

## **Leading Causes of Death Among San Diego County Residents, 2009**

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, 2007-2009

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

RANK in 2009 <sup>a</sup>	RANK in 2008 <sup>a</sup>	CAUSE OF DEATH <sup>b</sup>	NUMBER AND PERCENT OF DEATHS						AGE-ADJUSTED RATES <sup>c</sup>				
			2007		2008		2009		2007-2009		2007	2008	2009
			n	%	n	%	n	%	n	%			
1	2	Malignant neoplasms	4,812	25.1	4,715	24.3	4,734	24.8	14,261	24.7	161.8	154.1	150.1
2	1	Diseases of heart	4,743	24.8	4,752	24.5	4,697	24.6	14,192	24.6	152.3	146.5	139.7
3	3	Alzheimer's disease	1,019	5.3	1,142	5.9	1,115	5.8	3,276	5.7	31.6	33.9	31.5
4	4	Cerebrovascular diseases	1,122	5.9	1,121	5.8	1,080	5.7	3,323	5.8	36.2	34.8	32.6
5	5	Chronic lower respiratory diseases	1,023	5.3	1,044	5.4	952	5.0	3,019	5.2	34.0	33.6	29.6
6	6	Accidents (unintentional injuries)	995	5.2	932	4.8	949	5.0	2,876	5.0	31.4	28.8	28.9
7	7	Diabetes mellitus	520	2.7	571	2.9	555	2.9	1,646	2.9	17.4	18.3	17.5
8	8	Intentional self-harm (suicide)	358	1.9	359	1.8	365	1.9	1,082	1.9	11.5	11.3	11.2
9	9	Influenza and pneumonia	292	1.5	338	1.7	322	1.7	952	1.7	9.1	10.2	9.6
10	10	Chronic liver disease and cirrhosis	315	1.6	334	1.7	307	1.6	956	1.7	10.3	10.8	9.5
11	11	Essential (primary) hypertension and hypertensive renal disease	233	1.2	276	1.4	285	1.5	794	1.4	7.4	8.3	8.3
12	12	Parkinson's disease	203	1.1	221	1.1	186	1.0	610	1.1	6.5	7.0	5.7
13	13	Nephritis, nephrotic syndrome and nephrosis	189	1.0	182	0.9	156	0.8	527	0.9	6.3	5.7	4.6
14	17	Septicemia	101	0.5	103	0.5	139	0.7	343	0.6	3.3	3.2	4.3
15	15	Viral hepatitis	103	0.5	120	0.6	122	0.6	345	0.6	3.3	3.8	3.8
		All Other Causes	3,129	16.3	3,198	16.5	3,111	16.3	9,438	16.4			
		<b>TOTAL DEATHS</b>	<b>19,157</b>	<b>100.0</b>	<b>19,408</b>	<b>100.0</b>	<b>19,075</b>	<b>100.0</b>	<b>57,640</b>	<b>100.0</b>	<b>623.2</b>	<b>610.1</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. 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 (2001-09 estimates released 2010)

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

## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY SEX, 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 DEATHS				AGE-ADJUSTED RATES <sup>c</sup>		
		MALE		FEMALE		MALE	FEMALE	SAN DIEGO COUNTY
		number of deaths	%	number of deaths	%			
1	Malignant neoplasms	2,528	25.8	2,206	23.7	182.7	125.9	150.1
2	Diseases of heart	2,459	25.1	2,238	24.1	175.7	111.0	139.7
3	Alzheimer's disease	379	3.9	736	7.9	27.3	34.1	31.5
4	Cerebrovascular diseases	449	4.6	631	6.8	32.7	32.2	32.6
5	Chronic lower respiratory diseases	430	4.4	522	5.6	31.8	27.7	29.6
6	Accidents (unintentional injuries)	614	6.3	335	3.6	39.3	18.9	28.9
7	Diabetes mellitus	325	3.3	230	2.5	23.2	12.7	17.5
8	Intentional self-harm (suicide)	268	2.7	97	1.0	17.0	5.8	11.2
9	Influenza and pneumonia	174	1.8	148	1.6	12.2	7.7	9.6
10	Chronic liver disease and cirrhosis	194	2.0	113	1.2	12.5	6.8	9.5
11	Essential (primary) hypertension and hypertensive renal disease	116	1.2	169	1.8	8.2	8.1	8.3
12	Parkinson's disease	122	1.2	64	0.7	9.1	3.4	5.7
13	Nephritis, nephrotic syndrome and nephrosis	84	0.9	72	0.8	6.0	3.6	4.6
14	Septicemia	63	0.6	76	0.8	4.6	4.0	4.3
15	Viral hepatitis	71	0.7	51	0.5	4.6	3.0	3.8
	All Other Causes	1,504	15.4	1,607	17.3			
	<b>TOTAL DEATHS:</b>	<b>9,780</b>	<b>100.0</b>	<b>9,295</b>	<b>100.0</b>	<b>691.2</b>	<b>489.7</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.

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 & Immunizations Services, 05/03/2011

**LEADING CAUSES OF DEATH AMONG MALES AND FEMALES, SAN DIEGO COUNTY, 2009**  
**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)	2,528	25.8	159.1	182.7
2	Diseases of heart	2,459	25.1	154.7	175.7
3	Accidents (unintentional injuries)	614	6.3	38.6	39.3
4	Cerebrovascular diseases	449	4.6	28.3	32.7
5	Chronic lower respiratory diseases	430	4.4	27.1	31.8
6	Alzheimer's disease	379	3.9	23.9	27.3
7	Diabetes mellitus	325	3.3	20.5	23.2
8	Intentional self-harm (suicide)	268	2.7	16.9	17.0
9	Chronic liver disease and cirrhosis	194	2.0	12.2	12.5
10	Influenza and pneumonia	174	1.8	10.9	12.2
	All other causes	1,960	20		
	<b>TOTAL DEATHS</b>	<b>9,780</b>	<b>100.0</b>	<b>615.5</b>	<b>691.2</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	2,238	24.1	140.2	111.0
2	Malignant neoplasms (all cancers)	2,206	23.7	138.2	125.9
3	Alzheimer's disease	736	7.9	46.1	34.1
4	Cerebrovascular diseases	631	6.8	39.5	32.2
5	Chronic lower respiratory diseases	522	5.6	32.7	27.7
6	Accidents (unintentional injuries)	335	3.6	21.0	18.9
7	Diabetes mellitus	230	2.5	14.4	12.7
8	Essential (primary) hypertension and hypertensive	169	1.8	10.6	8.1
9	Influenza and pneumonia	148	1.6	9.3	7.7
10	Chronic liver disease and cirrhosis	113	1.2	7.1	6.8
	All other causes	1,967	21		
	<b>TOTAL DEATHS</b>	<b>9,295</b>	<b>100.0</b>	<b>582.3</b>	<b>489.7</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.

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 Services Branch, 05/03/2011

**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.

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

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**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 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.

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 Services Branch, 05/03/2011

**LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY HHS REGION<sup>†</sup>, 2009**  
**Number and Percent of Deaths**

COUNTY-WIDE RANK in 2009 <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	Malignant neoplasms	778	25.7	885	25.7	645	23.7	667	26.2	831	23.0	909	25.0
2	Diseases of heart	806	26.6	811	23.5	670	24.6	654	25.7	889	24.6	854	23.5
3	Alzheimer's disease	184	6.1	196	5.7	96	3.5	113	4.4	238	6.6	284	7.8
4	Cerebrovascular diseases	175	5.8	194	5.6	152	5.6	147	5.8	191	5.3	217	6.0
5	Chronic lower respiratory diseases	174	5.7	168	4.9	115	4.2	97	3.8	199	5.5	198	5.5
6	Accidents (unintentional injuries)	151	5.0	158	4.6	156	5.7	108	4.2	179	5.0	190	5.2
7	Diabetes mellitus	68	2.2	78	2.3	98	3.6	87	3.4	109	3.0	114	3.1
8	Intentional self-harm (suicide)	60	2.0	77	2.2	64	2.3	37	1.5	70	1.9	57	1.6
9	Influenza and pneumonia	44	1.5	63	1.8	36	1.3	53	2.1	59	1.6	66	1.8
10	Chronic liver disease and cirrhosis	42	1.4	53	1.5	59	2.2	48	1.9	59	1.6	45	1.2
11	Essential (primary) hypertension and hypertensive renal disease	48	1.6	59	1.7	48	1.8	26	1.0	64	1.8	40	1.1
12	Parkinson's disease	26	0.9	52	1.5	12	0.4	14	0.5	35	1.0	47	1.3
13	Nephritis, nephrotic syndrome and nephrosis	22	0.7	29	0.8	22	0.8	27	1.1	30	0.8	26	0.7
14	Septicemia	11	0.4	28	0.8	30	1.1	20	0.8	27	0.7	23	0.6
15	Viral hepatitis	13	0.4	14	0.4	29	1.1	16	0.6	30	0.8	19	0.5
	All Other Causes	431	14.2	581	16.9	495	18.2	432	17.0	600	16.6	544	15.0
	<b>TOTAL DEATHS:</b>	<b>3,033</b>	<b>100.0</b>	<b>3,446</b>	<b>100.0</b>	<b>2,727</b>	<b>100.0</b>	<b>2,546</b>	<b>100.0</b>	<b>3,610</b>	<b>100.0</b>	<b>3,633</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 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>†</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 (2001-09 estimates released 2010)

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



## LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY HHSA REGION<sup>†</sup>, 2009

Age-Adjusted Rates

COUNTY-WIDE RANK in 2009 <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	Malignant neoplasms	140.5	131.7	166.0	159.3	169.3	144.9	150.1
2	Diseases of heart	130.4	114.1	168.9	154.5	168.2	122.6	139.7
3	Alzheimer's disease	27.4	26.6	24.2	26.4	43.3	37.3	31.5
4	Cerebrovascular diseases	28.5	27.5	39.2	34.8	37.1	31.7	32.6
5	Chronic lower respiratory diseases	29.7	24.4	30.6	23.5	39.5	29.9	29.6
6	Accidents (unintentional injuries)	25.8	23.5	32.2	24.2	36.3	31.1	28.9
7	Diabetes mellitus	12.4	11.7	25.7	20.6	21.9	17.3	17.5
8	Intentional self-harm (suicide)	10.5	11.6	13.2	8.3	14.5	9.5	11.2
9	Influenza and pneumonia	7.3	8.8	8.8	12.4	11.5	9.7	9.6
10	Chronic liver disease and cirrhosis	7.4	8.0	13.5	11.3	11.2	7.2	9.5
11	Essential (primary) hypertension and hypertensive renal disease	7.4	8.1	11.7	6.3	12.2	5.2	8.3
12	Parkinson's disease	4.0	7.6	*	*	7.0	7.2	5.7
13	Nephritis, nephrotic syndrome and nephrosis	3.9	4.1	5.5	6.3	5.7	3.6	4.6
14	Septicemia	*	3.9	7.3	4.8	5.5	3.7	4.3
15	Viral hepatitis	*	*	6.6	*	5.9	*	3.8
<b>TOTAL DEATHS:</b>		<b>512.3</b>	<b>498.5</b>	<b>670.8</b>	<b>599.2</b>	<b>705.5</b>	<b>545.7</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>†</sup> HHSA Regions were created by grouping contiguous zip codes.

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

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

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

## LEADING CAUSES OF DEATH IN EACH HHSA REGION <sup>†</sup>, SAN DIEGO COUNTY, 2009

### 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	806	26.6	146.0	130.4
2	Malignant neoplasms (all cancers)	778	25.7	140.9	140.5
3	Alzheimer's disease	184	6.1	33.3	27.4
4	Cerebrovascular diseases	175	5.8	31.7	28.5
5	Chronic lower respiratory diseases	174	5.7	31.5	29.7
6	Accidents (unintentional injuries)	151	5.0	27.3	25.8
7	Diabetes mellitus	68	2.2	12.3	12.4
8	Intentional self-harm (suicide)	60	2.0	10.9	10.5
9	Essential (primary) hypertension and hypertensive renal disease	48	1.6	8.7	7.4
10	Influenza and pneumonia	44	1.5	8.0	7.3
	All other causes	545	18.0		
	<b>TOTAL DEATHS</b>	<b>3,033</b>	<b>100.0</b>	<b>549.3</b>	<b>512.3</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)	885	25.7	144.2	131.7
2	Diseases of heart	811	23.5	132.1	114.1
3	Alzheimer's disease	196	5.7	31.9	26.6
4	Cerebrovascular diseases	194	5.6	31.6	27.5
5	Chronic lower respiratory diseases	168	4.9	27.4	24.4
6	Accidents (unintentional injuries)	158	4.6	25.7	23.5
7	Diabetes mellitus	78	2.3	12.7	11.7
8	Intentional self-harm (suicide)	77	2.2	12.5	11.6
9	Influenza and pneumonia	63	1.8	10.3	8.8
10	Essential (primary) hypertension and hypertensive renal disease	59	1.7	9.6	8.1
	All other causes	757	22.0		
	<b>TOTAL DEATHS</b>	<b>3,446</b>	<b>100.0</b>	<b>561.4</b>	<b>498.5</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	670	24.6	132.8	168.9
2	Malignant neoplasms (all cancers)	645	23.7	127.9	166.0
3	Accidents (unintentional injuries)	156	5.7	30.9	32.2
4	Cerebrovascular diseases	152	5.6	30.1	39.2
5	Chronic lower respiratory diseases	115	4.2	22.8	30.6
6	Diabetes mellitus	98	3.6	19.4	25.7
7	Alzheimer's disease	96	3.5	19.0	24.2
8	Intentional self-harm (suicide)	64	2.3	12.7	13.2
9	Chronic liver disease and cirrhosis	59	2.2	11.7	13.5
10	Essential (primary) hypertension and hypertensive renal disease	48	1.8	9.5	11.7
	All other causes	624	22.9		
	<b>TOTAL DEATHS</b>	<b>2,727</b>	<b>100.0</b>	<b>540.7</b>	<b>670.8</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 (2001-09 estimates released 2010)

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

## LEADING CAUSES OF DEATH IN EACH HHSA REGION <sup>†</sup>, SAN DIEGO COUNTY, 2009 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)	667	26.2	143.0	159.3
2	Diseases of heart	654	25.7	140.2	154.5
3	Cerebrovascular diseases	147	5.8	31.5	34.8
4	Alzheimer's disease	113	4.4	24.2	26.4
5	Accidents (unintentional injuries)	108	4.2	23.2	24.2
6	Chronic lower respiratory diseases	97	3.8	20.8	23.5
7	Diabetes mellitus	87	3.4	18.7	20.6
8	Influenza and pneumonia	53	2.1	11.4	12.4
9	Chronic liver disease and cirrhosis	48	1.9	10.3	11.3
10	Intentional self-harm (suicide)	37	1.5	7.9	8.3
	All other causes	535	21.0		
	<b>TOTAL DEATHS</b>	<b>2,546</b>	<b>100.0</b>	<b>545.8</b>	<b>599.2</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	889	24.6	188.2	168.2
2	Malignant neoplasms (all cancers)	831	23.0	175.9	169.3
3	Alzheimer's disease	238	6.6	50.4	43.3
4	Chronic lower respiratory diseases	199	5.5	42.1	39.5
5	Cerebrovascular diseases	191	5.3	40.4	37.1
6	Accidents (unintentional injuries)	179	5.0	37.9	36.3
7	Diabetes mellitus	109	3.0	23.1	21.9
8	Intentional self-harm (suicide)	70	1.9	14.8	14.5
9	Essential (primary) hypertension and hypertensive renal disease	64	1.8	13.5	12.2
10	Influenza and pneumonia	59	1.6	12.5	11.5
	All other causes	781	21.6		
	<b>TOTAL DEATHS</b>	<b>3,610</b>	<b>100.0</b>	<b>764.3</b>	<b>705.5</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)	909	25.0	157.7	144.9
2	Diseases of heart	854	23.5	148.2	122.6
3	Alzheimer's disease	284	7.8	49.3	37.3
4	Cerebrovascular diseases	217	6.0	37.7	31.7
5	Chronic lower respiratory diseases	198	5.5	34.4	29.9
6	Accidents (unintentional injuries)	190	5.2	33.0	31.1
7	Diabetes mellitus	114	3.1	19.8	17.3
8	Influenza and pneumonia	66	1.8	11.5	9.7
9	Intentional self-harm (suicide)	57	1.6	9.9	9.5
10	Parkinson's disease	47	1.3	8.2	7.2
	All other causes	697	19.2		
	<b>TOTAL DEATHS</b>	<b>3,633</b>	<b>100.0</b>	<b>630.4</b>	<b>545.7</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.

<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 (2001-09 estimates released 2010)

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

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

**Table 1. Age <1 year**

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

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

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

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

Rank <sup>a</sup> in 2009	Cause of Death <sup>b</sup>	2009			2007-2009		
		Number of Deaths	%	Age-Specific Rate <sup>c</sup>	Number of Deaths	%	Age-Specific Rate <sup>c</sup>
1	Malignant neoplasms (all cancers)	15	30.0	*	43	29.9	3.6
2	Accidents (unintentional injuries)	12	24.0	*	33	22.9	2.7
	<i>Causes of fewer than 4 deaths are not listed</i>						
	All other causes	23	46.0		68	47.2	
	<b>TOTAL DEATHS</b>	<b>50</b>	<b>100.0</b>	<b>12.4</b>	<b>144</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. 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 (2001-09 estimates released 2010)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Table 11. Ages 85+ years**

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

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