.1	*	*	4	1.6	*	*
7	Unintentional injuries	3	4.1	*	*	6	2.5	*	*
8	Septicemia	2	2.7	*	*	4	1.6	*	*
9	Certain conditions originating in the perinatal period	2	2.7	*	*	5	2.1	*	*
10	Homicide	2	2.7	*	*	4	1.6	*	*
	All other causes	17	23.0			51	21.0		
	<b>TOTAL DEATHS</b>	<b>74</b>	<b>100.0</b>	<b>574.6</b>	<b>876.0</b>	<b>243</b>	<b>100.0</b>	<b>635.8</b>	<b>950.6</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005				2003-2005			
		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)	582	23.3	67.1	145.4	1,595	22.4	62.6	138.5
2	Diseases of heart	515	20.6	59.3	146.9	1,551	21.8	60.9	160.1
3	Unintentional injuries	175	7.0	20.2	27.3	475	6.7	18.6	24.1
4	Cerebrovascular diseases	172	6.9	19.8	47.9	492	6.9	19.3	50.1
5	Diabetes mellitus	126	5.0	14.5	33.5	349	4.9	13.7	33.1
6	Alzheimer's disease	76	3.0	8.8	25.1	204	2.9	8.0	24.4
7	Chronic liver disease and cirrhosis	66	2.6	7.6	14.0	180	2.5	7.1	12.9
8	Certain conditions originating in the perinatal period	63	2.5	7.3	4.5	161	2.3	6.3	4.2
9	COPD/Chronic lower respiratory diseases	56	2.2	6.5	17.1	173	2.4	6.8	18.7
10	Influenza and pneumonia	54	2.2	6.2	15.3	162	2.3	6.4	16.6
	All other causes	617	24.7			1,783	25.0		
	<b>TOTAL DEATHS</b>	<b>2,502</b>	<b>100.0</b>	<b>288.3</b>	<b>608.8</b>	<b>7,125</b>	<b>100.0</b>	<b>279.6</b>	<b>614.3</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005				2003-2005			
		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	4,005	27.1	251.4	178.3	12,554	27.7	263.9	192.5
2	Malignant neoplasms (all cancers)	3,561	24.1	223.5	173.5	10,790	23.8	226.8	179.1
3	COPD/Chronic lower respiratory diseases	980	6.6	61.5	45.3	2,864	6.3	60.2	45.2
4	Alzheimer's disease	972	6.6	61.0	40.1	2,838	6.3	59.7	40.6
5	Cerebrovascular diseases	893	6.0	56.0	39.0	3,144	6.9	66.1	47.4
6	Unintentional injuries	571	3.9	35.8	32.1	1,706	3.8	35.9	32.0
7	Influenza and pneumonia	350	2.4	22.0	15.3	1,218	2.7	25.6	18.1
8	Diabetes mellitus	349	2.4	21.9	16.6	959	2.1	20.2	15.6
9	Intentional self-harm (suicide)	234	1.6	14.7	13.1	732	1.6	15.4	14.0
10	Essential (primary) hypertension and hypertensive renal disease	217	1.5	13.6	9.4	602	1.3	12.7	9.0
	All other causes	2,654	17.9			7,935	17.5		
	<b>TOTAL DEATHS</b>	<b>14,786</b>	<b>100.0</b>	<b>928.0</b>	<b>689.6</b>	<b>45,342</b>	<b>100.0</b>	<b>953.2</b>	<b>723.9</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 Standard U.S. Population.

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

## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY HHSA REGION<sup>†</sup>, 2005

Number and Percent of Deaths

COUNTY-WIDE RANK IN 2005 <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	839	26.3	898	26.3	751	26.1	711	26.8	982	27.6	877	23.9
2	Malignant neoplasms (all cancers)	779	24.4	900	26.4	615	21.4	669	25.2	801	22.5	878	23.9
3	Cerebrovascular diseases	187	5.9	220	6.4	170	5.9	175	6.6	200	5.6	260	7.1
4	COPD/Chronic lower respiratory diseases	222	6.9	169	5.0	129	4.5	133	5.0	247	7.0	218	5.9
5	Alzheimer's disease	208	6.5	177	5.2	117	4.1	109	4.1	200	5.6	278	7.6
6	Unintentional injuries	149	4.7	135	4.0	174	6.0	91	3.4	140	3.9	142	3.9
7	Diabetes mellitus	89	2.8	82	2.4	99	3.4	105	4.0	117	3.3	108	2.9
8	Influenza and pneumonia	68	2.1	70	2.1	60	2.1	52	2.0	88	2.5	86	2.3
9	Intentional self-harm (suicide)	46	1.4	62	1.8	55	1.9	39	1.5	48	1.4	40	1.1
10	Essential (primary) hypertension and hypertensive renal disease	40	1.3	37	1.1	46	1.6	30	1.1	67	1.9	57	1.6
11	Chronic liver disease and cirrhosis	41	1.3	45	1.3	36	1.3	43	1.6	36	1.0	48	1.3
12	Parkinson's disease	38	1.2	52	1.5	14	0.5	25	0.9	31	0.9	60	1.6
13	Nephritis, nephrotic syndrome and nephrosis	20	0.626	35	1.0252	35	1.2	28	1.1	26	0.7	38	1.0
14	Atherosclerosis	16	0.5	15	0.4	19	0.7	15	0.6	25	0.7	40	1.1
15	Certain conditions originating in the perinatal period	20	0.6	12	0.4	21	0.7	29	1.1	12	0.3	33	0.9
	All Other Causes	433	13.6	505	14.8	537	18.7	398	15.0	533	15.0	513	14.0
	<b>TOTAL DEATHS:</b>	<b>3,195</b>	<b>100.0</b>	<b>3,414</b>	<b>100.0</b>	<b>2,878</b>	<b>100.0</b>	<b>2,652</b>	<b>100.0</b>	<b>3,553</b>	<b>100.0</b>	<b>3,676</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 residents in 2005.

<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, Death Statistical Master Files; SANDAG January 1 population estimates (2005 estimates rel. 2007)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Epidemiology Branch, 03/18/2008



## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY HHSA REGION<sup>†</sup>, 2005

Age-adjusted Rates

COUNTY-WIDE RANK in 2005 <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	157.5	147.5	209.4	189.5	210.1	143.2	172.6
2	Malignant neoplasms (all cancers)	153.2	151.9	171.3	174.3	176.9	155.5	163.1
3	Cerebrovascular diseases	34.9	36.1	47.7	46.4	43.5	41.8	41.3
4	COPD/Chronic lower respiratory diseases	42.3	28.4	36.5	35.8	54.1	37.2	39.1
5	Alzheimer's disease	37.2	28.7	33.0	29.6	41.9	42.4	36.0
6	Unintentional injuries	28.2	22.4	38.7	21.9	30.0	25.5	28.5
7	Diabetes mellitus	17.5	13.6	27.5	27.9	26.0	18.9	21.1
8	Influenza and pneumonia	12.4	11.4	16.8	13.9	18.4	14.2	14.3
9	Intentional self-harm (suicide)	9.1	10.2	12.3	9.1	10.3	7.5	9.9
10	Essential (primary) hypertension and hypertensive renal disease	7.5	6.0	13.2	8.1	14.2	9.3	9.4
11	Chronic liver disease and cirrhosis	7.9	7.6	9.0	10.9	7.5	8.8	8.6
12	Parkinson's disease	7.1	8.5	*	6.7	6.7	9.8	7.5
13	Nephritis, nephrotic syndrome and nephrosis	4.0	5.9	9.7	7.5	5.6	6.2	6.3
14	Atherosclerosis	*	*	*	*	5.3	6.2	4.3
15	Certain conditions originating in the perinatal period	3.3	*	3.7	5.0	*	5.9	3.9
	All Other Causes							
	<b>TOTAL DEATHS:</b>	<b>606.4</b>	<b>566.8</b>	<b>775.2</b>	<b>691.2</b>	<b>767.9</b>	<b>619.4</b>	<b>666.0</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 residents in 2005.

<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.

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

Source: California Department of Public Health, Center for Health Statistics, Death Statistical Master Files; SANDAG January 1 population estimates (2005 estimates rel. 2007)  
Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Epidemiology Branch, 03/18/2008

**LEADING CAUSES OF DEATH IN EACH HHSA REGION<sup>†</sup>, SAN DIEGO COUNTY, 2005**  
**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	839	26.3	161.2	157.5
2	Malignant neoplasms (all cancers)	779	24.4	149.7	153.2
3	COPD/Chronic lower respiratory diseases	222	6.9	42.7	42.3
4	Alzheimer's disease	208	6.5	40.0	37.2
5	Cerebrovascular diseases	187	5.9	35.9	34.9
6	Unintentional injuries	149	4.7	28.6	28.2
7	Diabetes mellitus	89	2.8	17.1	17.5
8	Influenza and pneumonia	68	2.1	13.1	12.4
9	Intentional self-harm (suicide)	46	1.4	8.8	9.1
10	Chronic liver disease and cirrhosis	41	1.3	7.9	7.9
	All other causes	567	17.7		
	<b>TOTAL DEATHS</b>	<b>3,195</b>	<b>100.0</b>	<b>613.9</b>	<b>606.4</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)	900	26.4	155.2	151.9
2	Diseases of heart	898	26.3	154.9	147.5
3	Cerebrovascular diseases	220	6.4	37.9	36.1
4	Alzheimer's disease	177	5.2	30.5	28.7
5	COPD/Chronic lower respiratory diseases	169	5.0	29.1	28.4
6	Unintentional injuries	135	4.0	23.3	22.4
7	Diabetes mellitus	82	2.4	14.1	13.6
8	Influenza and pneumonia	70	2.1	12.1	11.4
9	Intentional self-harm (suicide)	62	1.8	10.7	10.2
10	Parkinson's disease	52	1.5	9.0	8.5
	All other causes	649	19.0		
	<b>TOTAL DEATHS</b>	<b>3,414</b>	<b>100.0</b>	<b>588.8</b>	<b>566.8</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	751	26.1	153.3	209.4
2	Malignant neoplasms (all cancers)	615	21.4	125.6	171.3
3	Unintentional injuries	174	6.0	35.5	38.7
4	Cerebrovascular diseases	170	5.9	34.7	47.7
5	COPD/Chronic lower respiratory diseases	129	4.5	26.3	36.5
6	Alzheimer's disease	117	4.1	23.9	33.0
7	Diabetes mellitus	99	3.4	20.2	27.5
8	Influenza and pneumonia	60	2.1	12.3	16.8
9	Human immunodeficiency virus (HIV) disease	56	1.9	11.4	12.6
10	Intentional self-harm (suicide)	55	1.9	11.2	12.3
	All other causes	652	22.7		
	<b>TOTAL DEATHS</b>	<b>2,878</b>	<b>100.0</b>	<b>587.6</b>	<b>775.2</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.

**LEADING CAUSES OF DEATH IN EACH HHSA REGION<sup>†</sup>, SAN DIEGO COUNTY, 2005**  
**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	Diseases of heart	711	26.8	158.6	189.5
2	Malignant neoplasms (all cancers)	669	25.2	149.2	174.3
3	Cerebrovascular diseases	175	6.6	39.0	46.4
4	COPD/Chronic lower respiratory diseases	133	5.0	29.7	35.8
5	Alzheimer's disease	109	4.1	24.3	29.6
6	Diabetes mellitus	105	4.0	23.4	27.9
7	Unintentional injuries	91	3.4	20.3	21.9
8	Influenza and pneumonia	52	2.0	11.6	13.9
9	Chronic liver disease and cirrhosis	43	1.6	9.6	10.9
10	Intentional self-harm (suicide)	39	1.5	8.7	9.1
	All other causes	525	19.8		
	<b>TOTAL DEATHS</b>	<b>2,652</b>	<b>100.0</b>	<b>591.5</b>	<b>691.2</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	982	27.6	214.4	210.1
2	Malignant neoplasms (all cancers)	801	22.5	174.9	176.9
3	COPD/Chronic lower respiratory diseases	247	7.0	53.9	54.1
4	Alzheimer's disease	200	5.6	43.7	41.9
5	Cerebrovascular diseases	200	5.6	43.7	43.5
6	Unintentional injuries	140	3.9	30.6	30.0
7	Diabetes mellitus	117	3.3	25.5	26.0
8	Influenza and pneumonia	88	2.5	19.2	18.4
9	Essential (primary) hypertension and hypertensive renal disease	67	1.9	14.6	14.2
10	Intentional self-harm (suicide)	48	1.4	10.5	10.3
	All other causes	663	18.7		
	<b>TOTAL DEATHS</b>	<b>3,553</b>	<b>100.0</b>	<b>775.8</b>	<b>767.9</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)	878	23.9	162.0	155.5
2	Diseases of heart	877	23.9	161.8	143.2
3	Alzheimer's disease	278	7.6	51.3	42.4
4	Cerebrovascular diseases	260	7.1	48.0	41.8
5	COPD/Chronic lower respiratory diseases	218	5.9	40.2	37.2
6	Unintentional injuries	142	3.9	26.2	25.5
7	Diabetes mellitus	108	2.9	19.9	18.9
8	Influenza and pneumonia	86	2.3	15.9	14.2
9	Parkinson's disease	60	1.6	11.1	9.8
10	Essential (primary) hypertension and hypertensive renal disease	57	1.6	10.5	9.3
	All other causes	712	19.4		
	<b>TOTAL DEATHS</b>	<b>3,676</b>	<b>100.0</b>	<b>678.1</b>	<b>619.4</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.

**LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2005**  
**Number and Percent of Deaths and Age-Specific Rates**

**Table 1. Age <1 year**

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		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	48	20.9	100.7	167	24.3	114.9
2	Disorders related to short gestation and low birthweight, not elsewhere classified	26	11.3	54.5	96	14.0	66.1
2	Newborn affected by maternal complications of pregnancy	26	11.3	54.5	51	7.4	35.1
4	Sudden infant death syndrome	19	8.3	*	77	11.2	53.0
5	Neonatal hemorrhage	12	5.2	*	34	5.0	23.4
6	Newborn affected by complications of placenta, cord and membranes	10	4.4	*	33	4.8	22.7
7	Respiratory distress of newborn	8	3.5	*	21	3.1	14.5
7	Intrauterine hypoxia and birth asphyxia	8	3.5	*	13	1.9	*
9	Bacterial sepsis of newborn	4	1.7	*	14	2.0	*
9	Diseases of the circulatory system	4	1.7	*	13	1.9	*
9	Diseases of the blood & blood-forming organs and certain disorders of immune mechanism	4	1.7	*	6	0.9	*
	All other causes	61	26.5		161	23.5	
	<b>TOTAL DEATHS</b>	<b>230</b>	<b>100.0</b>	<b>482.4</b>	<b>686</b>	<b>100.0</b>	<b>472.1</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Accidents (unintentional injuries)	9	29.0	*	29	25.9	5.6
2	Assault (homicide)	5	16.1	*	7	6.3	*
3	Congenital malformations, deformations and chromosomal abnormalities	4	12.9	*	21	18.8	4.1
4	Malignant neoplasms	2	6.5	*	19	17.0	*
5	Diseases of heart	1	3.2	*	4	3.6	*
5	Septicemia	1	3.2	*	2	1.8	*
5	Certain conditions originating in the perinatal period	1	3.2	*	2	1.8	*
5	Cerebrovascular diseases	1	3.2	*	1	0.9	*
5	Pneumonitis due to solids and liquids	1	3.2	*	1	0.9	*
	All other causes	6	19.4		26	23.2	
	<b>TOTAL DEATHS</b>	<b>31</b>	<b>100.0</b>	<b>17.1</b>	<b>112</b>	<b>100.0</b>	<b>21.7</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Accidents (unintentional injuries)	12	26.7	*	32	21.2	2.6
2	Malignant neoplasms	7	15.6	*	36	23.8	2.9
3	Congenital malformations, deformations and chromosomal abnormalities	6	13.3	*	15	9.9	*
4	Diseases of heart	2	4.4	*	7	4.6	*
4	Intentional self-harm (suicide)	2	4.4	*	4	2.6	*
4	Assault (homicide)	2	4.4	*	4	2.6	*
4	Chronic lower respiratory diseases	2	4.4	*	2	1.3	*
8	Neoplasms - in situ, benign or unknown behavior	1	2.2	*	2	1.3	*
8	Diabetes mellitus	1	2.2	*	2	1.3	*
8	Cerebrovascular diseases	1	2.2	*	2	1.3	*
	All other causes	9	20.0		45	29.8	
	<b>TOTAL DEATHS</b>	<b>45</b>	<b>100.0</b>	<b>10.9</b>	<b>151</b>	<b>100.0</b>	<b>12.0</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.

**LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2005**  
**Number and Percent of Deaths and Age-Specific Rates**

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Accidents (unintentional injuries)	130	47.3	28.5	338	41.6	24.8
2	Assault (homicide)	40	14.5	8.8	147	18.1	10.8
3	Intentional self-harm (suicide)	25	9.1	5.5	99	12.2	7.3
4	Malignant neoplasms	23	8.4	5.0	56	6.9	4.1
5	Diseases of heart	7	2.5	*	20	2.5	1.5
6	Legal intervention	5	1.8	*	8	1.0	*
7	Cerebrovascular diseases	3	1.1	*	6	0.7	*
7	Pregnancy, childbirth and the puerperium	3	1.1	*	5	0.6	*
9	Tuberculosis	2	0.7	*	2	0.2	*
9	Chronic lower respiratory diseases	2	0.7	*	4	0.5	*
9	Congenital malformations, deformations and chromosomal abnormalities	2	0.7	*	9	1.1	*
	All other causes	35	12.7		128	15.7	
	<b>TOTAL DEATHS</b>	<b>275</b>	<b>100.0</b>	<b>60.4</b>	<b>813</b>	<b>100.0</b>	<b>59.6</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Accidents (unintentional injuries)	108	35.3	23.8	316	33.0	22.9
2	Malignant neoplasms	38	12.4	8.4	113	11.8	8.2
3	Intentional self-harm (suicide)	33	10.8	7.3	138	14.4	10.0
4	Diseases of heart	25	8.2	5.5	57	5.9	4.1
5	Assault (homicide)	17	5.6	*	73	7.6	5.3
6	Legal intervention	8	2.6	*	15	1.6	*
7	Human immunodeficiency virus (HIV) disease	6	2.0	*	25	2.6	1.8
8	Diabetes mellitus	5	1.6	*	19	2.0	*
8	Pregnancy, childbirth and the puerperium	5	1.6	*	11	1.1	*
8	Congenital malformations, deformations and chromosomal abnormalities	5	1.6	*	12	1.3	*
	All other causes	56	18.3		180	18.8	
	<b>TOTAL DEATHS</b>	<b>306</b>	<b>100.0</b>	<b>67.5</b>	<b>959</b>	<b>100.0</b>	<b>69.6</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms	127	19.4	27.3	408	20.3	29.2
2	Accidents (unintentional injuries)	125	19.1	26.9	387	19.2	27.7
3	Diseases of heart	80	12.3	17.2	242	12.0	17.3
4	Intentional self-harm (suicide)	60	9.2	12.9	186	9.2	13.3
5	Human immunodeficiency virus (HIV) disease	46	7.0	9.9	145	7.2	10.4
6	Chronic liver disease and cirrhosis	26	4.0	5.6	106	5.3	7.6
7	Cerebrovascular diseases	22	3.4	4.7	63	3.1	4.5
8	Assault (homicide)	21	3.2	4.5	56	2.8	4.0
9	Diabetes mellitus	12	1.8	*	34	1.7	2.4
10	Influenza and pneumonia	11	1.7	*	20	1.0	1.4
	All other causes	123	18.8		367	18.2	
	<b>TOTAL DEATHS</b>	<b>653</b>	<b>100.0</b>	<b>140.4</b>	<b>2,014</b>	<b>100.0</b>	<b>144.3</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, Death Statistical Master Files;

SANDAG January 1 population estimates (2005 estimates rel. 2007)

Prepared by Community Epidemiology, Health & Human Services Agency, County of San Diego, 03/18/2008

**LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2005**  
**Number and Percent of Deaths and Age-Specific Rates**

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms	378	26.7	91.3	1,165	27.0	96.6
2	Diseases of heart	243	17.2	58.7	752	17.5	62.3
3	Accidents (unintentional injuries)	170	12.0	41.1	525	12.2	43.5
4	Chronic liver disease and cirrhosis	81	5.7	19.6	240	5.6	19.9
5	Intentional self-harm (suicide)	75	5.3	18.1	209	4.9	17.3
6	Cerebrovascular diseases	50	3.5	12.1	168	3.9	13.9
7	Diabetes mellitus	39	2.8	9.4	119	2.8	9.9
8	Human immunodeficiency virus (HIV) disease	34	2.4	8.2	114	2.6	9.4
9	Chronic lower respiratory diseases	20	1.4	4.8	72	1.7	6.0
10	Influenza and pneumonia	19	1.3	*	54	1.3	4.5
	All other causes	305	21.6		889	20.6	
	<b>TOTAL DEATHS</b>	<b>1,414</b>	<b>100.0</b>	<b>341.5</b>	<b>4,307</b>	<b>100.0</b>	<b>357.0</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms	785	38.9	290.5	2,255	38.8	294.6
2	Diseases of heart	408	20.2	151.0	1,252	21.6	163.6
3	Accidents (unintentional injuries)	97	4.8	35.9	278	4.8	36.3
4	Chronic lower respiratory diseases	90	4.5	33.3	238	4.1	31.1
5	Diabetes mellitus	82	4.1	30.3	211	3.6	27.6
6	Cerebrovascular diseases	69	3.4	25.5	220	3.8	28.7
7	Chronic liver disease and cirrhosis	67	3.3	24.8	179	3.1	23.4
8	Intentional self-harm (suicide)	34	1.7	12.6	102	1.8	13.3
9	Influenza and pneumonia	25	1.2	9.3	78	1.3	10.2
10	Essential (primary) hypertension and hypertensive renal disease	17	0.8	*	49	0.8	6.4
	All other causes	342	17.0		943	16.2	
	<b>TOTAL DEATHS</b>	<b>2,016</b>	<b>100.0</b>	<b>746.0</b>	<b>5,805</b>	<b>100.0</b>	<b>758.4</b>

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms	1,042	36.9	637.2	3,292	37.1	678.3
2	Diseases of heart	671	23.8	410.3	2,146	24.2	442.2
3	Chronic lower respiratory diseases	189	6.7	115.6	614	6.9	126.5
4	Cerebrovascular diseases	143	5.1	87.4	495	5.6	102.0
5	Diabetes mellitus	124	4.4	75.8	371	4.2	76.4
6	Alzheimer's disease	53	1.9	32.4	154	1.7	31.7
7	Accidents (unintentional injuries)	51	1.8	31.2	140	1.6	28.8
8	Influenza and pneumonia	44	1.6	26.9	138	1.6	28.4
9	Chronic liver disease and cirrhosis	41	1.5	25.1	139	1.6	28.6
10	Essential (primary) hypertension and hypertensive renal disease	37	1.3	22.6	82	0.9	16.9
	All other causes	428	15.2		1,305	14.7	
	<b>TOTAL DEATHS</b>	<b>2,823</b>	<b>100.0</b>	<b>1,726.3</b>	<b>8,876</b>	<b>100.0</b>	<b>1,828.9</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.

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**LEADING CAUSES OF DEATH BY AGE GROUP, SAN DIEGO COUNTY, 2005**  
**Number and Percent of Deaths and Age-Specific Rates**

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

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Diseases of heart	1,586	27.4	1,254.4	4,966	28.2	1325.1
2	Malignant neoplasms	1,477	25.5	1,168.2	4,442	25.2	1185.3
3	Chronic lower respiratory diseases	468	8.1	370.1	1,355	7.7	361.6
4	Cerebrovascular diseases	425	7.3	336.1	1,454	8.3	388.0
5	Alzheimer's disease	332	5.7	262.6	1,009	5.7	269.2
6	Diabetes mellitus	214	3.7	169.3	543	3.1	144.9
7	Influenza and pneumonia	120	2.1	94.9	435	2.5	116.1
8	Parkinson's disease	110	1.9	87.0	353	2.0	94.2
9	Essential (primary) hypertension and hypertensive renal disease	86	1.5	68.0	239	1.4	63.8
10	Accidents (unintentional injuries)	79	1.4	62.5	247	1.4	65.9
	All other causes	891	15.4		2,566	14.6	
	<b>TOTAL DEATHS</b>	<b>5,788</b>	<b>100.0</b>	<b>4,577.7</b>	<b>17,609</b>	<b>100.0</b>	<b>4,698.6</b>

**Table 11. Ages 85+ years**

Rank <sup>a</sup> in 2005	Cause of Death <sup>b</sup>	2005			2003-2005		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Diseases of heart	2,063	34.6	4,141.7	6,269	35.3	4510.8
2	Malignant neoplasms	784	13.1	1,574.0	2,220	12.5	1597.4
3	Alzheimer's disease	702	11.8	1,409.4	2,025	11.4	1457.1
4	Cerebrovascular diseases	503	8.4	1,009.8	1,731	9.8	1245.5
5	Chronic lower respiratory diseases	344	5.8	690.6	951	5.4	684.3
6	Influenza and pneumonia	208	3.5	417.6	742	4.2	533.9
7	Essential (primary) hypertension and hypertensive renal disease	131	2.2	263.0	377	2.1	271.3
8	Diabetes mellitus	126	2.1	253.0	330	1.9	237.4
9	Parkinson's disease	85	1.4	170.6	250	1.4	179.9
9	Accidents (unintentional injuries)	85	1.4	170.6	228	1.3	164.1
	All other causes	936	15.7		2,621	14.8	
	<b>TOTAL DEATHS</b>	<b>5,967</b>	<b>100.0</b>	<b>11,979.5</b>	<b>17,744</b>	<b>100.0</b>	<b>12,767.4</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.

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