

LEADING CAUSES OF DEATH AMONG SAN DIEGO COUNTY RESIDENTS BY RACE/ETHNICITY, 2010

Number and Percent of Deaths and Age-adjusted Rates

COUNTY-WIDE RANK in 2010 ^a	CAUSE OF DEATH ^b	NUMBER AND PERCENT OF DEATH								AGE-ADJUSTED RATES ^c				
		HISPANIC (ANY RACE)		WHITE NON-HISPANIC		BLACK NON-HISPANIC		ASIAN NON-HISPANIC		RACE/ETHNICITY				SAN DIEGO COUNTY
		number of deaths	%	number of deaths	%	number of deaths	%	number of deaths	%	HISPANIC (ANY RACE)	WHITE NON-HISPANIC	BLACK NON-HISPANIC	ASIAN NON-HISPANIC	
1	Malignant neoplasms	679	25.6	3,519	24.7	223	25.6	349	29.5	130.7	172.4	204.9	120.6	161.3
2	Diseases of heart	536	20.2	3,462	24.3	225	25.9	267	22.6	118.8	152.8	218.1	103.9	146.6
3	Alzheimer's disease	120	4.5	992	7.0	26	3.0	41	3.5	30.2	40.4	33.9	18.2	37.2
4	Chronic lower respiratory diseases	51	1.9	928	6.5	32	3.7	40	3.4	11.5	43.9	35.0	16.6	35.7
5	Cerebrovascular diseases	152	5.7	721	5.1	49	5.6	102	8.6	33.1	32.2	53.0	37.8	33.7
6	Accidents (unintentional injuries)	144	5.4	671	4.7	44	5.1	39	3.3	18.9	36.6	31.5	13.3	29.2
7	Diabetes mellitus	148	5.6	309	2.2	56	6.4	49	4.1	30.5	14.7	57.1	18.6	19.1
8	Intentional self-harm (suicide)	48	1.8	270	1.9	9	1.0	21	1.8	5.0	15.1	*	5.8	11.0
9	Chronic liver disease and cirrhosis	78	2.9	205	1.4	10	1.1	10	0.8	11.8	10.8	*	*	9.9
10	Influenza and pneumonia	45	1.7	216	1.5	10	1.1	13	1.1	9.5	9.4	*	*	9.2
11	Essential (primary) hypertension and hypertensive renal disease	32	1.2	217	1.5	11	1.3	15	1.3	7.3	9.5	*	*	9.0
12	Parkinson's disease	18	0.7	186	1.3	3	0.3	5	0.4	*	8.6	*	*	7.2
13	Nephritis, nephrotic syndrome and nephrosis	25	0.9	95	0.7	4	0.5	12	1.0	5.3	4.1	*	*	4.5
14	Septicemia	26	1.0	85	0.6	4	0.5	10	0.8	5.7	4.1	*	*	4.4
15	Viral hepatitis	36	1.4	68	0.5	4	0.5	11	0.9	5.5	3.2	*	*	3.8
	All Other Cause	518	19.5	2,319	16.3	160	18.4	200	16.9					
	TOTAL DEATHS:	2,656	100.0	14,263	100.0	870	100.0	1,184	100.0	520.8	669.5	828.1	440.8	627.6

^a Rank is based on total number of deaths in each of the National Center for Health Statistics (NCHS) "rankable" categories. The top 15 leading causes of death presented here are based on the county-wide rank among San Diego County residents in 2010.

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

^c All rates are per 100,000 population and are adjusted to 2000 U.S. Standard Population.

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

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

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files; SANDAG January 1 population estimates (2001-2010 estimates released July 2012)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunization Branch Services, 7/26/2012

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

Rank ^a in 2010	Cause of Death ^b	2010				2008-2010			
		Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms (all cancers)	22	27.2	156.1	176.3	55	22.8	127.9	142.0
2	Diseases of heart	10	12.3	*	*	45	18.7	104.6	116.9
3	Accidents (unintentional injuries)	10	12.3	*	*	34	14.1	79.1	79.3
4	Diabetes mellitus	6	7.4	*	*	12	5.0	*	*
5	Cerebrovascular diseases	4	4.9	*	*	11	4.6	*	*
	<i>Causes of fewer than 4 deaths are not listed</i>								
	All other causes	29	36			84	35		
	TOTAL DEATHS	81	100.0	574.5	689.2	241	100.0	560.5	619.1

Table 2. Asian (non-Hispanic)

Rank ^a in 2010	Cause of Death ^b	2010				2008-2010			
		Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms (all cancers)	349	29.5	106.4	120.6	1,021	30.4	106.7	119.9
2	Diseases of heart	267	22.6	81.4	103.9	761	22.7	79.5	99.5
3	Cerebrovascular diseases	102	8.6	31.1	37.8	286	8.5	29.9	36.6
4	Diabetes mellitus	49	4.1	14.9	18.6	140	4.2	14.6	17.7
5	Alzheimer's disease	41	3.5	12.5	18.2	110	3.3	11.5	16.0
6	Chronic lower respiratory diseases	40	3.4	12.2	16.6	102	3.0	10.7	13.8
7	Accidents (unintentional injuries)	39	3.3	11.9	13.3	115	3.4	12.0	13.0
8	Intentional self-harm (suicide)	21	1.8	6.4	5.8	63	1.9	6.6	6.2
	Essential (primary) hypertension and hypertensive renal disease	15	1.3	*	*	42	1.3	4.4	5.7
10	Neoplasms - in situ, benign or unk behavior	13	1.1	*	*	27	0.8	2.8	3.4
	All other causes	248	21			688	20.5		
	TOTAL DEATHS	1,184	100.0	360.9	440.8	3,355	100.0	350.6	420.9

Table 3. Black (non-Hispanic)

Rank ^a in 2010	Cause of Death ^b	2010				2008-2010			
		Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Diseases of heart	225	25.9	153.5	218.1	623	23.7	141.3	197.4
2	Malignant neoplasms (all cancers)	223	25.6	152.1	204.9	674	25.7	152.8	209.5
3	Diabetes mellitus	56	6.4	38.2	57.1	134	5.1	30.4	44.9
4	Cerebrovascular diseases	49	5.6	33.4	53.0	156	5.9	35.4	51.9
5	Accidents (unintentional injuries)	44	5.1	30.0	31.5	128	4.9	29.0	29.9
6	Chronic lower respiratory diseases	32	3.7	21.8	35.0	87	3.3	19.7	29.1
7	Alzheimer's disease	26	3.0	17.7	33.9	85	3.2	19.3	32.1
8	Human immunodeficiency virus (HIV) disease	12	1.4	*	*	41	1.6	9.3	9.5
	Essential (primary) hypertension and hypertensive renal disease	11	1.3	*	*	47	1.8	10.7	14.3
10	Influenza and pneumonia	10	1.1	*	*	29	1.1	6.6	9.7
	All other causes	182	21			622	23.7		
	TOTAL DEATHS	870	100.0	593.5	828.1	2,626	100.0	595.4	806.3

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

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

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

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

Source: California Department of Public Health, Center for Health Statistics, Office of Health Information and Research, Death Statistical Master Files; SANDAG January 1 population estimates (2001-2010 estimates released July 2012)

Prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Epidemiology & Immunization Services Branch, 7/26/2012

LEADING CAUSES OF DEATH IN EACH RACIAL/ETHNIC GROUP, SAN DIEGO COUNTY, 2010
Number and Percent of Deaths, Crude Rates and Age-adjusted Rates

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

Rank ^a in 2010	Cause of Death ^b	2010				2008-2010			
		Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Diseases of heart	20	24	148	215	74	28.5	184.9	291.7
2	Malignant neoplasms (all cancers)	19	23	141	190	54	20.8	134.9	184.9
3	Diabetes mellitus	7	8	*	*	22	8.5	55.0	93.9
4	Alzheimer's disease	4	5	*	*	6	2.3	*	*
5	Cerebrovascular diseases	4	5	*	*	19	7.3	*	*
	<i>Causes of fewer than 4 deaths are not listed</i>								
	All other causes	29	35			85	33		
	TOTAL DEATHS	83	100.0	614.6	876.6	260	100.0	649.7	986.3

Table 5. Hispanic (any race)

Rank ^a in 2010	Cause of Death ^b	2010				2008-2010			
		Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms (all cancers)	679	25.6	68.5	130.7	1,975	24.6	68.4	136.5
2	Diseases of heart	536	20.2	54.1	118.8	1,631	20.3	56.5	130.3
3	Cerebrovascular diseases	152	5.7	15.3	33.1	472	5.9	16.4	36.3
4	Diabetes mellitus	148	5.6	14.9	30.5	400	5.0	13.9	29.9
5	Accidents (unintentional injuries)	144	5.4	14.5	18.9	508	6.3	17.6	22.8
6	Alzheimer's disease	120	4.5	12.1	30.2	293	3.7	10.2	26.7
7	Chronic liver disease and cirrhosis	78	2.9	7.9	11.8	232	2.9	8.0	12.8
8	Chronic lower respiratory diseases	51	1.9	5.1	11.5	197	2.5	6.8	16.0
9	Intentional self-harm (suicide)	48	1.8	4.8	5.0	136	1.7	4.7	5.1
10	Influenza and pneumonia	45	1.7	4.5	9.5	160	2.0	5.5	11.8
	All other causes	655	25			2,023	25.2		
	TOTAL DEATHS	2,656	100.0	267.9	520.8	8,027	100	278.2	556.8

Table 6. White (non-Hispanic)

Rank ^a in 2010	Cause of Death ^b	2010				2008-2010			
		Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c	Number of Deaths	%	Crude Rate ^c	Age-adjusted Rate ^c
1	Malignant neoplasms (all cancers)	3,519	24.7	234.6	172.4	10,426	24.4	230.4	170.2
2	Diseases of heart	3,462	24.3	230.8	152.8	10,763	25.2	237.9	157.1
3	Alzheimer's disease	992	7.0	66.1	40.4	2,930	6.9	64.8	39.5
4	Chronic lower respiratory diseases	928	6.5	61.9	43.9	2,628	6.1	58.1	41.0
5	Cerebrovascular diseases	721	5.1	48.1	32.2	2,272	5.3	50.2	33.3
6	Accidents (unintentional injuries)	671	4.7	44.7	36.6	1,963	4.6	43.4	35.9
7	Diabetes mellitus	309	2.2	20.6	14.7	979	2.3	21.6	15.5
8	Intentional self-harm (suicide)	270	1.9	18.0	15.1	833	1.9	18.4	15.9
	Essential (primary) hypertension and hypertensive renal disease	217	1.5	14.5	9.5	635	1.5	14.0	8.9
10	Influenza and pneumonia	216	1.5	14.4	9.4	697	1.6	15.4	10.0
	All other causes	2,958	21			8,626	20.2		
	TOTAL DEATHS	14,263	100.0	950.8	669.5	42,752	100	944.9	664.8

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

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

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

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

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