

# County of San Diego Community Profiles

## South Region Profile by Subregional Area (SRA)

### **SUBREGIONAL AREAS:**

Chula Vista  
Coronado  
National City  
South Bay  
Sweetwater

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# Acknowledgements

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**We acknowledge the contributions of the following individuals for their work in the preparation of this document:**

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# **INTRODUCTION**

## **Introduction**

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### **Community Health Statistics**

The Community Health Statistics unit was created to provide a means of sharing information about the health behaviors, diseases, injuries, and demographic characteristics of specific populations in San Diego County. This unit aims to supply health professionals with community level data describing the health trends and needs of the residents of our County. Community Health Statistics also provides or refers persons to available local, state and national statistics.

### **Purpose**

This profile is a compilation of information made available to the public health community and public policy-makers to better understand and manage the health and well-being of the residents of our County.

The purpose of this profile is to provide detailed information about the health and characteristics of the people living in San Diego County. It is designed to help the Health and Human Services Agency staff in each of the Health and Human Services Regions (Regions) identify problems and priority needs within their communities.

### **Regional Data**

Please see [Important Information](#) in the data guide section for explanation of geographic boundaries as well as information on methods used here, age adjusted rates, and notes on comparing data.

### **Navigating the Document**

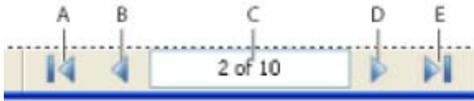
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**Use links** to jump to a section or page from a list

The Table of Contents (page 4) has many links to quickly jump to the specific section of interest. Within the document, some title pages have lists that are linked to quickly jump to a topic within a section. These links are not underlined, but can be identified when the hand icon (  ) turns into a pointing hand (  ) when hovering over an item.

There are also links outside the document for more information on a subject. These are underlined and require internet access. They may be identified by the pointing hand with a “w” for web access.

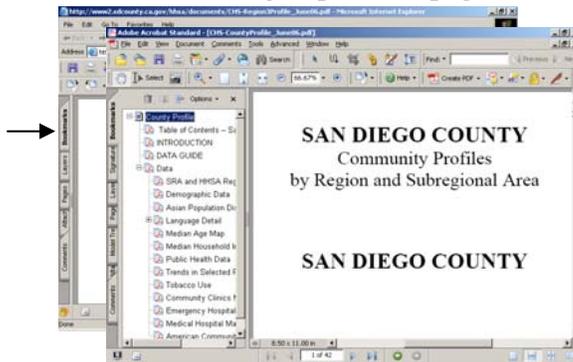
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- A- go to 1<sup>st</sup> page
- B- go back one page
- C- enter a page number to go to
- D- go forward one page
- E- go to last page

**Use bookmarks** to jump to a section

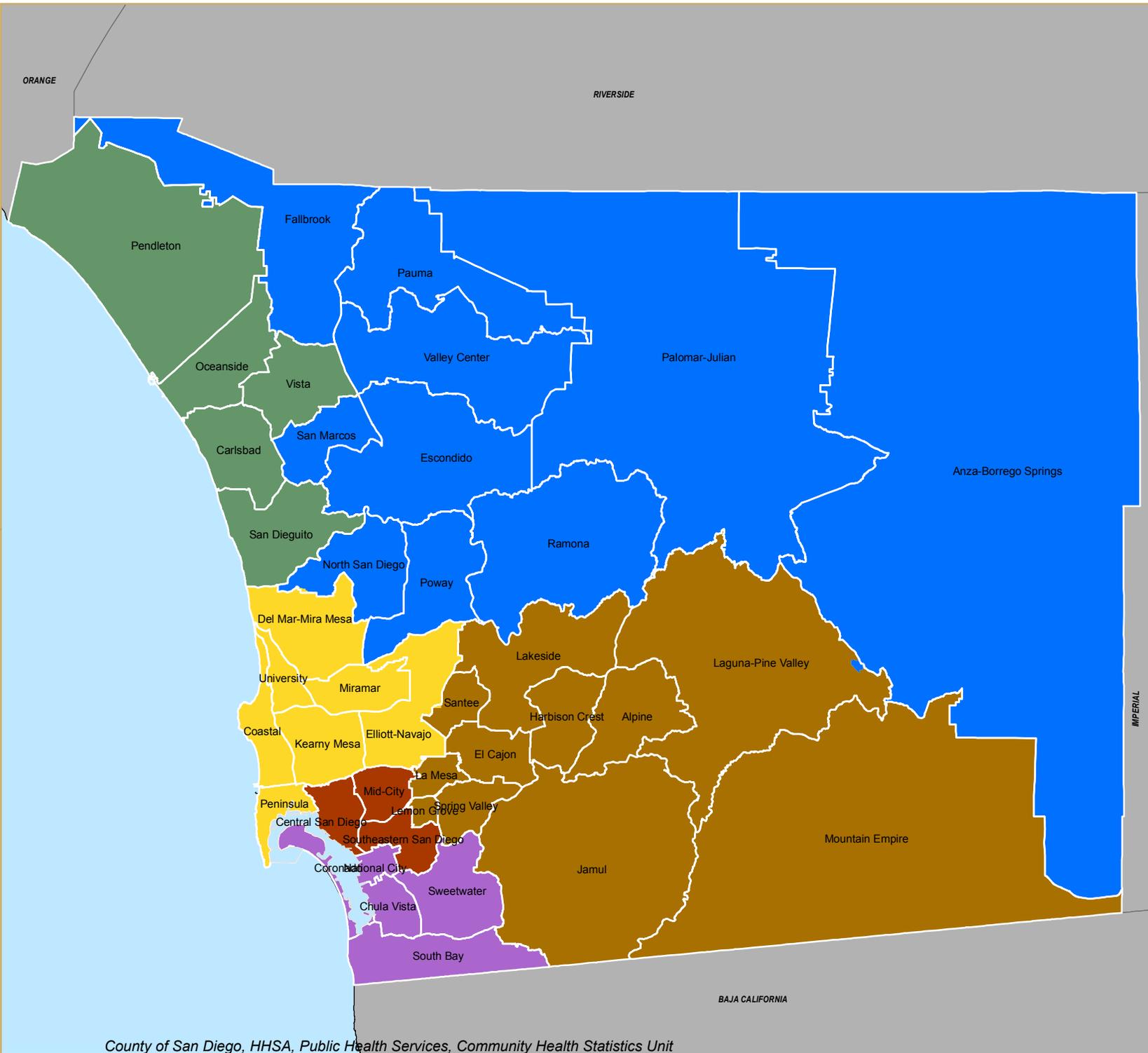
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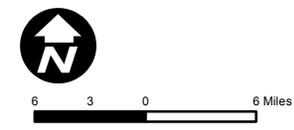
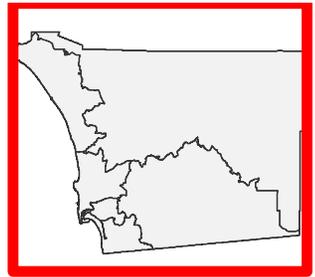
# San Diego County South Region Profile

<b>Zip Codes Representing South Region</b>	
<b>SRA</b>	<b>Zip Codes</b>
Chula Vista	91910 91911
Coronado	92118 92135 92155
National City	91950
South Bay	91932 92154 92173
Sweetwater	91902 91913 91914 91915



**SRA and Regional Boundaries in San Diego County**

-  SRA Boundary
- Region**
- RegName**
-  Central
-  East
-  North Central
-  North Coastal
-  North Inland
-  South

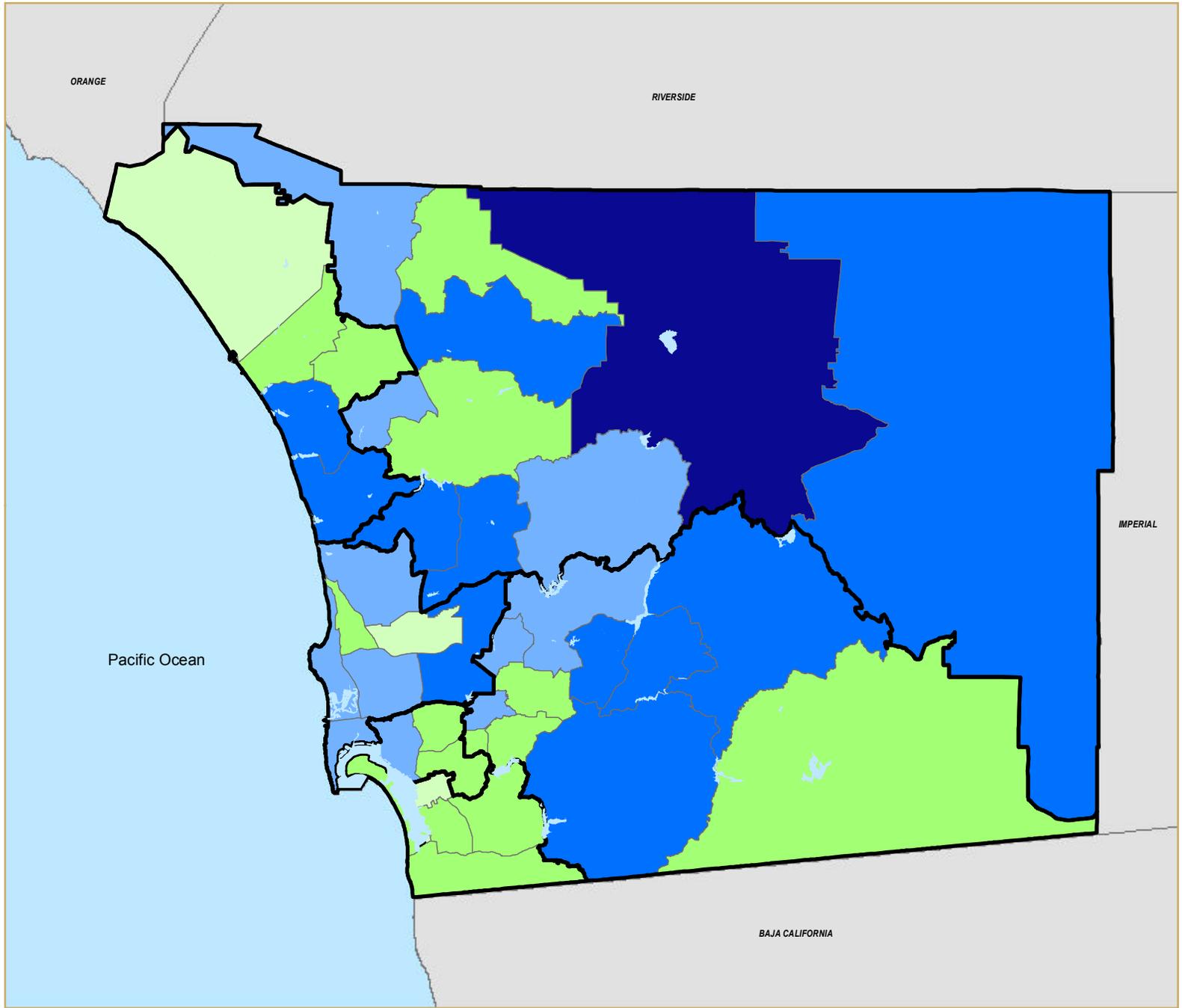


COUNTY OF SAN DIEGO  
 **HHSA**  
 HEALTH AND HUMAN SERVICES AGENCY

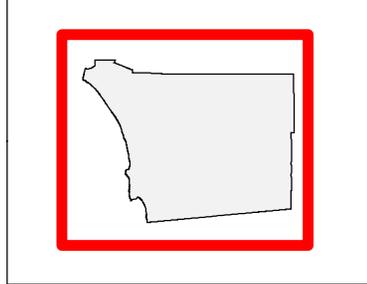
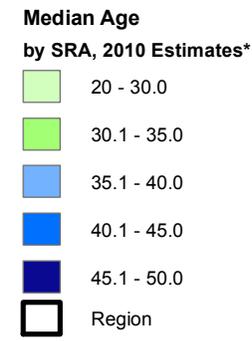
 **SanGIS**  
 BY THE SAN DIEGO COUNTY HEALTH AND HUMAN SERVICES AGENCY

Maps Prepared by County of San Diego, HHSA, Emergency Medical Services, 619.285.6429.

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**Median Age by Subregional Area (SRA) in San Diego County**



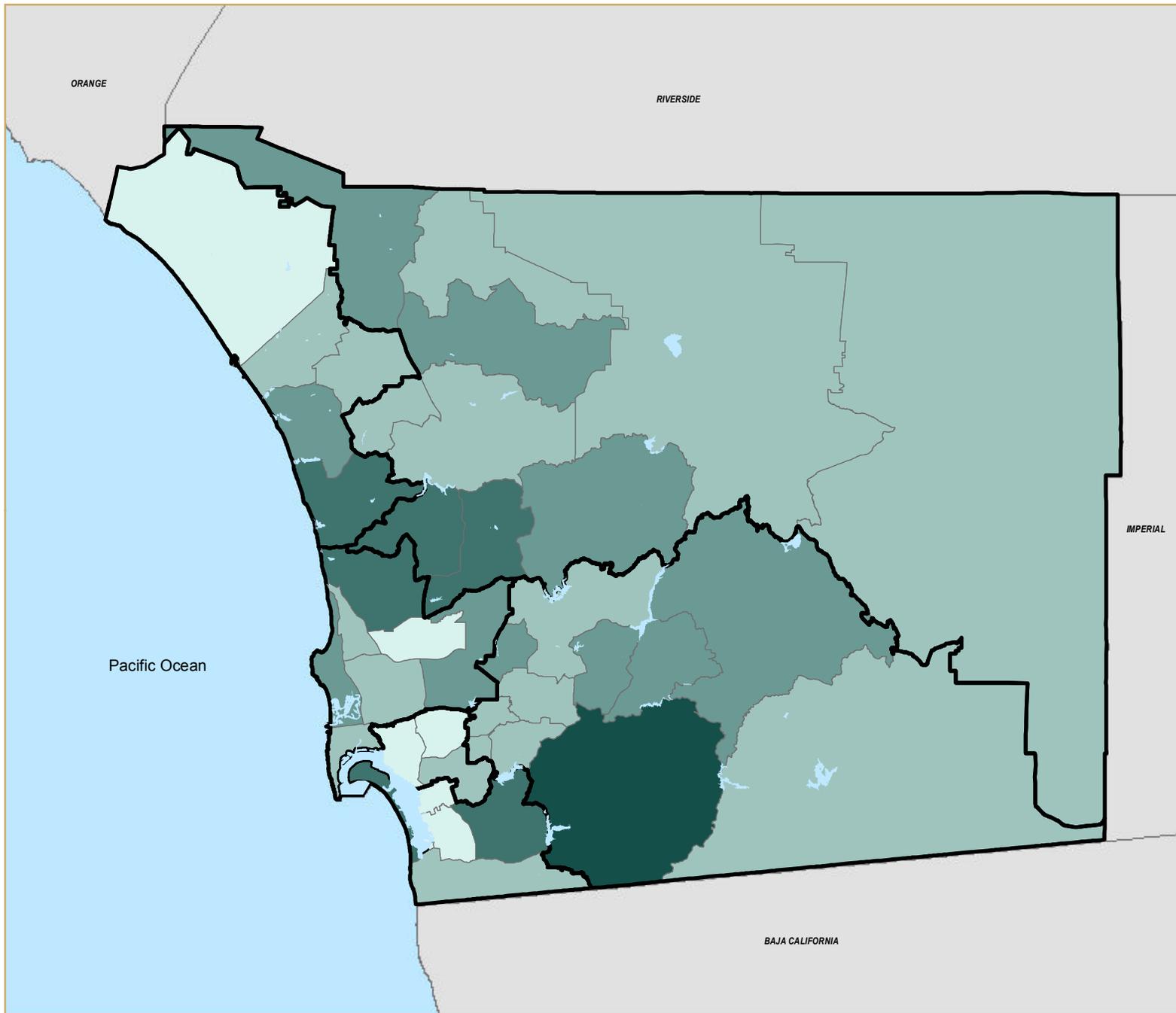
\*Data source: Demographic estimates, San Diego Assn of Governments (SANDAG). Maps Prepared by County of San Diego, HHSA, PHS, Emergency Medical Services. Contact: Isabel Corcos or Leslie Ray, 619-285-6429



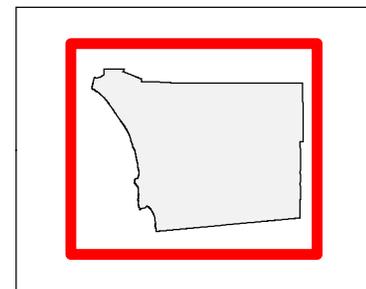
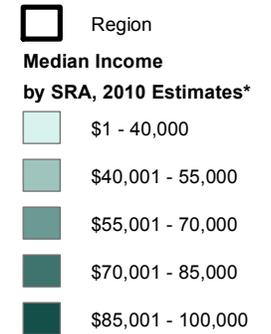
Map Date: 2011  
 Contact: Isabel Corcos or Leslie Ray,  
 County of San Diego Emergency Medical Services  
 619.285.6429

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### Median Income by Subregional Area (SRA) in San Diego County

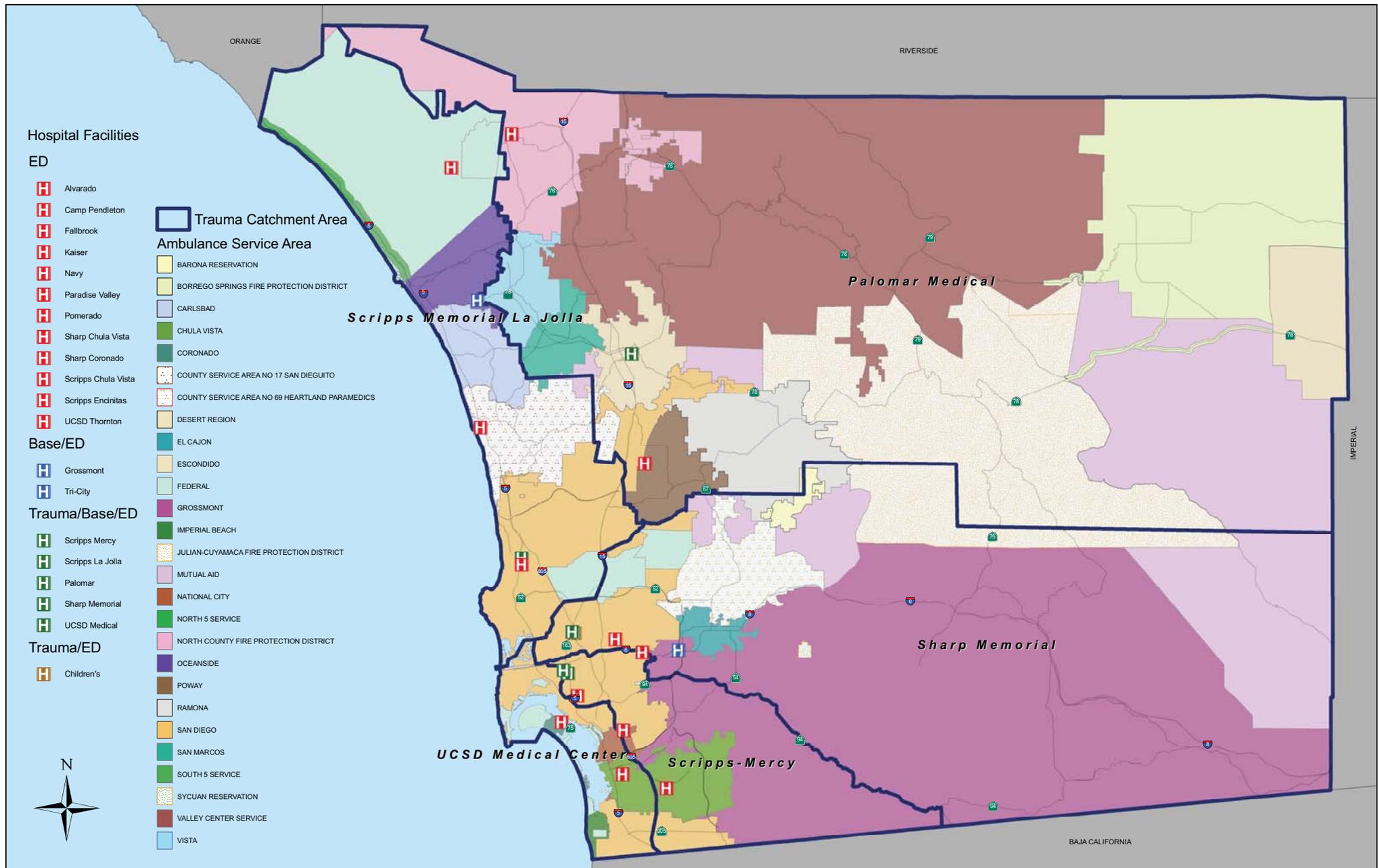


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 619.285.6429

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 D\_North\_American\_1983\_Feet

\*Data source: Demographic estimates, San Diego Assn of Governments (SANDAG). Maps Prepared by County of San Diego, HHS, PHS, Emergency Medical Services. Contact: Isabel Corcos or Leslie Ray, 619-285-6429

# County of San Diego Medical Resources Hospitals, Trauma Catchment Areas, and Ambulance Service Areas



## San Diego County Subregional Area Profiles (2000-2009)

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*								
Coronary Heart Disease Deaths†	4,552	161.8	4,512	157.6	4,247	145.4	4,180	140.7	4,019	133.4
Coronary Heart Disease Hospitalizations†	14,512	515.7	14,184	495.3	14,176	485.5	13,254	446.0	12,471	413.9
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	1,578	56.1	1,616	56.4	1,459	50.0	1,521	51.2	1,423	47.2
Stroke Hospitalizations†	7,484	266.0	7,267	253.8	6,938	237.6	6,776	228.0	6,339	210.4
Stroke ED Discharges†										
Diabetes Deaths†	481	17.1	491	17.1	475	16.3	499	16.8	531	17.6
Diabetes Hospitalizations†	2,949	104.8	2,883	100.7	3,041	104.1	3,166	106.5	3,245	107.7
Diabetes ED Discharges†										
Asthma Deaths†	36	1.3	44	1.5	32	1.1	31	1.0	24	0.8
Asthma Hospitalizations†	2,463	87.5	2,418	84.4	2,416	82.7	2,619	88.1	2,263	75.1
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	1,028	36.5	1,133	39.6	965	33.0	1,020	34.3	1,022	33.9
COPD Hospitalizations†	3,692	131.2	3,662	127.9	3,445	118.0	3,295	110.9	2,954	98.0
COPD ED Discharges†										
All Cancer Deaths†	4,724	167.9	4,666	162.9	4,584	157.0	4,715	158.7	4,631	153.7
Prostate Cancer Deaths (among males)†	292	20.6	287	20.0	274	18.8	312	21.0	268	17.8
Cervical Cancer Deaths (among females)†	34	2.4	46	3.2	27	1.9	27	1.8	27	1.8
Female Breast Cancer Deaths (among females)†	415	29.7	373	26.1	407	27.9	362	24.4	350	23.2
Colorectal Cancer Deaths†	444	15.8	431	15.1	431	14.8	423	14.2	434	14.4
Lung Cancer Deaths†	1,248	44.4	1,228	42.9	1,148	39.3	1,147	38.6	1,187	39.4
Arthritis Hospitalizations†	6,354	225.8	6,756	235.9	6,925	237.2	7,333	246.8	7,583	251.7
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	4,327	153.8	4,898	171.0	4,994	171.0	4,817	162.1	4,990	165.6
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	295	10.5	331	11.6	326	11.2	316	10.6	320	10.6
Chronic Hepatitis C Reported†	3,323	118.1	3,448	120.4	3,044	104.2	2,719	91.5	3,323	110.3
Chlamydia Reported, Underestimate††	8,637	306.9	9,168	320.2	10,225	350.2	10,249	344.9	10,822	359.2
Gonorrhea Reported, Underestimate††	1,797	63.9	1,875	65.5	2,128	72.9	1,972	66.4	2,376	78.9
Primary and Secondary Syphilis Reported†	27	1.0	27	0.9	38	1.3	109	3.7	136	4.5
Live Births†, % of County's Births	44,272	100.0%	43,758	100.0%	43,951	100.0%	45,368	100.0%	45,758	100.0%
Live Births to Girls, Ages 15-17†, % of County's births	1,321	3.0%	1,223	2.8%	1,155	2.6%	1,131	2.5%	1,163	2.5%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	36,085	83.2%	36,120	84.7%	37,495	86.8%	39,045	87.8%	39,284	87.7%
Live Births born Preterm†, % of County's births	4,392	10.6%	4,356	10.6%	4,390	10.6%	4,440	10.3%	4,756	11.0%
Low Birth Weight Births†, % of County's births	2,668	6.0%	2,644	6.0%	2,682	6.1%	2,782	6.1%	2,953	6.5%
Very Low Birth Weight Births†, % of County's births	561	1.3%	520	1.2%	476	1.1%	509	1.1%	543	1.2%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	228	5.1	213	4.8	207	4.7	210	4.6	224	4.9
Infant Mortality†, Rate per 1,000 live births	263	5.9	246	5.6	197	4.5	210	4.6	246	5.4
Unintentional Injury Deaths†	729	25.9	717	25.0	790	27.1	807	27.2	863	28.6
Unintentional Injury Hospitalizations†	18,039	641.1	18,236	636.8	19,037	651.9	19,528	657.1	19,172	636.3
Unintentional Injury ED Discharges†										
Fall-related Deaths†	128	4.5	107	3.7	134	4.6	144	4.8	137	4.5
Fall-related Hospitalizations†	8,556	304.1	8,360	269.1	8,955	292.0	8,986	296.5	9,045	296.0
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	273	9.7	247	8.6	279	9.6	306	10.3	315	10.5
Overdose/Poisoning Hospitalizations†	2,294	81.5	2,389	83.4	2,291	78.5	2,098	70.6	2,158	71.6
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	206	7.3	287	10.0	308	10.5	291	9.8	321	10.7
Hospitalizations due to MV Injury†	3,318	117.9	3,187	111.3	3,443	117.9	3,443	115.9	3,363	111.6
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	23,660	840.8	24,115	842.1	24,739	847.2	24,570	826.8	24,875	825.6
Alcohol-involved MVC Injuries†	2,822	100.3	3,058	106.8	3,035	103.9	3,167	106.6	3,256	108.1
Drinking Drivers Involved in MV Crashes†	1,781	63.3	1,993	69.6	1,977	67.7	1,972	66.4	2,098	69.6
Active Restraint Use, % of MVO Injured, Ages 6+ †	15,748	84.2%	15,960	83.3%	15,984	82.2%	15,886	82.2%	16,269	87.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	164	40.8%	158	40.0%	225	58.7%	202	56.9%	182	57.1%
Pedestrian Deaths due to MVC†	51	1.8	60	2.1	80	2.7	63	2.1	56	1.9
Pedestrian Hospitalizations due to MVC†	381	13.5	377	13.2	415	14.2	392	13.2	378	12.5
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	1,153	41.0	1,172	40.9	1,190	40.8	1,112	37.4	1,197	39.7
Homicide†	96	3.4	99	3.5	96	3.3	136	4.6	138	4.6
Assault Hospitalizations†	1,207	42.9	1,262	44.1	1,257	43.0	1,469	49.4	1,514	50.2
Assault Injury ED Discharges†										
Suicide†	333	11.8	314	11.0	308	10.5	326	11.0	311	10.3
Self-Inflicted Hospitalizations†	1,670	59.3	1,895	66.2	1,824	62.5	1,666	56.1	1,577	52.3
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	202	7.2	217	7.6	195	6.7	248	8.3	213	7.1
Firearm-related Hospitalizations†	174	6.2	221	7.7	204	7.0	230	7.7	288	9.6
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

‡ Rates and percents not calculated for fewer than 5 events.

§ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## San Diego County Subregional Area Profiles (2000-2009)

Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	3,767	123.9	3,537	115.4	3,489	112.5	3,496	111.1	3,415	107.2
Coronary Heart Disease Hospitalizations†	12,055	396.6	11,075	361.3	10,514	339.1	9,973	317.0	10,129	318.0
Coronary Heart Disease ED Discharges†			897	29.3	790	25.5	827	26.3	784	24.6
Stroke Deaths†	1,218	40.1	1,147	37.4	1,122	36.2	1,121	35.6	1,080	33.9
Stroke Hospitalizations†	6,393	210.3	6,435	209.9	6,432	207.5	6,488	206.2	6,734	211.4
Stroke ED Discharges†			1,288	42.0	1,350	43.5	1,321	42.0	1,306	41.0
Diabetes Deaths†	604	19.9	612	20.0	520	16.8	571	18.1	555	17.4
Diabetes Hospitalizations†	3,406	112.1	3,729	121.7	3,986	128.6	3,972	126.2	4,029	126.5
Diabetes ED Discharges†			4,179	136.3	4,269	137.7	4,302	136.7	4,228	132.7
Asthma Deaths†	41	1.3	35	1.1	30	1.0	38	1.2	22	0.7
Asthma Hospitalizations†	2,087	68.7	1,898	61.9	2,091	67.4	2,267	72.1	2,433	76.4
Asthma ED Discharges†			9,217	300.7	9,573	308.8	9,251	294.0	9,779	307.0
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	1,066	35.1	998	32.6	973	31.4	992	31.5	916	28.8
COPD Hospitalizations†	2,908	95.7	2,752	89.8	2,997	96.7	3,468	110.2	3,341	104.9
COPD ED Discharges†			5,482	178.9	5,777	186.3	7,135	226.8	8,009	251.4
All Cancer Deaths†	4,664	153.5	4,638	151.3	4,812	155.2	4,715	149.9	4,734	148.6
Prostate Cancer Deaths (among males)†	292	19.2	284	18.6	273	17.7	272	17.3	291	18.3
Cervical Cancer Deaths (among females)†	35	2.3	34	2.2	31	2.0	22	1.4	34	2.1
Female Breast Cancer Deaths (among females)†	361	23.8	361	23.5	332	21.3	363	23.0	406	25.4
Colorectal Cancer Deaths†	420	13.8	448	14.6	442	14.3	385	12.2	430	13.5
Lung Cancer Deaths†	1,112	36.6	1,050	34.3	1,146	37.0	1,136	36.1	1,105	34.7
Arthritis Hospitalizations†	7,785	256.1	8,048	262.6	8,614	277.9	8,811	280.0	8,997	282.4
Arthritis ED Discharges†			11,976	390.7	11,823	381.4	12,526	398.1	12,916	405.5
Dorsopathies Hospitalizations†	4,835	159.1	4,846	158.1	4,986	160.8	5,009	159.2	5,000	157.0
Dorsopathies ED Discharges†			17,137	559.1	16,652	537.1	17,411	553.4	18,551	582.4
Tuberculosis Incidence†	305	10.0	315	10.3	280	9.0	264	8.4	223	7.0
Chronic Hepatitis C Reported†	3,533	116.2	3,990	130.2	4,187	135.1	3,585	113.9	4,540	142.5
Chlamydia Reported, Underestimate††	11,001	362.0	11,980	390.0	12,688	409.3	14,065	447.0	14,233	446.8
Gonorrhea Reported, Underestimate††	2,606	85.7	2,766	90.2	2,384	76.9	2,017	64.1	1,838	57.7
Primary and Secondary Syphilis Reported†	193	6.4	232	7.6	346	11.2	345	11.0	263	8.3
Live Births†, % of County's Births	45,897	100.0%	46,876	100.0%	47,545	100.0%	46,742	100.0%	44,960	100.0%
Live Births to Girls, Ages 15-17†, % of County's births	1,225	2.7%	1,203	2.6%	1,226	2.6%	1,241	2.7%	1,058	2.4%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	39,302	87.2%	39,745	86.0%	39,044	82.6%	37,862	81.3%	36,831	82.0%
Live Births born Preterm†, % of County's births	4,974	11.3%	4,898	10.8%	5,055	10.8%	4,589	10.0%	4,420	9.9%
Low Birth Weight Births†, % of County's births	3,091	6.7%	3,079	6.6%	3,285	6.9%	3,092	6.6%	2,991	6.7%
Very Low Birth Weight Births†, % of County's births	559	1.2%	558	1.2%	554	1.2%	525	1.1%	486	1.1%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	233	5.1	237	5.0	193	4.0	202	4.3	177	3.9
Infant Mortality†, Rate per 1,000 live births	230	5.0	215	4.6	242	5.1	228	4.9	199	4.4
Unintentional Injury Deaths†	868	28.6	924	30.1	995	32.1	932	29.6	949	29.8
Unintentional Injury Hospitalizations†	19,381	637.7	19,635	640.6	19,766	637.6	20,850	662.7	21,149	663.9
Unintentional Injury ED Discharges†			149,394	4,874.1	148,072	4,776.3	149,900	4,764.4	149,437	4,691.2
Fall-related Deaths†	170	5.6	186	6.1	236	7.6	227	7.2	231	7.3
Fall-related Hospitalizations†	9,347	200.9	9,305	303.6	9,563	308.5	10,548	335.3	10,734	337.0
Fall-related ED Discharges†			46,582	1,519.8	47,516	1,532.7	50,466	1,604.0	52,581	1,650.7
Overdose/Poisoning Deaths†	302	9.9	324	10.6	395	12.7	406	12.9	409	12.8
Overdose/Poisoning Hospitalizations†	2,064	67.9	2,022	66.0	2,143	69.1	2,306	73.3	2,365	74.2
Overdose/Poisoning ED Discharges†			4,265	139.1	4,396	141.8	4,751	151.0	4,677	146.8
Deaths due to Motor Vehicle (MV) Injury†	309	10.2	317	10.3	316	10.2	262	8.3	242	7.6
Hospitalizations due to MV Injury†	3,198	105.2	3,297	107.6	3,091	99.7	2,986	94.9	2,676	84.0
ED Discharges due to MV Injury†			17,478	570.2	17,324	558.8	16,094	511.1	16,010	502.6
Motor Vehicle Crash Injuries†	23,503	773.3	21,943	715.9	21,159	682.5	19,314	613.9	18,459	579.5
Alcohol-involved MVC Injuries†	2,931	96.4	3,171	103.5	3,085	99.5	3,046	96.8	2,509	78.8
Drinking Drivers Involved in MV Crashes†	2,011	66.2	2,051	66.9	2,063	66.5	1,976	62.8	1,685	52.9
Active Restraint Use, % of MVO Injured, Ages 6+ †	15,799	86.2%	13,492	89.6%	11,997	91.0%	11,189	91.2%	10,989	92.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	169	59.1%	141	65.3%	133	58.8%	122	56.2%	135	67.2%
Pedestrian Deaths due to MVC†	47	1.5	62	2.0	61	2.0	49	1.6	59	1.9
Pedestrian Hospitalizations due to MVC†	373	12.3	349	11.4	365	11.8	344	10.9	348	10.9
Pedestrian ED Discharges due to MVC†			898	29.3	1,025	33.1	943	30.0	963	30.2
Pedestrian Injuries due to MVC†	1,068	35.1	1,052	34.3	1,192	38.4	1,102	35.0	1,054	33.1
Homicide†	109	3.6	136	4.4	119	3.8	98	3.1	90	2.8
Assault Hospitalizations†	1,513	49.8	1,562	51.0	1,652	53.3	1,619	51.5	1,644	51.6
Assault Injury ED Discharges†			7,832	255.5	8,030	259.0	7,998	254.2	8,188	257.0
Suicide†	297	9.8	290	9.5	358	11.5	359	11.4	365	11.5
Self-Inflicted Hospitalizations†	1,424	46.9	1,262	41.2	1,316	42.4	1,374	43.7	1,590	49.9
Self-Inflicted Injury ED Discharges†			1,929	62.9	2,138	69.0	2,458	78.1	2,435	76.4
Firearm-related Deaths†	205	6.7	202	6.6	218	7.0	188	6.0	200	6.3
Firearm-related Hospitalizations†	244	8.0	245	8.0	241	7.8	202	6.4	186	5.8
Firearm-related ED Discharges†			204	6.7	262	8.5	246	7.8	211	6.6
Dental-related ED Discharges†			3,525	115.0	4,065	131.1	4,211	133.8	4,535	142.4

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

‡ Rates and percents not calculated for fewer than 5 events.

§ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## San Diego County Subregional Area Profiles (2000-2009)

### South Region

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*								
Coronary Heart Disease Deaths†	669	173.6	648	163.1	631	153.1	598	140.4	589	135.2
Coronary Heart Disease Hospitalizations†	2,251	584.2	2,180	548.6	2,375	576.2	2,156	506.3	2,266	520.0
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	199	51.7	217	54.6	175	42.5	190	44.6	178	40.8
Stroke Hospitalizations†	1,103	286.3	1,095	275.6	984	238.7	1,110	260.7	1,007	231.1
Stroke ED Discharges†										
Diabetes Deaths†	60	15.6	68	17.1	71	17.2	87	20.4	94	21.6
Diabetes Hospitalizations†	553	143.5	539	135.6	596	144.6	617	144.9	701	160.9
Diabetes ED Discharges†										
Asthma Deaths†	<5	§	11	2.8	6	1.5	<5	§	<5	§
Asthma Hospitalizations†	420	109.0	323	81.3	365	88.6	426	100.0	326	74.8
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	114	29.6	110	27.7	98	23.8	116	27.2	116	26.6
COPD Hospitalizations†	619	160.7	664	167.1	625	151.6	567	133.1	490	112.4
COPD ED Discharges†										
All Cancer Deaths†	557	144.6	614	154.5	554	134.4	603	141.6	614	140.9
Prostate Cancer Deaths (among males)†	42	21.6	37	18.5	26	12.5	46	21.4	32	14.7
Cervical Cancer Deaths (among females)†	7	3.7	11	5.6	7	3.4	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	43	22.5	60	30.4	46	22.5	45	21.3	48	22.1
Colorectal Cancer Deaths†	49	12.7	51	12.8	51	12.4	58	13.6	53	12.2
Lung Cancer Deaths†	145	37.6	15	38.0	122	29.6	137	32.2	150	34.4
Arthritis Hospitalizations†	708	183.8	735	185.0	873	211.8	877	205.9	901	206.8
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	423	109.8	556	139.9	620	150.4	562	132.0	585	134.2
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	71	18.4	76	19.1	76	18.4	66	15.5	86	19.7
Chronic Hepatitis C Reported†	478	124.1	919	231.3	553	134.2	466	109.4	585	134.2
Chlamydia Reported, Underestimate††	956	248.1	1,099	276.6	1,354	328.5	1,364	320.3	1,459	334.8
Gonorrhea Reported, Underestimate††	131	34.0	152	38.2	191	46.3	220	51.7	208	47.7
Primary and Secondary Syphilis Reported†	5	1.3	<5	§	<5	§	5	1.2	8	1.8
Live Births†, % of County's births	7,650	17.3%	7,834	17.9%	7,983	18.2%	8,221	18.1%	8,490	18.6%
Live Births to Girls, Ages 15-17†, % of Region's births	247	3.2%	281	3.6%	237	3.0%	223	2.7%	249	2.9%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	6,186	81.4%	6,418	82.5%	6,823	85.7%	7,277	88.9%	7,553	89.2%
Live Births born Preterm†, % of Region's births	749	10.4%	769	10.3%	746	9.8%	738	9.4%	800	9.8%
Low Birth Weight Births†, % of Region's births	427	5.6%	437	5.6%	449	5.6%	474	5.8%	519	6.1%
Very Low Birth Weight Births†, % of Region's births	79	1.0%	82	1.0%	77	1.0%	100	1.2%	105	1.2%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	36	4.7	45	5.7	39	4.9	37	4.5	33	3.9
Infant Mortality†, Rate per 1,000 live births	39	5.1	39	5.0	31	3.9	34	4.1	42	4.9
Unintentional Injury Deaths†	97	25.2	78	19.6	114	27.7	92	21.6	91	20.9
Unintentional Injury Hospitalizations†	2,349	609.7	2,332	586.8	2,522	611.9	2,696	633.1	2,820	647.1
Unintentional Injury ED Discharges†										
Fall-related Deaths†	20	5.2	10	2.5	17	4.1	22	5.2	17	3.9
Fall-related Hospitalizations†	1,031	267.6	1,063	240.1	1,135	160.9	1,174	156.9	1,284	175.3
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	39	10.1	20	5.0	34	8.2	35	8.2	33	7.6
Overdose/Poisoning Hospitalizations†	279	72.4	320	80.5	306	74.2	283	66.5	291	66.8
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	30	7.8	42	10.2	42	10.2	32	7.5	36	8.3
Hospitalizations due to MV Injury†	506	131.3	457	115.0	493	119.6	565	132.7	570	130.8
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	2,827	733.7	2,972	747.9	3,056	741.5	3,193	749.8	3,244	744.4
Alcohol-involved MVC Injuries†	412	106.9	356	89.6	337	81.8	405	95.1	437	100.3
Drinking Drivers Involved in MV Crashes†	230	59.7	238	59.9	227	55.1	236	55.4	287	65.9
Active Restraint Use, % of MVO Injured, Ages 6+ †	1,911	84.7%	2,003	83.6%	2,012	83.1%	2,042	82.7%	2,029	88.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	36	46.8%	26	43.3%	21	43.8%	29	43.3%	26	49.1%
Pedestrian Deaths due to MVC†	5	1.3	10	2.5	12	2.9	9	2.1	5	1.1
Pedestrian Hospitalizations due to MVC†	59	15.3	51	12.8	55	13.3	78	18.3	70	16.1
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	181	47.0	178	44.8	170	41.2	194	45.6	181	41.5
Homicide†	12	3.1	14	3.5	9	2.2	23	5.4	18	4.1
Assault Hospitalizations†	181	47.0	186	46.8	186	45.1	234	55.0	248	56.9
Assault Injury ED Discharges†										
Suicide†	39	10.1	36	9.1	34	8.2	37	8.7	30	6.9
Self-Inflicted Hospitalizations†	205	53.2	291	73.2	263	63.8	235	55.2	217	49.8
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	21	5.5	33	8.3	19	4.6	33	7.7	26	6.0
Firearm-related Hospitalizations†	17	4.4	28	7.0	36	8.7	35	8.2	44	10.1
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

‡ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## San Diego County Subregional Area Profiles (2000-2009)

South Region										
Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	555	122.9	494	109.3	558	122.3	488	105.7	516	112.0
Coronary Heart Disease Hospitalizations†	2,108	466.9	2,162	478.6	2,129	466.5	1,967	426.1	1,938	420.6
Coronary Heart Disease ED Discharges†			185	40.9	133	29.1	139	30.1	111	24.1
Stroke Deaths†	174	38.5	166	36.7	157	34.4	148	32.1	147	31.9
Stroke Hospitalizations†	1,090	241.4	1,134	251.0	1,067	233.8	1,071	232.0	1,079	234.2
Stroke ED Discharges†			179	39.6	157	34.4	189	40.9	190	41.2
Diabetes Deaths†	105	23.3	92	20.4	99	21.7	104	22.5	87	18.9
Diabetes Hospitalizations†	709	157.0	847	187.5	850	186.3	831	180.0	875	189.9
Diabetes ED Discharges†			797	176.4	751	164.6	787	170.5	716	155.4
Asthma Deaths†	5	1.1	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	306	67.8	295	65.3	336	73.6	357	77.3	393	85.3
Asthma ED Discharges†			1,825	404.0	1,818	398.4	1,697	367.6	1,831	397.4
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	125	27.7	119	26.3	114	25.0	113	24.5	92	20.0
COPD Hospitalizations†	491	108.8	377	83.4	489	107.2	588	127.4	529	114.8
COPD ED Discharges†			1,127	249.5	1,150	252.0	1,259	272.7	1,650	358.1
All Cancer Deaths†	667	147.7	619	137.0	623	136.5	660	143.0	666	144.6
Prostate Cancer Deaths (among males)†	35	15.3	34	15.3	37	16.5	32	14.1	42	18.4
Cervical Cancer Deaths (among females)†	9	4.0	9	3.9	6	2.6	<5	§	7	3.0
Female Breast Cancer Deaths (among females)†	62	27.8	42	18.2	39	16.8	44	18.7	50	21.5
Colorectal Cancer Deaths†	151	11.3	56	12.4	59	12.9	54	11.7	60	13.0
Lung Cancer Deaths†	153	33.9	133	29.4	143	31.3	165	35.7	148	32.1
Arthritis Hospitalizations†	950	210.4	968	214.3	990	216.9	1,026	222.3	1,030	223.6
Arthritis ED Discharges†			1,912	423.2	1,848	405.0	2,017	437.0	2,092	454.1
Dorsopathies Hospitalizations†	511	113.2	534	118.2	550	120.5	580	125.6	524	113.7
Dorsopathies ED Discharges†			2,702	598.1	2,535	555.5	2,587	560.4	2,971	644.8
Tuberculosis Incidence†	69	15.3	77	17.0	61	13.4	62	13.4	63	13.7
Chronic Hepatitis C Reported†	631	139.8	706	156.3	1,063	232.9	602	130.4	1,777	385.7
Chlamydia Reported, Underestimate††	1,392	308.3	1,475	326.5	1,650	361.6	1,840	398.6	1,964	426.3
Gonorrhea Reported, Underestimate††	237	52.5	241	53.3	218	47.8	162	35.1	147	31.9
Primary and Secondary Syphilis Reported†	19	4.2	24	5.3	31	6.8	31	6.7	31	6.7
Live Births†, % of County's births	8,660	18.9%	8,854	18.9%	8,830	18.6%	8,682	18.6%	8,306	18.5%
Live Births to Girls, Ages 15-17†, % of Region's births	233	2.7%	292	3.3%	276	3.1%	294	3.4%	262	3.2%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	7,707	89.2%	7,869	89.2%	7,581	86.2%	7,258	83.8%	6,924	83.4%
Live Births born Preterm†, % of Region's births	909	10.8%	835	9.7%	886	10.2%	776	9.0%	767	9.3%
Low Birth Weight Births†, % of Region's births	565	6.5%	530	6.0%	578	6.5%	542	6.2%	546	6.6%
Very Low Birth Weight Births†, % of Region's births	107	1.2%	99	1.1%	117	1.3%	87	1.0%	76	0.9%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	48	5.5	39	4.4	35	3.9	35	4.0	34	4.1
Infant Mortality†, Rate per 1,000 live births	44	5.1	33	3.7	58	6.6	44	5.1	27	3.3
Unintentional Injury Deaths†	91	20.2	99	21.9	121	26.5	111	24.0	108	23.4
Unintentional Injury Hospitalizations†	2,726	603.8	2,858	632.6	2,830	620.1	3,134	678.9	3,089	670.4
Unintentional Injury ED Discharges†			21,326	4,720.5	20,612	4,516.7	21,064	4,563.2	21,321	4,627.6
Fall-related Deaths†	19	4.2	19	4.1	31	6.8	30	6.5	27	5.9
Fall-related Hospitalizations†	1,319	182.7	1,338	296.2	1,357	297.4	1,516	328.4	1,587	344.4
Fall-related ED Discharges†			6,696	1,482.2	6,531	1,431.1	7,216	1,563.2	7,375	1,600.7
Overdose/Poisoning Deaths†	30	6.6	33	7.2	53	11.6	42	9.1	40	8.7
Overdose/Poisoning Hospitalizations†	276	61.1	268	59.3	289	63.3	347	75.2	324	70.3
Overdose/Poisoning ED Discharges†			518	114.7	547	119.9	650	140.8	626	135.9
Deaths due to Motor Vehicle (MV) Injury†	30	6.6	35	7.7	26	5.7	28	6.1	36	7.8
Hospitalizations due to MV Injury†	530	117.4	552	122.2	498	109.1	528	114.4	415	90.1
ED Discharges due to MV Injury†			2,388	528.6	2,272	497.9	2,191	474.6	2,205	478.6
Motor Vehicle Crash Injuries†	2,905	643.5	2,662	589.2	2,530	554.4	2,195	475.5	2,194	476.2
Alcohol-involved MVC Injuries†	371	82.2	334	73.9	387	84.8	345	74.7	378	82.0
Drinking Drivers Involved in MV Crashes†	253	56.0	225	49.8	254	55.7	222	48.1	237	51.4
Active Restraint Use, % of MVO Injured, Ages 6+ †	2,021	87.0%	1,730	88.5%	1,537	88.8%	1,330	88.4%	1,342	89.1%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	31	56.4%	18	66.7%	20	48.8%	19	51.4%	15	62.5%
Pedestrian Deaths due to MVC†	9	2.0	10	2.2	<5	§	12	2.6	8	1.7
Pedestrian Hospitalizations due to MVC†	65	14.4	72	15.9	62	13.6	59	12.8	62	13.5
Pedestrian ED Discharges due to MVC†			127	28.1	135	29.6	141	30.5	149	32.3
Pedestrian Injuries due to MVC†	144	31.9	160	35.4	168	36.8	146	31.6	158	34.3
Homicide†	22	4.9	12	2.6	22	4.8	16	3.5	14	3.0
Assault Hospitalizations†	236	52.3	305	67.5	312	68.4	350	75.8	363	78.8
Assault Injury ED Discharges†			1,169	258.8	1,204	263.8	1,284	278.2	1,237	268.5
Suicide†	36	8.0	25	5.5	30	6.6	41	8.9	37	8.0
Self-Inflicted Hospitalizations†	203	45.0	187	41.4	217	47.6	242	52.4	249	54.0
Self-Inflicted Injury ED Discharges†			216	47.8	225	49.3	295	63.9	261	56.6
Firearm-related Deaths†	38	8.4	14	3.1	24	5.3	27	5.8	22	4.8
Firearm-related Hospitalizations†	24	5.3	42	9.3	39	8.5	44	9.5	38	8.2
Firearm-related ED Discharges†			33	7.3	36	7.9	41	8.9	31	6.7
Dental-related ED Discharges†			509	112.7	617	135.2	549	118.9	567	123.1

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Source: CoSD, HHSA; SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

### SRA: Chula Vista

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*								
Coronary Heart Disease Deaths†	302	277.3	322	291.4	266	238.5	272	243.6	270	241.1
Coronary Heart Disease Hospitalizations†	968	888.8	929	840.7	994	891.2	868	777.3	942	841.2
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	90	82.6	88	79.6	68	61.0	90	80.6	74	66.1
Stroke Hospitalizations†	461	423.3	463	419.0	424	380.2	454	406.6	377	336.7
Stroke ED Discharges†										
Diabetes Deaths†	27	24.8	26	23.5	32	28.7	40	35.8	26	23.2
Diabetes Hospitalizations†	210	192.8	208	188.2	222	199.0	243	217.6	264	235.8
Diabetes ED Discharges†										
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	164	150.6	129	116.7	139	124.6	179	160.3	115	102.7
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	56	51.4	55	49.8	54	48.4	56	50.2	61	54.5
COPD Hospitalizations†	246	225.9	301	272.4	294	263.6	252	225.7	173	154.5
COPD ED Discharges†										
All Cancer Deaths†	257	236.0	286	258.8	231	207.1	262	234.6	263	234.9
Prostate Cancer Deaths (among males)†	20	38.0	15	28.2	12	22.4	26	48.5	16	29.8
Cervical Cancer Deaths (among females)†	<5	§	5	8.7	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	19	33.7	27	47.1	19	32.8	18	31.0	24	41.2
Colorectal Cancer Deaths†	26	23.9	24	21.7	17	15.2	22	19.7	24	21.4
Lung Cancer Deaths†	55	50.5	71	64.3	55	49.3	54	48.4	65	58.0
Arthritis Hospitalizations†	287	263.5	307	277.8	361	323.7	362	324.2	361	322.4
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	169	155.2	209	189.1	240	215.2	240	214.9	238	212.5
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	23	21.1	22	19.9	27	24.2	16	14.3	24	21.4
Chronic Hepatitis C Reported†	116	106.5	163	147.5	160	143.5	135	120.9	157	140.2
Chlamydia Reported, Underestimate††	331	303.9	393	355.6	503	451.0	502	449.6	495	442.0
Gonorrhea Reported, Underestimate††	43	39.5	41	37.1	72	64.6	72	64.5	82	73.2
Primary and Secondary Syphilis Reported†	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births†, % of Region's births	2,862	37.4%	2,965	37.8%	2,834	35.5%	2,918	35.5%	2,910	34.3%
Live Births to Girls, Ages 15-17†, % of SRA's births	80	2.8%	99	3.3%	78	2.8%	68	2.3%	80	2.7%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	2,362	83.1%	2,458	83.3%	2,453	86.7%	2,614	89.8%	2,601	89.6%
Live Births born Preterm†, % of SRA's births	291	10.8%	293	10.4%	271	10.0%	260	9.3%	256	9.2%
Low Birth Weight Births†, % of SRA's births	179	6.3%	176	5.9%	161	5.7%	158	5.4%	167	5.7%
Very Low Birth Weight Births†, % of SRA's births	35	1.2%	31	1.0%	32	1.1%	32	1.1%	20	0.7%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	19	6.6	16	5.4	16	5.6	15	5.1	12	4.1
Infant Mortality†, Rate per 1,000 live births	14	4.9	14	4.7	11	3.9	7	2.4	8	2.7
Unintentional Injury Deaths†	43	39.5	37	33.5	34	30.5	34	30.4	36	32.1
Unintentional Injury Hospitalizations†	901	827.3	950	859.7	1,006	902.0	1,070	958.2	1,067	952.8
Unintentional Injury ED Discharges†										
Fall-related Deaths†	8	7.3	5	4.5	10	9.0	10	9.0	9	8.0
Fall-related Hospitalizations†	420	385.7	447	404.5	464	416.0	499	446.9	523	467.0
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	18	16.5	5	4.5	8	7.2	13	11.6	10	8.9
Overdose/Poisoning Hospitalizations†	124	113.9	126	114.0	117	104.9	99	88.7	102	91.1
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	10	9.2	22	19.9	13	11.7	9	8.1	10	8.9
Hospitalizations due to MV Injury†	174	159.8	173	156.6	190	170.4	211	189.0	211	188.4
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	1,165	1,069.7	1,281	1,159.3	1,367	1,225.6	1,416	1,268.1	1,383	1,235.0
Alcohol-involved MVC Injuries†	145	133.1	142	128.5	139	124.6	176	157.6	163	145.6
Drinking Drivers Involved in MV Crashes†	82	75.3	93	84.2	95	85.2	98	87.8	105	93.8
Active Restraint Use, % of MVO Injured, Ages 6+ †	814	85.1%	893	81.6%	956	83.9%	883	78.6%	822	85.5%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	20	60.6%	12	42.9%	13	56.5%	12	50.0%	13	50.0%
Pedestrian Deaths due to MVC†	<5	§	5	4.5	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	23	21.1	19	17.2	21	18.8	29	26.0	29	25.9
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	68	62.4	67	60.6	72	64.6	86	77.0	68	60.7
Homicide†	<5	§	8	7.2	<5	§	9	8.1	8	7.1
Assault Hospitalizations†	55	50.5	62	56.1	66	59.2	88	78.8	105	93.8
Assault Injury ED Discharges†										
Suicide†	16	14.7	18	16.3	9	8.1	11	9.9	12	10.7
Self-Inflicted Hospitalizations†	96	88.1	138	124.9	99	88.8	84	75.2	81	72.3
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	8	7.3	20	18.1	7	6.3	8	7.2	11	9.8
Firearm-related Hospitalizations†	8	7.3	9	8.1	12	10.8	9	8.1	18	16.1
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

### SRA: Chula Vista

Indicator	2005		2006		2007		2008		2009	
	No.	Rate*								
Coronary Heart Disease Deaths†	267	235.4	238	213.3	255	226.1	221	194.3	221	199.8
Coronary Heart Disease Hospitalizations†	862	760.1	887	794.9	846	750.2	767	674.4	701	633.6
Coronary Heart Disease ED Discharges†			92	82.4	59	52.3	49	43.1	48	43.4
Stroke Deaths†	71	62.6	71	63.6	67	59.4	67	58.9	56	50.6
Stroke Hospitalizations†	431	380.1	445	398.8	418	370.7	420	369.3	432	390.5
Stroke ED Discharges†			63	56.5	61	54.1	80	70.3	85	76.8
Diabetes Deaths†	40	35.3	41	36.7	46	40.8	50	44.0	28	25.3
Diabetes Hospitalizations†	279	246.0	348	311.9	371	329.0	315	277.0	324	292.9
Diabetes ED Discharges†			319	285.9	320	283.8	359	315.7	269	243.1
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	104	91.7	102	91.4	132	117.1	120	105.5	128	115.7
Asthma ED Discharges†			766	686.5	765	678.4	622	546.9	735	664.4
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	56	49.4	49	43.9	51	45.2	53	46.6	46	41.6
COPD Hospitalizations†	173	152.6	145	129.9	199	176.5	252	221.6	216	195.2
COPD ED Discharges†			505	452.6	520	461.1	549	482.7	725	655.3
All Cancer Deaths†	314	276.9	251	224.9	244	216.4	250	219.8	257	232.3
Prostate Cancer Deaths (among males)†	18	33.0	16	29.8	20	36.8	16	29.2	17	31.8
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	5	8.7
Female Breast Cancer Deaths (among females)†	26	44.2	20	34.6	16	27.4	17	28.9	14	24.5
Colorectal Cancer Deaths†	27	23.8	19	17.0	20	17.7	18	15.8	24	21.7
Lung Cancer Deaths†	68	60.0	58	52.0	56	49.7	64	56.3	56	50.6
Arthritis Hospitalizations†	361	318.3	403	361.2	383	339.6	367	322.7	402	363.4
Arthritis ED Discharges†			803	719.6	751	665.9	821	721.9	831	751.1
Dorsopathies Hospitalizations†	200	176.4	201	180.1	234	207.5	194	170.6	190	171.7
Dorsopathies ED Discharges†			1,164	1,043.1	1,077	955.0	1,030	905.6	1,240	1,120.8
Tuberculosis Incidence†	23	20.3	18	16.1	17	15.1	14	12.3	14	12.7
Chronic Hepatitis C Reported†	177	156.1	248	222.2	253	224.3	199	175.0	137	123.8
Chlamydia Reported, Underestimate††	483	425.9	502	449.9	616	546.2	626	550.4	674	609.2
Gonorrhea Reported, Underestimate††	82	72.3	86	77.1	72	63.8	54	47.5	51	46.1
Primary and Secondary Syphilis Reported†	<5	§	5	4.5	14	12.4	12	10.6	10	9.0
Live Births†, % of Region's births	2,963	34.2%	2,933	33.1%	2,860	32.4%	2,860	32.9%	2,784	33.5%
Live Births to Girls, Ages 15-17†, % of SRA's births	76	2.6%	114	3.9%	90	3.1%	95	3.3%	98	3.5%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	2,626	88.7%	2,600	88.9%	2,479	87.1%	2,374	83.2%	2,315	83.2%
Live Births born Preterm†, % of SRA's births	303	10.5%	284	9.9%	264	9.3%	246	8.7%	248	8.9%
Low Birth Weight Births†, % of SRA's births	186	6.3%	193	6.6%	181	6.3%	157	5.5%	192	6.9%
Very Low Birth Weight Births†, % of SRA's births	39	1.3%	26	0.9%	43	1.5%	24	0.8%	36	1.3%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	18	6.0	10	3.4	14	4.9	15	5.2	11	3.9
Infant Mortality†, Rate per 1,000 live births	13	4.4	6	2.0	27	9.4	18	6.3	12	4.3
Unintentional Injury Deaths†	34	30.0	35	31.4	49	43.5	34	29.9	41	37.1
Unintentional Injury Hospitalizations†	990	873.0	1,111	995.6	1,131	1,002.9	1,215	1,068.3	1,147	1,036.8
Unintentional Injury ED Discharges†			8,378	7,508.0	8,100	7,182.6	8,310	7,306.7	8,331	7,530.3
Fall-related Deaths†	7	6.2	8	7.2	15	13.3	8	7.0	12	10.8
Fall-related Hospitalizations†	509	448.8	566	507.2	566	501.9	634	557.5	610	551.4
Fall-related ED Discharges†			2,680	2,401.7	2,617	2,320.6	2,961	2,603.5	2,956	2,671.9
Overdose/Poisoning Deaths†	9	7.9	13	11.7	18	16.0	19	16.7	11	9.9
Overdose/Poisoning Hospitalizations†	121	106.7	99	88.7	117	103.7	123	108.1	115	103.9
Overdose/Poisoning ED Discharges†			200	179.2	215	190.7	264	232.1	240	216.9
Deaths due to Motor Vehicle (MV) Injury†	10	8.8	9	8.1	10	8.9	6	5.3	15	13.6
Hospitalizations due to MV Injury†	179	157.8	204	182.8	198	175.6	179	157.4	125	113.0
ED Discharges due to MV Injury†			898	804.8	837	742.2	844	742.1	839	758.4
Motor Vehicle Crash Injuries†	1,248	1,100.5	1,047	938.3	1,005	891.2	817	718.4	888	802.7
Alcohol-involved MVC Injuries†	143	126.1	125	112.0	134	118.8	136	119.6	149	134.7
Drinking Drivers Involved in MV Crashes†	101	89.1	79	70.8	86	76.3	89	78.3	97	87.7
Active Restraint Use, % of MVO Injured, Ages 6+ †	927	88.5%	744	89.6%	716	89.8%	554	87.9%	636	89.2%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	13	54.2%	7	53.8%	9	50.0%	11	61.1%	<5	§
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	6	5.4
Pedestrian Hospitalizations due to MVC†	19	16.8	27	24.2	32	28.4	23	20.2	26	23.5
Pedestrian ED Discharges due to MVC†			49	43.9	61	54.1	65	57.2	60	54.2
Pedestrian Injuries due to MVC†	55	48.5	59	52.9	82	72.7	48	42.2	70	63.3
Homicide†	9	7.9	5	4.5	6	5.3	8	7.0	<5	§
Assault Hospitalizations†	95	83.8	95	85.1	103	91.3	118	103.8	131	118.4
Assault Injury ED Discharges†			453	406.0	454	402.6	505	444.0	411	371.5
Suicide†	12	10.6	8	7.2	9	8.0	17	14.9	13	11.8
Self-Inflicted Hospitalizations†	91	80.2	74	66.3	86	76.3	87	76.5	82	74.1
Self-Inflicted Injury ED Discharges†			78	69.9	103	91.3	120	105.5	86	77.7
Firearm-related Deaths†	15	13.2	<5	§	7	6.2	9	7.9	10	9.0
Firearm-related Hospitalizations†	7	6.2	12	10.8	10	8.9	13	11.4	10	9.0
Firearm-related ED Discharges†			11	9.9	18	16.0	16	14.1	9	8.1
Dental-related ED Discharges†			182	163.1	328	290.9	239	210.1	233	210.6

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

### SRA: Coronado

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*								
Coronary Heart Disease Deaths†	54	224.1	45	188.6	43	167.4	39	146.6	24	90.3
Coronary Heart Disease Hospitalizations†	137	568.5	133	557.5	96	373.7	93	349.5	90	338.5
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	15	62.2	22	92.2	16	62.3	9	33.8	13	48.9
Stroke Hospitalizations†	95	394.2	70	293.4	50	194.6	55	206.7	71	267.0
Stroke ED Discharges†										
Diabetes Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Diabetes Hospitalizations†	18	74.7	12	50.3	11	42.8	8	30.1	10	37.6
Diabetes ED Discharges†										
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	6	24.9	<5	§	5	19.5	5	18.8	6	22.6
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	8	33.2	8	33.5	7	27.2	9	33.8	<5	§
COPD Hospitalizations†	42	174.3	30	125.7	24	93.4	33	124.0	27	101.5
COPD ED Discharges†										
All Cancer Deaths†	39	161.8	40	167.7	50	194.6	39	146.6	57	214.4
Prostate Cancer Deaths (among males)†	<5	§	<5	§	<5	§	5	31.1	<5	§
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	<5	§	6	59.1	6	57.6	<5	§	<5	§
Colorectal Cancer Deaths†	7	29.0	<5	§	5	19.5	<5	§	<5	§
Lung Cancer Deaths†	9	37.3	7	29.3	12	46.7	9	33.8	12	45.1
Arthritis Hospitalizations†	75	311.2	64	268.3	81	315.3	65	244.3	83	312.1
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	31	128.6	54	226.3	55	214.1	29	109.0	44	165.5
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	<5	§	<5	§	<5	§	<5	§	<5	§
Chronic Hepatitis C Reported†	15	62.2	9	37.7	7	27.2	7	26.3	6	22.6
Chlamydia Reported, Underestimate††	64	265.6	47	197.0	60	233.6	49	184.1	53	199.3
Gonorrhea Reported, Underestimate††	15	62.2	16	67.1	20	77.9	12	45.1	6	22.6
Primary and Secondary Syphilis Reported†	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births†, % of Region's births	192	2.5%	174	2.2%	216	2.7%	186	2.3%	151	1.8%
Live Births to Girls, Ages 15-17†, % of SRA's births	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births with Early Prenatal Care†, % of Known Prenatal Care	184	95.8%	165	95.4%	204	94.4%	173	94.5%	142	95.3%
Live Births born Preterm†, % of SRA's births	16	8.6%	20	12.0%	14	6.7%	15	8.2%	15	10.2%
Low Birth Weight Births†, % of SRA's births	11	5.7%	8	4.6%	10	4.6%	8	4.3%	8	5.3%
Very Low Birth Weight Births†, % of SRA's births	<5	§	<5	§	<5	§	<5	§	<5	§
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	§	<5	§	<5	§	<5	§	<5	§
Infant Mortality†, Rate per 1,000 live births	<5	§	<5	§	<5	§	<5	§	<5	§
Unintentional Injury Deaths†	7	29.0	6	25.1	6	23.4	6	22.5	<5	§
Unintentional Injury Hospitalizations†	155	643.2	164	687.4	175	681.2	141	529.9	181	680.7
Unintentional Injury ED Discharges†										
Fall-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Fall-related Hospitalizations†	91	377.6	92	385.6	107	416.5	75	281.8	105	394.9
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Overdose/Poisoning Hospitalizations†	14	58.1	18	75.4	9	35.0	11	41.3	18	67.7
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	<5	§	<5	§	<5	§	<5	§	<5	§
Hospitalizations due to MV Injury†	21	87.1	19	79.6	24	93.4	18	67.6	15	56.4
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	118	489.6	155	649.7	131	509.9	127	477.2	118	443.8
Alcohol-involved MVC Injuries†	10	41.5	27	113.2	19	74.0	11	41.3	10	37.6
Drinking Drivers Involved in MV Crashes†	8	33.2	13	54.5	13	50.6	9	33.8	10	37.6
Active Restraint Use, % of MVO Injured, Ages 6+ †	79	84.9%	98	84.5%	85	88.5%	72	78.3%	61	77.2%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	5	20.7	<5	§	9	35.0	5	18.8	7	26.3
Homicide†	<5	§	<5	§	<5	§	<5	§	<5	§
Assault Hospitalizations†	<5	§	<5	§	<5	§	6	22.5	<5	§
Assault Injury ED Discharges†										
Suicide†	5	20.7	<5	§	<5	§	6	22.5	<5	§
Self-Inflicted Hospitalizations†	10	41.5	11	46.1	11	42.8	6	22.5	9	33.8
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Firearm-related Hospitalizations†	<5	§	<5	§	<5	§	<5	§	<5	§
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

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† For disease definitions see Glossary in Data Guide.

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Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

### SRA: Coronado

Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	32	119.0	22	96.1	35	152.4	30	129.9	25	108.0
Coronary Heart Disease Hospitalizations†	98	364.3	83	362.4	56	243.8	60	259.7	59	254.8
Coronary Heart Disease ED Discharges†			<5	§	<5	§	<5	§	<5	§
Stroke Deaths†	16	59.5	16	69.9	8	34.8	11	47.6	8	34.5
Stroke Hospitalizations†	73	271.4	70	305.6	56	243.8	47	203.5	46	198.6
Stroke ED Discharges†			<5	§	<5	§	7	30.3	<5	§
Diabetes Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Diabetes Hospitalizations†	9	33.5	5	21.8	5	21.8	7	30.3	8	34.5
Diabetes ED Discharges†			<5	§	5	21.8	<5	§	<5	§
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	6	22.3	<5	§	9	39.2	5	21.6	8	34.5
Asthma ED Discharges†			7	30.6	11	47.9	9	39.0	7	30.2
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	10	37.2	13	56.8	8	34.8	5	21.6	<5	§
COPD Hospitalizations†	24	89.2	36	157.2	18	78.4	23	99.6	18	77.7
COPD ED Discharges†			5	21.8	8	34.8	6	26.0	5	21.6
All Cancer Deaths†	48	178.4	50	218.3	52	226.4	51	220.8	51	220.2
Prostate Cancer Deaths (among males)†	<5	§	7	54.9	6	46.9	<5	§	<5	§
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	6	56.4	<5	§	<5	§	5	48.7	<5	§
Colorectal Cancer Deaths†	<5	§	<5	§	5	21.8	7	30.3	7	30.2
Lung Cancer Deaths†	14	52.0	5	21.8	12	52.2	11	47.6	15	64.8
Arthritis Hospitalizations†	84	312.2	88	384.2	86	374.4	91	393.9	77	332.5
Arthritis ED Discharges†			22	96.1	22	95.8	19	82.2	18	77.7
Dorsopathies Hospitalizations†	37	137.5	41	179.0	36	156.7	36	155.8	27	116.6
Dorsopathies ED Discharges†			27	117.9	17	74.0	13	56.3	18	77.7
Tuberculosis Incidence†	<5	§	<5	§	<5	§	<5	§	<5	§
Chronic Hepatitis C Reported†	12	44.6	14	61.1	9	39.2	8	34.6	9	38.9
Chlamydia Reported, Underestimate††	28	104.1	20	87.3	41	178.5	42	181.8	60	259.1
Gonorrhea Reported, Underestimate††	6	22.3	<5	§	8	34.8	6	26.0	13	56.1
Primary and Secondary Syphilis Reported†	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births†, % of Region's births	191	2.2%	187	2.1%	185	2.1%	171	2.0%	181	2.2%
Live Births to Girls, Ages 15-17†, % of SRA's births	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births with Early Prenatal Care†, % of Known Prenatal Care	182	95.3%	178	95.7%	172	94.0%	157	93.5%	167	92.3%
Live Births born Preterm†, % of SRA's births	11	5.9%	12	6.6%	13	7.1%	20	11.8%	22	12.2%
Low Birth Weight Births†, % of SRA's births	10	5.2%	9	4.8%	11	5.9%	11	6.4%	12	6.6%
Very Low Birth Weight Births†, % of SRA's births	<5	§	<5	§	<5	§	<5	§	<5	§
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	§	<5	§	<5	§	<5	§	<5	§
Infant Mortality†, Rate per 1,000 live births	<5	§	<5	§	<5	§	<5	§	<5	§
Unintentional Injury Deaths†	5	18.6	7	30.6	11	47.9	6	26.0	8	34.5
Unintentional Injury Hospitalizations†	178	661.7	160	698.6	194	844.7	153	662.3	177	764.3
Unintentional Injury ED Discharges†			234	1,021.7	238	1,036.2	211	913.4	261	1,127.0
Fall-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Fall-related Hospitalizations†	106	394.0	99	432.3	114	496.3	81	350.6	116	500.9
Fall-related ED Discharges†			82	358.0	85	370.1	69	298.7	93	401.6
Overdose/Poisoning Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Overdose/Poisoning Hospitalizations†	13	48.3	10	43.7	10	43.5	17	73.6	7	30.2
Overdose/Poisoning ED Discharges†			8	34.9	6	26.1	9	39.0	11	47.5
Deaths due to Motor Vehicle (MV) Injury†	<5	§	<5	§	<5	§	<5	§	<5	§
Hospitalizations due to MV Injury†	19	70.6	22	96.1	16	69.7	22	95.2	15	64.8
ED Discharges due to MV Injury†			25	109.2	19	82.7	26	112.5	29	125.2
Motor Vehicle Crash Injuries†	100	371.7	112	489.0	147	640.0	77	333.3	126	544.1
Alcohol-involved MVC Injuries†	12	44.6	16	69.9	21	91.4	10	43.3	18	77.7
Drinking Drivers Involved in MV Crashes†	9	33.5	12	52.4	13	56.6	8	34.6	14	60.5
Active Restraint Use, % of MVO Injured, Ages 6+ †	63	86.3%	52	78.8%	75	75.8%	35	81.4%	70	87.5%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	<5	§	5	21.8	<5	§	<5	§	<5	§
Pedestrian ED Discharges due to MVC†			5	21.8	<5	§	<5	§	<5	§
Pedestrian Injuries due to MVC†	5	18.6	15	65.5	7	30.5	10	43.3	11	47.5
Homicide†	<5	§	<5	§	<5	§	<5	§	<5	§
Assault Hospitalizations†	<5	§	<5	§	<5	§	7	30.3	<5	§
Assault Injury ED Discharges†			7	30.6	11	47.9	9	39.0	12	51.8
Suicide†	7	26.0	<5	§	<5	§	<5	§	<5	§
Self-Inflicted Hospitalizations†	6	22.3	8	34.9	5	21.8	<5	§	<5	§
Self-Inflicted Injury ED Discharges†			<5	§	<5	§	<5	§	<5	§
Firearm-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Firearm-related Hospitalizations†	<5	§	<5	§	<5	§	<5	§	<5	§
Firearm-related ED Discharges†			<5	§	<5	§	<5	§	<5	§
Dental-related ED Discharges†			<5	§	10	43.5	<5	§	<5	§

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*								
Coronary Heart Disease Deaths†	100	185.6	93	167.6	115	199.5	85	144.7	107	191.2
Coronary Heart Disease Hospitalizations†	373	692.4	393	708.3	418	725.2	388	660.3	358	639.8
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	35	65.0	35	63.1	36	62.5	24	40.8	29	51.8
Stroke Hospitalizations†	187	347.1	203	365.9	157	272.4	157	267.2	155	277.0
Stroke ED Discharges†										
Diabetes Deaths†	12	22.3	15	27.0	14	24.3	15	25.5	23	41.1
Diabetes Hospitalizations†	96	178.2	98	176.6	127	220.3	110	187.2	140	250.2
Diabetes ED Discharges†										
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	70	129.9	48	86.5	59	102.4	85	144.7	67	119.7
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	28	52.0	23	41.5	14	24.3	17	28.9	17	30.4
COPD Hospitalizations†	133	246.9	128	230.7	104	180.4	130	221.2	116	207.3
COPD ED Discharges†										
All Cancer Deaths†	65	120.7	79	142.4	74	128.4	62	105.5	89	159.1
Prostate Cancer Deaths (among males)†	6	22.0	5	17.7	<5	§	<5	§	<5	§
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	<5	§	9	33.1	6	21.5	<5	§	<5	§
Colorectal Cancer Deaths†	<5	§	<5	§	10	17.3	7	11.9	9	16.1
Lung Cancer Deaths†	19	35.3	20	36.0	11	19.1	18	30.6	22	39.3
Arthritis Hospitalizations†	90	167.1	84	151.4	115	199.5	106	180.4	112	200.2
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	54	100.2	69	124.4	74	128.4	53	90.2	63	112.6
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	16	29.7	15	27.0	13	22.6	13	22.1	12	21.4
Chronic Hepatitis C Reported†	57	105.8	74	133.4	62	107.6	81	137.9	74	132.3
Chlamydia Reported, Underestimate††	159	295.2	158	284.8	216	374.8	211	359.1	230	411.1
Gonorrhea Reported, Underestimate††	24	44.6	21	37.9	34	59.0	33	56.2	31	55.4
Primary and Secondary Syphilis Reported†	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births†, % of Region's births	1,117	14.6%	1,077	13.7%	1,073	13.4%	1,054	12.8%	1,026	12.1%
Live Births to Girls, Ages 15-17†, % of SRA's births	48	4.3%	47	4.4%	46	4.3%	41	3.9%	50	4.9%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	819	73.9%	825	77.0%	848	79.5%	859	82.4%	840	82.6%
Live Births born Preterm†, % of SRA's births	119	11.4%	125	12.2%	111	11.0%	113	11.3%	111	11.4%
Low Birth Weight Births†, % of SRA's births	61	5.5%	57	5.3%	68	6.3%	73	6.9%	71	6.9%
Very Low Birth Weight Births†, % of SRA's births	10	0.9%	12	1.1%	9	0.8%	17	1.6%	15	1.5%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	§	7	6.5	6	5.6	<5	§	<5	§
Infant Mortality†, Rate per 1,000 live births	8	7.2	6	5.6	6	5.6	7	6.6	<5	§
Unintentional Injury Deaths†	10	18.6	8	14.4	20	34.7	18	30.6	7	12.5
Unintentional Injury Hospitalizations†	407	755.5	358	645.3	403	699.2	412	701.2	417	745.3
Unintentional Injury ED Discharges†										
Fall-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Fall-related Hospitalizations†	183	339.7	169	304.6	185	321.0	191	325.1	199	355.6
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	5	9.3	5	9.0	6	10.4	6	10.2	<5	§
Overdose/Poisoning Hospitalizations†	44	81.7	46	82.9	62	107.6	62	105.5	50	89.4
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	<5	§	<5	§	5	8.7	9	15.3	<5	§
Hospitalizations due to MV Injury†	83	154.1	75	135.2	77	133.6	89	151.5	72	128.7
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	630	1,169.5	580	1,045.4	613	1,063.6	597	1,016.0	674	1,204.6
Alcohol-involved MVC Injuries†	118	219.0	72	129.8	85	147.5	73	124.2	96	171.6
Drinking Drivers Involved in MV Crashes†	63	116.9	47	84.7	58	100.6	45	76.6	60	107.2
Active Restraint Use, % of MVO Injured, Ages 6+ †	443	87.0%	407	87.2%	408	85.5%	421	88.3%	423	82.8%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	5	31.3%	<5	§	<5	§	<5	§	5	41.7%
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	11	20.4	12	21.6	14	24.3	15	25.5	13	23.2
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	42	78.0	39	70.3	34	59.0	39	66.4	43	76.8
Homicide†	<5	§	<5	§	<5	§	11	18.7	<5	§
Assault Hospitalizations†	39	72.4	46	82.9	43	74.6	34	57.9	48	85.8
Assault Injury ED Discharges†										
Suicide†	<5	§	8	14.4	7	12.1	5	8.5	<5	§
Self-Inflicted Hospitalizations†	31	57.5	32	57.7	52	90.2	53	90.2	56	100.1
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	<5	§	<5	§	<5	§	12	20.4	<5	§
Firearm-related Hospitalizations†	<5	§	9	16.2	14	24.3	12	20.4	7	12.5
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

‡ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

SRA: National City										
Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	78	122.9	61	100.6	74	122.0	69	113.5	78	138.1
Coronary Heart Disease Hospitalizations†	323	508.8	264	435.3	348	573.8	290	477.1	341	603.7
Coronary Heart Disease ED Discharges†			29	47.8	12	19.8	20	32.9	15	26.6
Stroke Deaths†	24	37.8	24	39.6	24	39.6	27	44.4	23	40.7
Stroke Hospitalizations†	177	278.8	167	275.4	150	247.3	177	291.2	162	286.8
Stroke ED Discharges†			35	57.7	24	39.6	25	41.1	28	49.6
Diabetes Deaths†	25	39.4	12	19.8	18	29.7	19	31.3	13	23.0
Diabetes Hospitalizations†	103	162.3	149	245.7	133	219.3	164	269.8	162	286.8
Diabetes ED Discharges†			146	240.7	121	199.5	114	187.6	94	166.4
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	62	97.7	42	69.3	70	115.4	79	130.0	81	143.4
Asthma ED Discharges†			297	489.7	277	456.7	300	493.6	342	605.4
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	20	31.5	17	28.0	10	16.5	22	36.2	12	21.2
COPD Hospitalizations†	114	179.6	67	110.5	85	140.1	95	156.3	85	150.5
COPD ED Discharges†			178	293.5	124	204.4	168	276.4	246	435.5
All Cancer Deaths†	73	115.0	73	120.4	56	92.3	75	123.4	85	150.5
Prostate Cancer Deaths (among males)†	<5	§	6	18.7	<5	§	<5	§	6	21.2
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	8	27.1	<5	§	6	21.0	5	17.4	7	24.8
Colorectal Cancer Deaths†	<5	§	5	8.2	6	9.9	6	9.9	12	21.2
Lung Cancer Deaths†	19	29.9	20	33.0	12	19.8	23	37.8	13	23.0
Arthritis Hospitalizations†	146	230.0	93	153.4	102	168.2	130	213.9	113	200.0
Arthritis ED Discharges†			302	498.0	262	432.0	318	523.2	338	598.4
Dorsopathies Hospitalizations†	51	80.3	51	84.1	50	82.4	61	100.4	64	113.3
Dorsopathies ED Discharges†			361	595.3	339	558.9	395	649.9	428	757.7
Tuberculosis Incidence†	10	15.8	17	28.0	13	21.4	13	21.4	12	21.2
Chronic Hepatitis C Reported†	79	124.5	91	150.1	78	128.6	67	110.2	68	120.4
Chlamydia Reported, Underestimate††	237	373.4	240	395.8	229	377.6	290	477.1	308	545.2
Gonorrhea Reported, Underestimate††	44	69.3	33	54.4	38	62.7	26	42.8	19	33.6
Primary and Secondary Syphilis Reported†	<5	§	<5	§	<5	§	<5	§	5	8.9
Live Births†, % of Region's births	1,054	12.2%	1,010	11.4%	1,075	12.2%	1,064	12.3%	1,022	12.3%
Live Births to Girls, Ages 15-17†, % of SRA's births	40	3.8%	50	5.0%	55	5.1%	57	5.4%	32	3.1%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	889	85.0%	855	85.4%	872	81.4%	831	78.4%	813	79.5%
Live Births born Preterm†, % of SRA's births	123	12.2%	114	11.7%	137	12.9%	97	9.2%	102	10.0%
Low Birth Weight Births†, % of SRA's births	70	6.6%	69	6.8%	74	6.9%	68	6.4%	69	6.8%
Very Low Birth Weight Births†, % of SRA's births	18	1.7%	14	1.4%	12	1.1%	6	0.6%	5	0.5%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	12	11.3	7	6.9	6	5.6	<5	§	<5	§
Infant Mortality†, Rate per 1,000 live births	5	4.7	6	5.9	7	6.5	<5	§	<5	§
Unintentional Injury Deaths†	20	31.5	19	31.3	14	23.1	19	31.3	14	24.8
Unintentional Injury Hospitalizations†	399	628.6	415	684.3	369	608.4	460	756.8	432	764.8
Unintentional Injury ED Discharges†			3,269	5,390.5	2,521	4,156.6	3,055	5,026.4	2,969	5,256.0
Fall-related Deaths†	6	9.5	5	8.2	5	8.2	5	8.2	<5	§
Fall-related Hospitalizations†	197	310.3	190	313.3	174	286.9	231	380.1	223	394.8
Fall-related ED Discharges†			1,042	1,718.2	784	1,292.6	1,113	1,831.2	1,058	1,873.0
Overdose/Poisoning Deaths†	<5	§	6	9.9	7	11.5	7	11.5	7	12.4
Overdose/Poisoning Hospitalizations†	44	69.3	33	54.4	47	77.5	65	106.9	54	95.6
Overdose/Poisoning ED Discharges†			80	131.9	59	97.3	93	153.0	81	143.4
Deaths due to Motor Vehicle (MV) Injury†	9	14.2	7	11.5	<5	§	5	8.2	<5	§
Hospitalizations due to MV Injury†	71	111.8	81	133.6	74	122.0	91	149.7	67	118.6
ED Discharges due to MV Injury†			352	580.4	290	478.1	320	526.5	310	548.8
Motor Vehicle Crash Injuries†	631	994.0	522	860.8	460	758.4	249	409.7	375	663.9
Alcohol-involved MVC Injuries†	74	116.6	70	115.4	62	102.2	38	62.5	65	115.1
Drinking Drivers Involved in MV Crashes†	49	77.2	44	72.6	48	79.1	35	57.6	42	74.4
Active Restraint Use, % of MVO Injured, Ages 6+ †	434	84.4%	361	94.3%	259	91.2%	147	94.2%	220	89.8%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	7	63.6%	<5	§	<5	§	<5	§	5	71.4%
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	15	23.6	18	29.7	14	23.1	12	19.7	12	21.2
Pedestrian ED Discharges due to MVC†			25	41.2	16	26.4	23	37.8	26	46.0
Pedestrian Injuries due to MVC†	29	45.7	27	44.5	25	41.2	33	54.3	30	53.1
Homicide†	<5	§	<5	§	8	13.2	<5	§	5	8.9
Assault Hospitalizations†	51	80.3	50	82.4	44	72.5	52	85.6	44	77.9
Assault Injury ED Discharges†			183	301.8	146	240.7	205	337.3	235	416.0
Suicide†	<5	§	<5	§	5	8.2	<5	§	<5	§
Self-Inflicted Hospitalizations†	39	61.4	26	42.9	37	61.0	47	77.3	38	67.3
Self-Inflicted Injury ED Discharges†			20	33.0	16	26.4	24	39.5	27	47.8
Firearm-related Deaths†	6	9.5	<5	§	8	13.2	<5	§	<5	§
Firearm-related Hospitalizations†	<5	§	8	13.2	10	16.5	11	18.1	<5	§
Firearm-related ED Discharges†			9	14.8	<5	§	9	14.8	<5	§
Dental-related ED Discharges†			114	188.0	91	150.0	96	157.9	83	146.9

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

### SRA: South Bay

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*								
Coronary Heart Disease Deaths†	168	135.5	152	119.8	165	128.7	141	107.7	146	106.8
Coronary Heart Disease Hospitalizations†	615	495.9	551	434.4	641	500.0	611	466.7	637	466.0
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	44	35.5	52	41.0	38	29.6	51	39.0	40	29.3
Stroke Hospitalizations†	273	220.1	272	214.4	251	195.8	325	248.2	311	227.5
Stroke ED Discharges†										
Diabetes Deaths†	17	13.7	24	18.9	18	14.0	23	17.6	30	21.9
Diabetes Hospitalizations†	216	174.2	189	149.0	200	156.0	231	176.4	260	190.2
Diabetes ED Discharges†										
Asthma Deaths†	<5	§	5	3.9	<5	§	<5	§	<5	§
Asthma Hospitalizations†	147	118.5	109	85.9	129	100.6	121	92.4	111	81.2
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	20	16.1	19	15.0	18	14.0	27	20.6	26	19.0
COPD Hospitalizations†	174	140.3	178	140.3	155	120.9	118	90.1	142	103.9
COPD ED Discharges†										
All Cancer Deaths†	144	116.1	152	119.8	145	113.1	159	121.4	141	103.2
Prostate Cancer Deaths (among males)†	6	9.4	11	16.9	<5	§	10	15.0	9	12.9
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	10	16.6	13	21.1	10	16.0	11	17.2	9	13.4
Colorectal Cancer Deaths†	9	7.3	14	11.0	13	10.1	17	13.0	11	8.0
Lung Cancer Deaths†	51	41.1	42	33.1	37	28.9	39	29.8	40	29.3
Arthritis Hospitalizations†	196	158.0	223	175.8	225	175.5	238	181.8	247	180.7
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	127	102.4	164	129.3	184	143.5	174	132.9	158	115.6
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	27	21.8	37	29.2	31	24.2	31	23.7	43	31.5
Chronic Hepatitis C Reported†	271	218.5	654	515.6	298	232.4	223	170.3	296	216.6
Chlamydia Reported, Underestimate††	365	294.3	439	346.1	479	373.6	490	374.3	540	395.1
Gonorrhea Reported, Underestimate††	44	35.5	63	49.7	55	42.9	84	64.2	70	51.2
Primary and Secondary Syphilis Reported†	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births†, % of Region's births	2,736	35.8%	2,723	34.8%	2,730	34.2%	2,849	34.7%	2,948	34.7%
Live Births to Girls, Ages 15-17†, % of SRA's births	113	4.1%	124	4.6%	108	4.0%	107	3.8%	108	3.7%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	2,141	78.7%	2,142	79.5%	2,267	83.3%	2,473	87.1%	2,609	88.7%
Live Births born Preterm†, % of SRA's births	259	10.1%	234	9.1%	248	9.5%	237	8.6%	251	8.9%
Low Birth Weight Births†, % of SRA's births	135	4.9%	136	5.0%	155	5.7%	155	5.4%	172	5.8%
Very Low Birth Weight Births†, % of SRA's births	27	1.0%	30	1.1%	24	0.9%	31	1.1%	46	1.6%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	12	4.4	15	5.5	10	3.6	12	4.2	11	3.7
Infant Mortality†, Rate per 1,000 live births	15	5.5	10	3.7	10	3.7	15	5.3	23	7.8
Unintentional Injury Deaths†	31	25.0	19	15.0	42	32.8	29	22.1	41	30.0
Unintentional Injury Hospitalizations†	701	565.2	661	521.1	695	542.1	793	605.7	842	616.0
Unintentional Injury ED Discharges†										
Fall-related Deaths†	7	5.6	<5	§	<5	§	7	5.3	<5	§
Fall-related Hospitalizations†	260	209.6	276	217.6	272	212.2	300	229.1	324	237.0
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	11	8.9	7	5.5	14	10.9	11	8.4	14	10.2
Overdose/Poisoning Hospitalizations†	75	60.5	97	76.5	91	71.0	85	64.9	93	68.0
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	12	9.7	12	9.5	17	13.3	11	8.4	22	16.1
Hospitalizations due to MV Injury†	187	150.8	142	111.9	147	114.7	174	132.9	202	147.8
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	705	568.5	720	567.6	697	543.7	796	608.0	726	531.1
Alcohol-involved MVC Injuries†	123	99.2	98	77.3	75	58.5	111	84.8	129	94.4
Drinking Drivers Involved in MV Crashes†	66	53.2	70	55.2	45	35.1	64	48.9	84	61.5
Active Restraint Use, % of MVO Injured, Ages 6+ †	433	82.8%	447	85.5%	409	80.8%	459	80.8%	393	80.7%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	7	46.7%	6	50.0%	<5	§	11	50.0%	5	55.6%
Pedestrian Deaths due to MVC†	<5	§	<5	§	7	5.5	5	3.8	<5	§
Pedestrian Hospitalizations due to MVC†	21	16.9	16	12.6	18	14.0	26	19.9	23	16.8
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	54	43.5	61	48.1	45	35.1	58	44.3	57	41.7
Homicide†	<5	§	<5	§	<5	§	<5	§	5	3.7
Assault Hospitalizations†	76	61.3	67	52.8	64	49.9	94	71.8	79	57.8
Assault Injury ED Discharges†										
Suicide†	14	11.3	9	7.1	12	9.4	11	8.4	<5	§
Self-Inflicted Hospitalizations†	57	46.0	80	63.1	76	59.3	56	42.8	51	37.3
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	7	5.6	8	6.3	5	3.9	8	6.1	6	4.4
Firearm-related Hospitalizations†	<5	§	7	5.5	9	7.0	13	9.9	18	13.2
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

‡ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

SRA: South Bay										
Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	132	96.5	113	82.5	127	92.3	111	79.6	131	93.8
Coronary Heart Disease Hospitalizations†	585	427.6	671	489.9	604	438.8	579	415.3	589	421.8
Coronary Heart Disease ED Discharges†			42	30.7	35	25.4	50	35.9	25	17.9
Stroke Deaths†	46	33.6	39	28.5	35	25.4	23	16.5	42	30.1
Stroke Hospitalizations†	284	207.6	315	230.0	294	213.6	297	213.1	307	219.9
Stroke ED Discharges†			46	33.6	50	36.3	47	33.7	49	35.1
Diabetes Deaths†	29	21.2	31	22.6	27	19.6	25	17.9	34	24.4
Diabetes Hospitalizations†	272	198.8	275	200.8	270	196.2	282	202.3	316	226.3
Diabetes ED Discharges†			255	186.2	235	170.7	249	178.6	272	194.8
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	100	73.1	105	76.7	93	67.6	113	81.1	121	86.7
Asthma ED Discharges†			566	413.2	557	404.7	540	387.4	570	408.2
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	26	19.0	29	21.2	33	24.0	23	16.5	22	15.8
COPD Hospitalizations†	136	99.4	100	73.0	136	98.8	162	116.2	157	112.4
COPD ED Discharges†			312	227.8	357	259.4	397	284.8	498	356.7
All Cancer Deaths†	161	117.7	161	117.5	186	135.1	188	134.9	176	126.1
Prostate Cancer Deaths (among males)†	6	8.6	<5	§	<5	§	8	12.1	14	19.7
Cervical Cancer Deaths (among females)†	5	7.4	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	15	22.3	11	15.3	9	12.4	6	8.2	18	26.3
Colorectal Cancer Deaths†	17	12.4	16	11.7	20	14.5	17	12.2	10	7.2
Lung Cancer Deaths†	39	28.5	36	26.3	43	31.2	48	34.4	46	32.9
Arthritis Hospitalizations†	232	169.6	242	176.7	254	184.5	251	180.1	282	202.0
Arthritis ED Discharges†			560	408.9	545	395.9	602	431.8	571	409.0
Dorsopathies Hospitalizations†	144	105.3	159	116.1	158	114.8	168	120.5	152	108.9
Dorsopathies ED Discharges†			740	540.3	761	552.9	740	530.8	874	626.0
Tuberculosis Incidence†	27	19.7	34	24.8	24	17.4	22	15.8	27	19.3
Chronic Hepatitis C Reported†	316	231.0	294	214.6	660	479.5	276	198.0	1,521	1,089.3
Chlamydia Reported, Underestimate††	496	362.5	495	361.4	553	401.8	644	462.0	642	459.8
Gonorrhea Reported, Underestimate††	89	65.1	88	64.2	75	54.5	56	40.2	45	32.2
Primary and Secondary Syphilis Reported†	8	5.8	12	8.8	13	9.4	12	8.6	13	9.3
Live Births†, % of Region's births	2,874	33.2%	2,961	33.4%	2,927	33.1%	3,045	35.1%	2,800	33.7%
Live Births to Girls, Ages 15-17†, % of SRA's births	108	3.8%	113	3.8%	103	3.5%	122	4.0%	116	4.1%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	2,522	87.9%	2,586	87.6%	2,449	84.0%	2,526	83.1%	2,262	80.8%
Live Births born Preterm†, % of SRA's births	293	10.5%	252	8.7%	271	9.4%	256	8.5%	233	8.3%
Low Birth Weight Births†, % of SRA's births	178	6.2%	152	5.1%	191	6.5%	191	6.3%	156	5.6%
Very Low Birth Weight Births†, % of SRA's births	33	1.1%	39	1.3%	34	1.2%	41	1.3%	18	0.6%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	15	5.2	15	5.0	13	4.4	9	2.9	14	5.0
Infant Mortality†, Rate per 1,000 live births	14	4.9	16	5.4	15	5.1	15	4.9	8	2.9
Unintentional Injury Deaths†	22	16.1	23	16.8	32	23.2	39	28.0	31	22.2
Unintentional Injury Hospitalizations†	827	604.5	828	604.5	784	569.6	937	672.2	938	671.8
Unintentional Injury ED Discharges†			6,187	4,517.1	6,269	4,554.5	6,033	4,327.7	6,165	4,415.4
Fall-related Deaths†	<5	§	<5	§	<5	§	9	6.5	7	5.0
Fall-related Hospitalizations†	355	259.5	343	250.4	338	245.6	417	299.1	448	320.9
Fall-related ED Discharges†			1,968	1,436.8	1,981	1,439.2	2,030	1,456.2	2,105	1,507.6
Overdose/Poisoning Deaths†	10	7.3	10	7.3	20	14.5	14	10.0	16	11.5
Overdose/Poisoning Hospitalizations†	79	57.7	96	70.1	88	63.9	113	81.1	112	80.2
Overdose/Poisoning ED Discharges†			156	113.9	195	141.7	190	136.3	184	131.8
Deaths due to Motor Vehicle (MV) Injury†	8	5.8	10	7.3	9	6.5	11	7.9	7	5.0
Hospitalizations due to MV Injury†	172	125.7	165	120.5	141	102.4	142	101.9	135	96.7
ED Discharges due to MV Injury†			683	498.7	725	526.7	611	438.3	648	464.1
Motor Vehicle Crash Injuries†	628	459.0	623	454.9	593	430.8	488	350.1	574	411.1
Alcohol-involved MVC Injuries†	105	76.7	84	61.3	126	91.5	76	54.5	103	73.8
Drinking Drivers Involved in MV Crashes†	69	50.4	60	43.8	78	56.7	64	45.9	59	42.3
Active Restraint Use, % of MVO Injured, Ages 6+ †	382	84.7%	331	83.2%	258	87.5%	227	90.4%	257	89.5%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	7	53.8%	<5	§	<5	§	<5	§	<5	§
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	22	16.1	18	13.1	10	7.3	16	11.5	17	12.2
Pedestrian ED Discharges due to MVC†			40	29.2	44	32.0	35	25.1	42	30.1
Pedestrian Injuries due to MVC†	48	35.1	44	32.1	43	31.2	44	31.6	41	29.4
Homicide†	6	4.4	<5	§	6	4.4	5	3.6	<5	§
Assault Hospitalizations†	69	50.4	142	103.7	140	101.7	149	106.9	165	118.2
Assault Injury ED Discharges†			415	303.0	472	342.9	449	322.1	455	325.9
Suicide†	8	5.8	9	6.6	7	5.1	11	7.9	11	7.9
Self-Inflicted Hospitalizations†	51	37.3	61	44.5	67	48.7	76	54.5	89	63.7
Self-Inflicted Injury ED Discharges†			79	57.7	75	54.5	111	79.6	105	75.2
Firearm-related Deaths†	9	6.6	5	3.7	<5	§	10	7.2	<5	§
Firearm-related Hospitalizations†	12	8.8	15	11.0	15	10.9	14	10.0	18	12.9
Firearm-related ED Discharges†			13	9.5	11	8.0	15	10.8	15	10.7
Dental-related ED Discharges†			151	110.2	131	95.2	157	112.6	157	112.4

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSa, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSa), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

### SRA: Sweetwater

Indicator	2000		2001		2002		2003		2004	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	45	60.5	36	44.6	42	47.1	61	62.3	42	40.2
Coronary Heart Disease Hospitalizations†	158	212.4	174	215.6	226	253.7	196	200.2	239	228.6
Coronary Heart Disease ED Discharges†										
Stroke Deaths†	15	20.2	20	24.8	17	19.1	16	16.3	22	21.0
Stroke Hospitalizations†	87	117.0	87	107.8	102	114.5	119	121.6	93	89.0
Stroke ED Discharges†										
Diabetes Deaths†	<5	§	<5	§	5	5.6	5	5.1	12	11.5
Diabetes Hospitalizations†	13	17.5	32	39.7	36	40.4	25	25.5	27	25.8
Diabetes ED Discharges†										
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	33	44.4	33	40.9	33	37.0	36	36.8	27	25.8
Asthma ED Discharges†										
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	<5	§	5	6.2	5	5.6	7	7.2	9	8.6
COPD Hospitalizations†	24	32.3	27	33.5	48	53.9	34	34.7	32	30.6
COPD ED Discharges†										
All Cancer Deaths†	52	69.9	57	70.6	54	60.6	81	82.8	64	61.2
Prostate Cancer Deaths (among males)†	7	19.2	<5	§	<5	§	<5	§	<5	§
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	8	21.1	5	12.1	5	10.9	8	15.9	9	16.7
Colorectal Cancer Deaths†	<5	§	7	8.7	6	6.7	11	11.2	9	8.6
Lung Cancer Deaths†	11	14.8	11	13.6	7	7.9	17	17.4	11	10.5
Arthritis Hospitalizations†	60	80.7	57	70.6	91	102.2	106	108.3	98	93.7
Arthritis ED Discharges†										
Dorsopathies Hospitalizations†	42	56.5	60	74.4	67	75.2	66	67.4	82	78.4
Dorsopathies ED Discharges†										
Tuberculosis Incidence†	<5	§	<5	§	<5	§	5	5.1	7	6.7
Chronic Hepatitis C Reported†	19	25.5	19	23.5	26	29.2	20	20.4	52	49.7
Chlamydia Reported, Underestimate††	37	49.7	62	76.8	96	107.8	112	114.4	141	134.9
Gonorrhea Reported, Underestimate††	5	6.7	11	13.6	10	11.2	19	19.4	19	18.2
Primary and Secondary Syphilis Reported†	<5	§	<5	§	<5	§	<5	§	<5	§
Live Births†, % of Region's births	743	9.7%	895	11.4%	1,130	14.2%	1,214	14.8%	1,455	17.1%
Live Births to Girls, Ages 15-17†, % of SRA's births	5	0.7%	10	1.1%	5	0.4%	7	0.6%	10	0.7%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	680	92.3%	828	92.9%	1,051	93.3%	1,158	95.5%	1,361	93.7%
Live Births born Preterm†, % of SRA's births	64	9.0%	97	11.3%	102	9.4%	113	9.7%	167	12.0%
Low Birth Weight Births†, % of SRA's births	41	5.5%	60	6.7%	55	4.9%	80	6.6%	101	6.9%
Very Low Birth Weight Births†, % of SRA's births	<5	§	8	0.9%	11	1.0%	19	1.6%	22	1.5%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	§	6	6.7	7	6.2	7	5.7	5	3.4
Infant Mortality†, Rate per 1,000 live births	<5	§	6	6.7	<5	§	<5	§	7	4.8
Unintentional Injury Deaths†	6	8.1	8	9.9	12	13.5	5	5.1	6	5.7
Unintentional Injury Hospitalizations†	185	248.7	199	246.6	243	272.8	280	286.1	313	299.4
Unintentional Injury ED Discharges†										
Fall-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Fall-related Hospitalizations†	77	103.5	79	97.9	107	120.1	109	111.4	133	127.2
Fall-related ED Discharges†										
Overdose/Poisoning Deaths†	<5	§	<5	§	5	5.6	<5	§	<5	§
Overdose/Poisoning Hospitalizations†	22	29.6	33	40.9	27	30.3	26	26.6	28	26.8
Overdose/Poisoning ED Discharges†										
Deaths due to Motor Vehicle (MV) Injury†	<5	§	<5	§	7	7.9	<5	§	<5	§
Hospitalizations due to MV Injury†	41	55.1	48	59.5	55	61.7	73	74.6	70	67.0
ED Discharges due to MV Injury†										
Motor Vehicle Crash Injuries†	209	281.0	236	292.5	248	278.4	257	262.6	343	328.1
Alcohol-involved MVC Injuries†	16	21.5	17	21.1	19	21.3	34	34.7	39	37.3
Drinking Drivers Involved in MV Crashes†	11	14.8	15	18.6	16	18.0	20	20.4	28	26.8
Active Restraint Use, % of MVO Injured, Ages 6+ †	142	81.6%	158	80.2%	154	75.9%	148	71.5%	202	80.8%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	<5	§	<5	§	<5	§	5	5.1	5	4.8
Pedestrian ED Discharges due to MVC†										
Pedestrian Injuries due to MVC†	12	16.1	8	9.9	10	11.2	6	6.1	6	5.7
Homicide†	<5	§	<5	§	<5	§	<5	§	<5	§
Assault Hospitalizations†	10	13.4	7	8.7	9	10.1	12	12.3	12	11.5
Assault Injury ED Discharges†										
Suicide†	<5	§	<5	§	<5	§	<5	§	8	7.7
Self-Inflicted Hospitalizations†	11	14.8	30	37.2	25	28.1	36	36.8	20	19.1
Self-Inflicted Injury ED Discharges†										
Firearm-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Firearm-related Hospitalizations†	<5	§	<5	§	<5	§	<5	§	<5	§
Firearm-related ED Discharges†										
Dental-related ED Discharges†										

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

‡ Underestimate due to cases with unknown residence. There are approximately 30% of cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

## South Region Subregional Areas (2000-2009)

SRA: Sweetwater										
Indicator	2005		2006		2007		2008		2009	
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*
Coronary Heart Disease Deaths†	46	41.5	60	50.1	67	54.8	57	45.7	61	46.6
Coronary Heart Disease Hospitalizations†	240	216.5	257	214.8	275	224.8	271	217.5	248	189.6
Coronary Heart Disease ED Discharges†			22	18.4	23	18.8	20	16.1	22	16.8
Stroke Deaths†	17	15.3	16	13.4	23	18.8	20	16.1	18	13.8
Stroke Hospitalizations†	125	112.8	137	114.5	149	121.8	130	104.3	132	100.9
Stroke ED Discharges†			33	27.6	19	15.5	30	24.1	25	19.1
Diabetes Deaths†	8	7.2	7	5.8	7	5.7	8	6.4	12	9.2
Diabetes Hospitalizations†	46	41.5	70	58.5	71	58.0	63	50.6	65	49.7
Diabetes ED Discharges†			73	61.0	70	57.2	63	50.6	77	58.9
Asthma Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Asthma Hospitalizations†	34	30.7	44	36.8	32	26.2	40	32.1	55	42.0
Asthma ED Discharges†			189	157.9	208	170.1	226	181.4	177	135.3
Chronic Obstructive Pulmonary Disease (COPD) Deaths†	13	11.7	11	9.2	12	9.8	10	8.0	11	8.4
COPD Hospitalizations†	44	39.7	29	24.2	51	41.7	56	44.9	53	40.5
COPD ED Discharges†			127	106.1	141	115.3	139	111.6	176	134.5
All Cancer Deaths†	71	64.0	84	70.2	85	69.5	96	77.1	97	74.1
Prostate Cancer Deaths (among males)†	<5	§	<5	§	<5	§	<5	§	<5	§
Cervical Cancer Deaths (among females)†	<5	§	<5	§	<5	§	<5	§	<5	§
Female Breast Cancer Deaths (among females)†	7	12.3	7	11.4	7	11.1	11	17.1	8	11.9
Colorectal Cancer Deaths†	<5	§	12	10.0	8	6.5	6	4.8	7	5.4
Lung Cancer Deaths†	13	11.7	14	11.7	20	16.4	19	15.2	18	13.8
Arthritis Hospitalizations†	127	114.6	142	118.7	152	124.3	172	138.0	156	119.2
Arthritis ED Discharges†			225	188.0	268	219.1	257	206.3	334	255.3
Dorsopathies Hospitalizations†	79	71.3	82	68.5	72	58.9	121	97.1	91	69.6
Dorsopathies ED Discharges†			410	342.6	341	278.8	409	328.3	411	314.1
Tuberculosis Incidence†	9	8.1	8	6.7	7	5.7	12	9.6	7	5.4
Chronic Hepatitis C Reported†	47	42.4	59	49.3	63	51.5	52	41.7	42	32.1
Chlamydia Reported, Underestimate††	148	133.5	218	182.2	211	172.5	238	191.0	280	214.0
Gonorrhea Reported, Underestimate††	16	14.4	30	25.1	25	20.4	20	16.1	19	14.5
Primary and Secondary Syphilis Reported†	5	4.5	<5	§	<5	§	<5	§	<5	§
Live Births†, % of Region's births	1,578	18.2%	1,763	19.9%	1,783	20.2%	1,542	17.8%	1,519	18.3%
Live Births to Girls, Ages 15-17†, % of SRA's births	9	0.6%	15	0.9%	28	1.6%	20	1.3%	16	1.1%
Live Births with Early Prenatal Care†, % of Known Prenatal Care	1,488	94.4%	1,650	93.6%	1,609	90.6%	1,370	89.0%	1,367	90.0%
Live Births born Preterm†, % of SRA's births	179	11.6%	173	10.0%	201	11.5%	157	10.3%	162	10.7%
Low Birth Weight Births†, % of SRA's births	121	7.7%	107	6.1%	121	6.8%	115	7.5%	117	7.7%
Very Low Birth Weight Births†, % of SRA's births	13	0.8%	19	1.1%	24	1.3%	15	1.0%	15	1.0%
Fetal Mortality†, Rate per 1,000 live births & fetal deaths	<5	§	5	2.8	<5	§	5	3.2	6	3.9
Infant Mortality†, Rate per 1,000 live births	11	7.0	5	2.8	9	5.0	6	3.9	<5	§
Unintentional Injury Deaths†	10	9.0	15	12.5	15	12.3	13	10.4	14	10.7
Unintentional Injury Hospitalizations†	332	299.5	344	287.4	352	287.8	369	296.2	395	301.9
Unintentional Injury ED Discharges†			3,258	2,722.4	3,484	2,848.4	3,455	2,773.0	3,595	2,747.7
Fall-related Deaths†	<5	§	<5	§	<5	§	<5	§	<5	§
Fall-related Hospitalizations†	152	137.1	140	117.0	165	134.9	153	122.8	190	145.2
Fall-related ED Discharges†			924	772.1	1,064	869.9	1,043	837.1	1,163	888.9
Overdose/Poisoning Deaths†	5	4.5	<5	§	5	4.1	<5	§	<5	§
Overdose/Poisoning Hospitalizations†	19	17.1	30	25.1	27	22.1	29	23.3	36	27.5
Overdose/Poisoning ED Discharges†			74	61.8	72	58.9	94	75.4	110	84.1
Deaths due to Motor Vehicle (MV) Injury†	<5	§	7	5.8	<5	§	5	4.0	9	6.9
Hospitalizations due to MV Injury†	89	80.3	80	66.8	69	56.4	94	75.4	73	55.8
ED Discharges due to MV Injury†			430	359.3	401	327.8	390	313.0	379	289.7
Motor Vehicle Crash Injuries†	298	268.8	358	299.1	325	265.7	213	171.0	231	176.6
Alcohol-involved MVC Injuries†	37	33.4	39	32.6	44	36.0	30	24.1	43	32.9
Drinking Drivers Involved in MV Crashes†	25	22.6	30	25.1	29	23.7	26	20.9	25	19.1
Active Restraint Use, % of MVO Injured, Ages 6+ †	215	90.0%	242	87.1%	229	89.5%	138	82.6%	159	87.8%
Child Restraint Use, % of MVO Injured, Ages 0-5 †	<5	§	5	83.3%	<5	§	5	71.4%	<5	§
Pedestrian Deaths due to MVC†	<5	§	<5	§	<5	§	<5	§	<5	§
Pedestrian Hospitalizations due to MVC†	6	5.4	<5	§	<5	§	7	5.6	7	5.4
Pedestrian ED Discharges due to MVC†			8	6.7	14	11.4	17	13.6	18	13.8
Pedestrian Injuries due to MVC†	7	6.3	15	12.5	11	9.0	11	8.8	6	4.6
Homicide†	<5	§	<5	§	<5	§	<5	§	<5	§
Assault Hospitalizations†	17	15.3	14	11.7	21	17.2	24	19.3	20	15.3
Assault Injury ED Discharges†			111	92.8	121	98.9	116	93.1	124	94.8
Suicide†	7	6.3	<5	§	6	4.9	7	5.6	6	4.6
Self-Inflicted Hospitalizations†	16	14.4	18	15.0	22	18.0	24	19.3	38	29.0
Self-Inflicted Injury ED Discharges†			37	30.9	29	23.7	37	29.7	41	31.3
Firearm-related Deaths†	<5	§	<5	§	<5	§	5	4.0	<5	§
Firearm-related Hospitalizations†	<5	§	7	5.8	<5	§	6	4.8	7	5.4
Firearm-related ED Discharges†			<5	§	<5	§	<5	§	5	3.8
Dental-related ED Discharges†			59	49.3	57	46.6	56	44.9	92	70.3

\* Rates per 100,000 population, unless otherwise noted. See Data Guide: Glossary for specific information or Important Information for Data Users for general information on rates.

† For disease definitions see Glossary in Data Guide.

§ Rates and percents not calculated for fewer than 5 events.

†† Underestimate due to cases with unknown residence. There are approximately 30% cases, 2500 chlamydia and 600 gonorrhea cases per year, missing residence data.

Source: CoSD, HHSA, SANDAG, Current Population Estimates, 10/2010. See Data Sources in Data Guide for specific information.

Prepared by: County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 12/8/2011.

# **DATA GUIDE**

## Important Information for Data Users

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### Please Review This Section Before Using the Following Public Health Data

For abbreviations used in data sources, see [Data Sources](#).

#### Diagnoses:

Disease definitions for most indicators are based on ICD-CM coding. Two versions of ICD coding are used in this document depending upon the data source, ICD-9 or ICD-10. ICD-CM based data for San Diego is comparable whether obtained using the 9<sup>th</sup> or 10<sup>th</sup> revision; codes used are listed in footnotes for appropriate tables. Healthy People 2010, USA, California data are shown if available and comparable to local data.

The death data used in this document only include underlying cause of death. That means that deaths are categorized only by the disease or injury that initiated the chain of events leading to death and not by the immediate cause or any other contributing causes. For example, a diabetic who died of heart disease resulting from complications of diabetes would only be included among diabetes-related deaths. Similarly, Hospital Discharge and Emergency Department Discharge data is reported by the primary diagnosis at time of discharge for which the medical encounter occurred. In some cases, indicators are based on case definitions; meeting specified clinical and/or laboratory criteria not ICD-CM coding.

#### Comparing Data:

Caution must be used when exploring data from multiple sources or even the same data prepared by different analysts; comparisons may not be appropriate. Attention to accompanying information is important in order to note differences including, but not limited to: data sources, data preparation, diagnosis/case definitions, rate constant (i.e. per 100,000 or 1,000), geographic units, persons included in the data (i.e. location of occurrence vs. location of residence, or among live births not total pregnancies).

Data from different tables must not be modified (i.e. aggregated or subtracted). For example, pedestrian deaths can not be added to nonfatal pedestrian injuries to determine total injuries. In this case, one database is recorded by location of residence, while the other is by location of occurrence. If you need assistance or additional data not contained here, please contact the Community Health Statistics unit.

#### Geography: Understanding Geographic Units used in Health Data

Many different geographic units are used throughout San Diego County. In this document, boundaries for Regions and Subregional Areas (SRA) used here are based on census tracts and approximate Health and Human Service Agency Region (HHSA

Region) boundaries which are based on zip codes. The exception to this is California Health Interview Survey (CHIS) data, which use zip code based HHS Regions.

Many data users have expressed the desire for community level data, beyond the HHS Region (which are large aggregations of zip codes). Several levels of geography may be considered, such as, Subregional Area, Census Tract, Zip Code, or City. In order to provide community level health data and compare populations, it is important to have stable geographic units and units that are compatible with population data estimates.

While most health data is reported by zip code, zip codes may change at any time throughout the year – making annual aggregated estimates difficult. Additionally, since zip codes may change from one year to the next, comparing zip code data over time may introduce a level of imprecision. Subregional Areas (SRAs) are small, community level geographic units based on census tracts which are stable between census years (i.e. change only every 10 years, if at all). Population estimates are available at this level with high level of accuracy. However, health data for an SRA must be estimated based on reported zip code data.

### Types of data available for Geographic Boundaries

Zip Codes:	Census Tracts:
HHS Region	Subregional Area (SRA)
Health Services	Major Statistical Area (MSA)
	Region (approximated HHS Region)

In this document community level (SRA) data is aggregated to larger regional levels. Currently, Region aggregations based on SRAs closely approximate, but do not directly correspond to HHS Regions. In order to have more accurate community level data and enable reliable comparisons over time and place, SRA Region aggregations are used in lieu of HHS Regions. Other data preparers that provide direct HHS Region level data may differ slightly from the data presented here; however, any difference would not be expected to impact any decisions related to policy, planning, or resources for any particular area. There are 3 zip codes which are primarily affected by the differences in method of aggregation to Region or HHS Region (see table below). A list of zip codes representing each Region is included at the beginning of the Region section within each Profile, as well as a complete listing in the County Profile.

Again, the only data in this document to which the above information *does not* apply is the CHIS (California Health Interview Survey) data in the Public Health Data Section. Data in this survey is collected by HHS Region and can not be estimated for SRA based Regions.

### Methods of Aggregating Data

HHS		Community Profiles	
HHS REGION	← Zip Code →	Subregional Area (SRA)	→ Region
North Coastal	92014	Del Mar-Mira Mesa	North Central
North Coastal	92091	North San Diego	North Inland
North Central	92131	Poway	North Inland

**Rates, Age Adjusted Rates: Understanding Rates and Age Adjusted Rates**

The public health data in the Community Profiles includes crude rates (from this point forward referred to as rates) for Regional and Subregional (SRA) level data. Additionally, age adjusted rates are provided for County level data in many cases.

For comparison, Healthy People 2010 Targets are included, along with comparable USA and California rates. Many Healthy People 2010 Targets are based on age adjusted rates; these are indicated by “age adjusted population”. When a Healthy People target listed is based on an age adjusted rate, the comparable rates for USA and California are also age adjusted.

A rate is the number of cases divided by the population, usually multiplied by a constant. For example 987 cases, divided by population of 654,321 would be a rate of 150.8 per 100,000 population. This means for every 100,000 people, 150-151 cases would be expected.

Calculations of age adjusted rates are slightly more complex. They take into account the age of each case relative to a standard age distribution of a reference population. Recently a new reference population was determined referred to as “2000 US standard population”, previously used was a reference population from 1940. The 2000 US standard population proportions more closely reflect the current age distribution of the entire US population.

Age adjusted rates represent the rates that would be expected if a population of interest had the same age distribution as the standard population. This removes the effect of age when comparing rates to identify risk in a population. This is important in many cases when comparing risk “across populations with different underlying age structures”<sup>1</sup>.

Since many causes of mortality disproportionately affect older persons, disease mortality is often reported as age adjusted rates. This is the case with many Healthy People 2010 Targets, particularly death rates.

Age adjusted rates are used to compare relative risk (over time or between populations), while removing the effect of differences in the age of a population. Age-adjusting shows differences between groups that are not due to differences in age distribution. “Age adjusted rates should be viewed as relative indexes rather than as direct or actual measures” of risk<sup>1</sup>.

For many users of this data the magnitude of an issue is important, not only the risk outside of age. Often planning and resource needs are based on data. In this case, knowing that a group contains an older population is valid & important for planning for those diseases which affect different aged population sectors.

Additionally, differences may be due to other reasons besides age, such as gender or race/ethnicity. One may want to consider several of these demographic factors when

examining a health issue. Each Profile contains demographic data for each Region and SRA, including: age, gender, race/ethnicity distributions, income, occupation, housing and education data. Many of these factors have been implicated at the roots of health disparities.

1: <http://wonder.cdc.gov/wonder/help/ucd.html>

## Data Sources

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Health and demographic data are available from a variety of sources, represented by three different categories of data. Population data, such as the census, is collected from the entire population. Sample or survey data are collected from a portion of the population, and extrapolated to represent the entire population. Administrative data are collected based on an organization's day-to-day operations, such as the prehospital database. The following data sources were used in the preparation of this report.

*American Community Survey (ACS):* ACS is a new nationwide survey designed to provide communities a fresh look at how they are changing. It is intended to eliminate the need for the long form in the 2010 Census. The ACS collects information from U.S. households similar to what was collected on the Census 2000 long form, such as income, commute time to work, home value, veteran status, and other important data. Information is available by county.

*Emergency Department Data (ED Data):* ED data is collected and maintained for most emergency hospitals in San Diego County. ED data elements include patient's home zip code, demographic information, source of payment, disposition, diagnoses and procedures performed for all patients treated and discharged from the ED.

*HIV/AIDS Reporting System (HARS):* HARS is used to report HIV and AIDS cases in San Diego County. HIV reporting began recently (July 2002), has not been evaluated and therefore is not available for zip code level analysis. The number of AIDS cases is available by zip code if the total is 5 or more.

*Hospital Discharge Data:* Discharge data is collected and maintained for most inpatient facilities in San Diego County. Discharge data elements include patient's home zip code, demographic information, source of payment, disposition, diagnoses and procedures performed for all patients admitted to the hospital for any condition.

*Medical Examiner's Data:* EMS receives an Investigative Summary and Autopsy for every individual who dies in San Diego County from a traumatic injury. Medical Examiner's Records contain injury related information including date and time of injury, incident location, patient home zip code, external cause of injury (ICD9 CM E code), age, sex, race/ethnicity, vehicle make and type, law enforcement agency and report number, mechanism of injury and detailed narrative of injuries sustained.

*Prehospital Database:* EMS receives a prehospital patient record (PPR) for every patient seen by a paramedic or emergency medical technician from 911 calls. The PPR contains information including demographics, incident zip code location, chief complaint, patient status, injury event information, restraint use, contributing factors, times and outcomes. At this time, only those calls in which paramedic or EMT made contact with a MICN at a base hospital are included in this data.

*San Diego Association of Governments (SANDAG):* SANDAG creates and maintains a tremendous quantity of demographic, economic, land use, transportation and criminal justice information about the San Diego region. Demographic data includes population characteristics like age, education, and employment. SANDAG develops annual demographic estimates and long range forecasts in addition to maintaining census data files. Data is available by County, SRA, zip code, and census tract.

*STD Morbidity Surveillance Data:* Data is available for three STDs: Chlamydia, gonorrhea and syphilis (primary and secondary). Information on age, gender, race/ethnicity are available for all 3 diseases. Data is also available at the zip code level, although this data is incomplete.

*Statewide Integrated Traffic Record System (SWITRS):* SWITRS is traffic collision data collected by the California Highway Patrol. Collisions with personal injury on public roads are included. Detailed information on the circumstances of the crash, drivers, passengers, and other victims are available by incident zip code.

*Trauma Registry:* EMS receives a Trauma Registry for every trauma patient admitted to any of the designated trauma center hospitals who meets one or more of the following criteria: length of hospitalization of 24 hours or more, death due to traumatic injuries, or transfer to or from another acute care hospital.

*Vital Records Data:* A birth certificate is required for every live birth in San Diego County; a death certificate is completed for every person who dies in San Diego County. Vital records data includes information on birth (e.g. weight) or death (e.g. underlying and contributing causes of death) and basic demographic information by zip code.

Additional abbreviations used in sources:

CA DPH – State of California, Department of Public Health

CDC – Centers for Disease Control and Prevention

CHIP – Community Health Improvement Partners

HASD & IC – Hospital Association of San Diego & Imperial Counties

NCHS – National Center for Health Statistics

NVSS- National Vital Statistics System

OSHPD – California Office of Statewide Health Planning and Development

# **GLOSSARY:**

## **Health Indicator Terms**

## Glossary of Health Indicator Terms

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The following are definitions of health indicator terms for population and service data used in this document, including which databases data comes from (noted in italics). For more information, see **Data Sources**.

Disease data here represent only principal diagnoses (or underlying cause of death) and do not include secondary diagnoses. Injury data using ICD10 coding (death) only uses underlying cause of death; injury data using Ecodes from Emergency Department and Hospital discharges include only primary Ecode (mechanism of injury).

The majority of the data here are reported by location of residence of the subject. Non-fatal motor vehicle injury data from SWITRS is reported by location of occurrence; while motor vehicle death data (from Death Statistical Master Files) is reported by location of residence.

### Population and Service Data Definitions:

**Coronary Heart Disease:** ischemic and hypertensive heart disease, ICD9 codes 402, 410-414, 429.2; ICD10 codes I11, I20-I25. *Death, Hospital, Emergency Department.*

**Cardiac Chief Complaint:** cardiac chest pain, congestive heart failure, palpitations and STEMI (st-elevation myocardial infarction). *Prehospital (911).*

**Stroke:** cerebrovascular disease, ICD9 codes 430-438; ICD10 codes I60-I69. *Death, Hospital, Emergency Department.*

**Stroke Chief Complaint:** cardiovascular accident (cva). *Prehospital (911).*

**Diabetes:** Diabetes Mellitus, includes insulin-dependent and non insulin-dependent diabetes, ICD9 code 250; ICD10 codes E10-E14. *Death, Hospital, Emergency Department.*

**Asthma:** ICD9 code 493; ICD10 codes J45-J46. *Death, Hospital, Emergency Department.*

**Chronic Obstructive Pulmonary Disease (COPD):** ICD9 codes 490-492, 496; ICD10 codes J40-J44. *Death, Hospital, Emergency Department.*

**Respiratory-related Chief Complaint:** asthma, chronic obstructive pulmonary disease (COPD) and respiratory distress. *Prehospital (911).*

**Female Breast Cancer:** ICD10 code C50. *Death.*

**Prostate Cancer:** ICD10 code C61. *Death.*

**Cervical Cancer:** ICD10 code C53. *Death.*

**Colorectal Cancer:** cancer of the colon, rectum or anus, ICD10 codes C18-C21. *Death.*

**Lung Cancer:** cancer of the trachea, bronchus or lung, ICD10 codes C33-C34. *Death.*

**Arthritis:** ICD9 codes 95.6, 95.7, 98.5, 99.3, 136.1, 274, 277.2, 287.0, 344.6, 353.0, 354.0, 355.5, 357.1, 390, 391, 437.4, 443.0, 446, 447.6, 696.0, 710-716, 719.0, 719.2-719.9, 720-721, 725-727, 728.0- 728.3, 728.6-728.9, 729.0-729.1, 729.4. *Hospital, Emergency Department.*

**Dorsopathies:** ICD9 codes 720-724. *Hospital, Emergency Department.*

**Tuberculosis (TB):** new active cases reported to and confirmed by County Public Health Services, see [CDC clinical case definition](#). *TB Registry.*

**Chronic Hepatitis C:** cases reported by providers\* to County Public Health Services, see [CDC clinical case definition](#). *Hepatitis Reporting.*

**AIDS:** new cases reported by providers\* to County Public Health Services, cases need not be investigated and confirmed, see [CDC clinical case definition](#). *HIV/AIDS Reporting System.*

**Chlamydia:** new cases reported by providers\* to County Public Health Services, cases need not be investigated and confirmed, see [CDC clinical case definition](#). For estimated Chlamydia (Regional Tables), cases with unknown residence are statistically distributed to Regions to better estimate Regional needs. SRA Tables do not include a substantial number of cases reported in San Diego County, due to cases with unknown residence. Approximately 30%, or 2500 Chlamydia cases per year, are missing residence data. Chlamydia numbers are underestimated at the SRA level. *STD Reporting.*

**Gonorrhea:** new cases reported by providers\* to County Public Health Services, cases need not be investigated and confirmed, see [CDC clinical case definition](#). For estimated Gonorrhea, cases with unknown residence are statistically distributed to Regions to better estimate Regional needs. SRA Tables do not include a substantial number of cases reported in San Diego County, due to cases with unknown residence. Approximately 30%, or 600 gonorrhea cases per year, are missing residence data. Gonorrhea numbers are underestimated at the SRA level. *STD Reporting.*

**Primary and Secondary Syphilis:** new cases reported to and confirmed by County Public Health Services, see [CDC clinical case definition](#). *STD Reporting.*

**Live Birth:** a product of conception, which after complete expulsion or extraction from the mother, breathes or shows any other evidence of life. This is not synonymous with the term “pregnancy”, which can result in a miscarriage, fetal death, induced abortion or live birth. *MCFHS.*

**Early Prenatal Care:** Care beginning during the 1<sup>st</sup> trimester of pregnancy.

Rates (%) are calculated amongst those births whose start of prenatal care is known (i.e. those whose start of care is unknown or missing are excluded from the denominator).  
*MCFHS.*

**Preterm birth:** birth prior to 37 completed weeks of gestation. *MCFHS.*

**Low birth weight:** birth weight less than 2,500 g (approximately 5lbs, 8oz). *MCFHS.*

**Very low birth weight:** birth weight less than 1,500 g (approximately 3lbs, 5oz).  
*MCFHS.*

**Fetal mortality:** number of deaths of fetuses more than 20 weeks gestation per 1,000 live births and fetal deaths. *MCFHS.*

**Infant mortality:** number of deaths of infants under one year of age per 1,000 live births.  
*MCFHS.*

**Unintentional Injury:** ICD9 Ecodes E800-E869, E880-E929; ICD10 codes V01-X59, Y85-Y86. This generalized unintentional injury may overlap with specific indicators below, such as drowning, smoke/fire, suffocation, falls, motor vehicle or pedestrian deaths, as well as the unintentional portion of overdose/poisoning and firearm injuries.  
*Death, Hospital, Emergency Department.*

**Drowning:** Accidental drowning and submersion, including those caused by accident to watercraft or related to water-transport, ICD10 codes W65-W74, V90, V92. *Death.*

**Accidental exposure to smoke, fire or flame:** ICD10 codes X00-X09. *Death.*

**Unintentional suffocation:** ICD10 codes W75-W84. *Death.*

**Fall-related:** accidental falls, ICD9 Ecodes E800-E886, E888; ICD10 codes W00-W19.  
*Death, Hospital, Emergency Department.*

**Overdose/Poisoning:** all intents, ICD-9 Ecodes E850-E869, E950-E952, E962; ICD10 codes X40-X49, X60-X69, X85-X90, Y10-Y19, Y35.2, Y40-59, Y60-69, U01.6-U01.7.  
*Death, Hospital, Emergency Department.*

**Motor Vehicle Injury:** unintentional injury of anyone involved in a motor vehicle accident (collision or non-collision) on a public road, including occupants, pedestrians, and cyclists, ICD9 codes E810-819; ICD10 codes V30-V39 (.4-.9), V40-V49 (.4-.9), V50-V59 (.4-.9), V60-V69 (.4-.9), V70-V79 (.4-.9), V81.1, V82.1, V83-V86 (.0-.3), V20-V28 (.3-.9), V29 (.4-.9), V12-V14 (.3-.9), V19 (.4-.6), V02-V04 (.1, .9), V09.2, V80 (.3-.5), V87 (.0-.8), V89.2. *Death, Hospital.*

**Total Motor Vehicle Accident Injuries:** those injured in motor vehicle accidents occurring on public roads; injured may be cyclists, pedestrians or occupants of motor vehicles (such as cars, trucks, or buses). Data here is based on injuries involving a motor

vehicle in transport (in motion or readiness for motion) and is not defined by ICD codes of collision or non-collision. Data is by location of occurrence. *SWITRS*.

**Alcohol-related:** those injured in motor vehicle accidents occurring on public roads where alcohol was involved. The drinking driver need not be injured and need not be declared at fault, nor tested for being under the influence of alcohol. Data is by location of occurrence. *SWITRS*.

**Drinking Drivers:** drivers noted as drinking, involved in motor vehicle accidents occurring on public roads with injury to any party. The drinking drivers need not be injured and need not be determined to be at fault nor impaired. Data is by location of occurrence. *SWITRS*.

**Active Restraint Use:** those injured in motor vehicle accidents occurring on public roads where active restraints were used. Rates are calculated amongst those whose status of restraint use/non use was known. Data applies to those ages 6 years and older. Data is by location of occurrence. *SWITRS*.

**Child Restraint Use:** those injured in motor vehicle accidents occurring on public roads where child restraints were used. Rates are calculated amongst those whose status of restraint use/non use was known. Data applies to those ages 0-5 years. Data is by location of occurrence. *SWITRS*.

**Pedestrian injury attributed to Motor Vehicle Accidents:** unintentional injury of pedestrians involved in motor vehicle accidents on a public road, ICD9 codes E810-819(.7); ICD10 codes V02-V04 (.1, .9), V09.2. *Death, Hospital*.

**Homicide:** deaths that are intentionally inflicted by another, ICD10 codes U01-U02, X85-Y09, Y87.1. *Death*.

**Assault injury:** injuries that are intentionally inflicted by another, ICD9 codes E960-E969. *Hospital, Emergency Department*.

**Suicide:** deaths that are intentionally inflicted by self, ICD10 codes U03, X60-X84, Y87.0. *Death*.

**Self-inflicted injury:** injuries that are intentionally inflicted by self, ICD9 codes E950-E959. *Hospital, Emergency Department*.

**Firearm-related:** all intents, ICD9 Ecodes E922, E955.0-E955.4, E965.0-E965.4, E970, E985.0-E985.4; ICD10 codes W32-W34, X72-X74, U01.4, X93-X95, Y22-Y24, Y35.0. *Death, Hospital, Emergency Department*.

**Dental-related:** injury as well as non-injury medical/dental primary diagnoses, ICD9 codes 521-523, 525.3, 525.9, 873.63, 873.73. *Emergency Department*.

\* Providers may refer to health care providers (e.g. physicians, nurses, or hospital administrators), laboratories, or school administrators who are legally mandated to report diseases indicated in CCR, Title 17, sections 2500, 2508, and 2505.

***For more information, contact the  
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