

# County of San Diego Community Profiles

## Chronic Disease Profile by Region

### **REGIONS:**

North Coastal

North Central

Central

South

East

North Inland

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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**

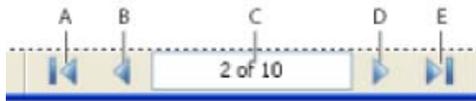
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**Use links** to jump to a section or page from a list

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.

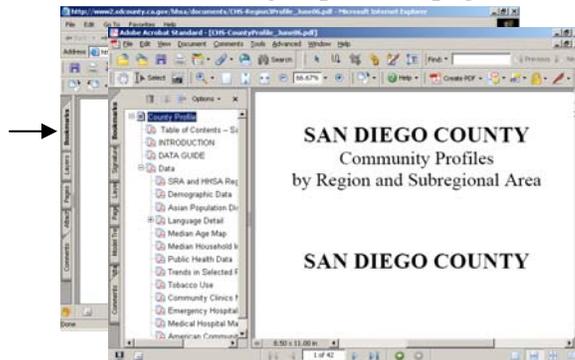
**Use the navigation bar** at the bottom of the window to move through a document:



- 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

This is a built-in table of contents that is viewed to the side of the document and can be left open while viewing the document. To access this, click on the bookmarks tab on the left side of window. Use the (+) or (-) symbols to expand or collapse the list. Click on a bookmark to jump to that page.



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# **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*.

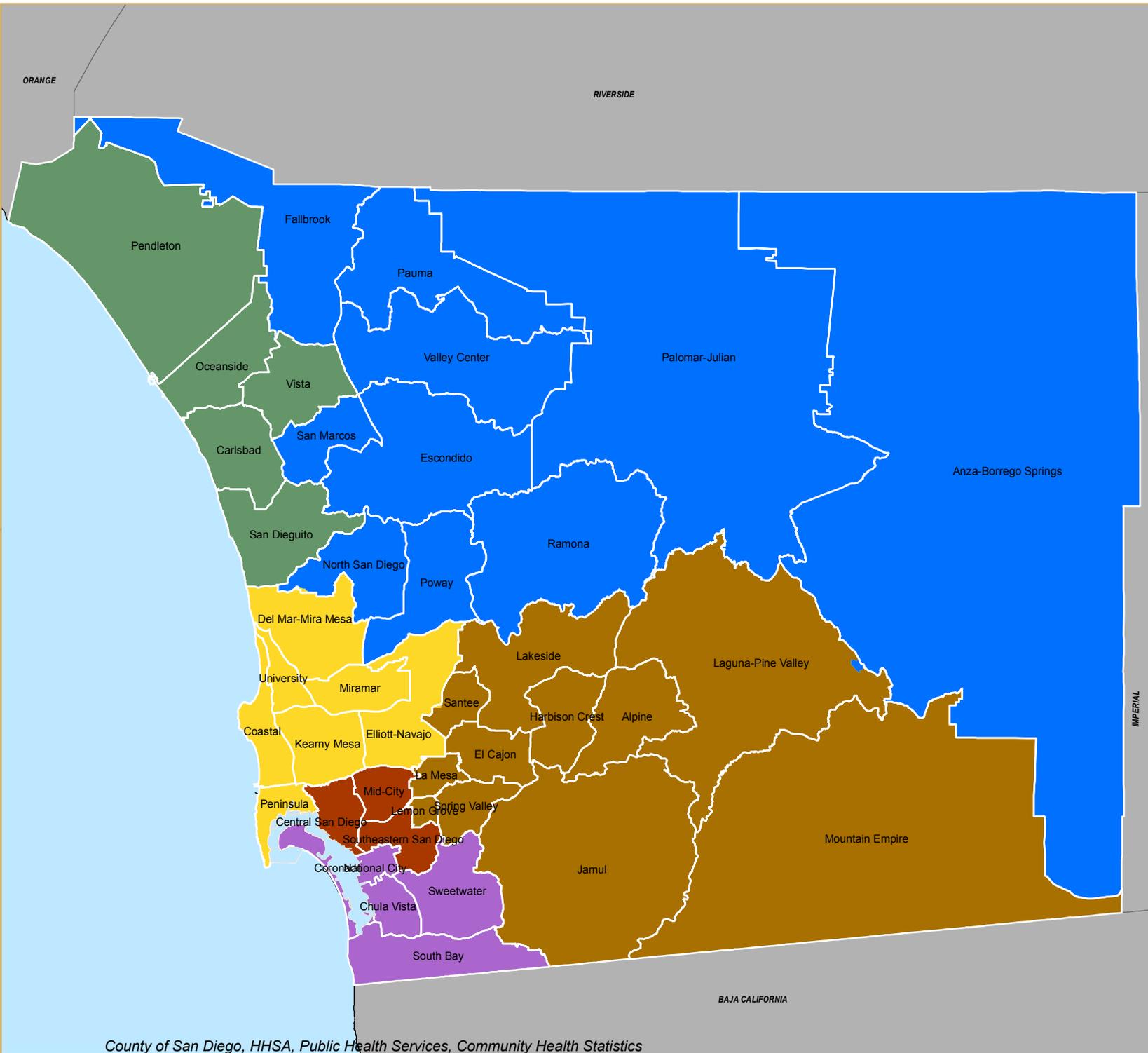
**Self-inflicted injury:** injuries that are intentionally inflicted by self, ICD9 codes E950-E959. *Hospital, Emergency Department*.

**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*.

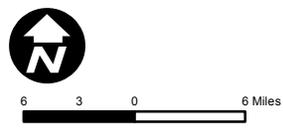
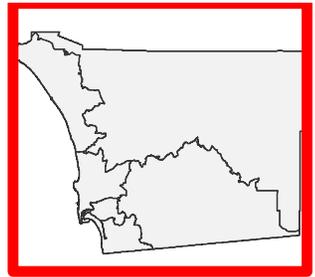
\* Providers may refer to health care providers (e.g. physicians, nurses, or hospital administrators), laboratories, or school administrators who are legally mandated to report diseases indicated in CCR, Title 17, sections 2500, 2508, and 2505.

# **SAN DIEGO COUNTY CHRONIC DISEASE PROFILE**



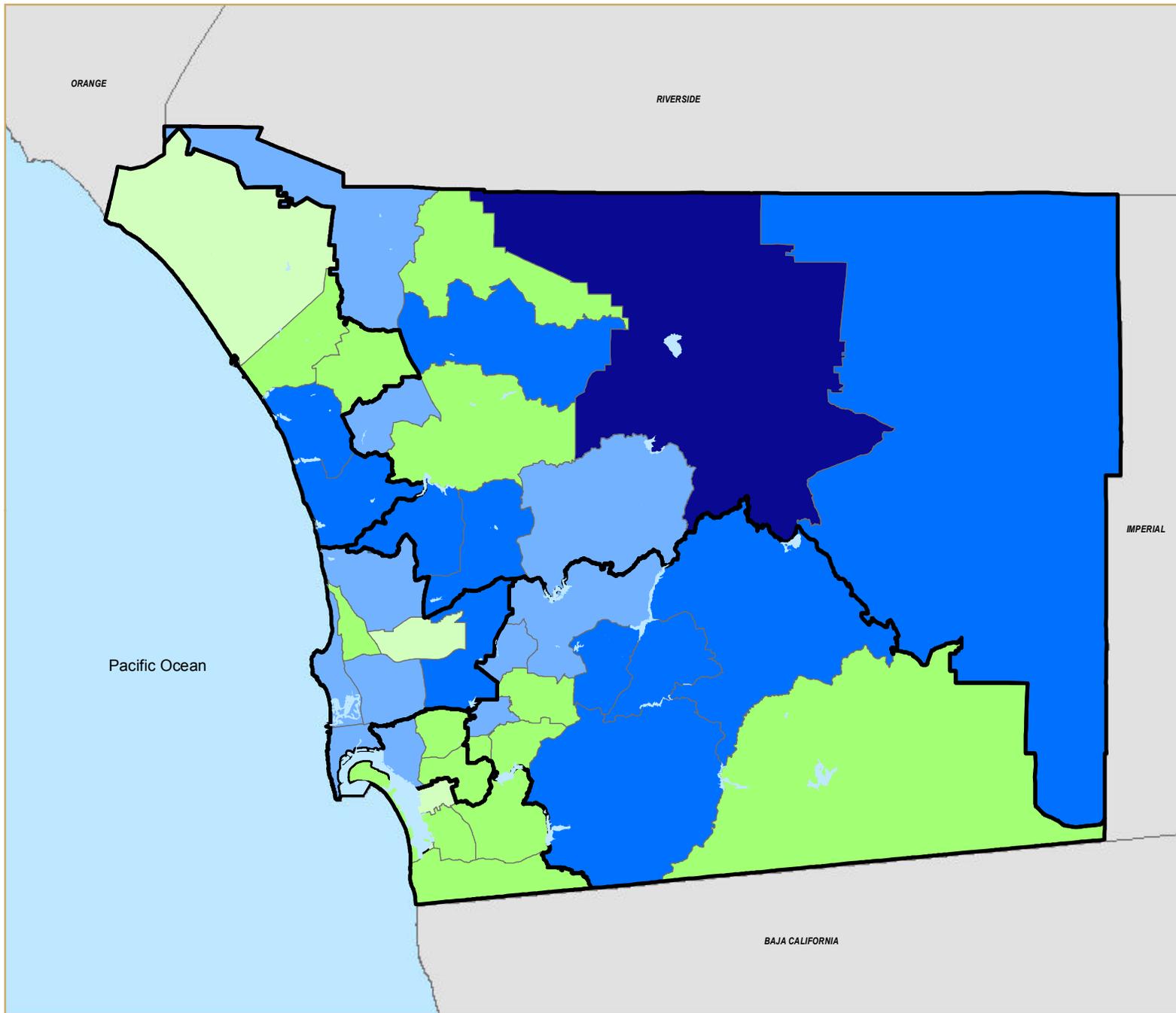
**SRA and Regional Boundaries in San Diego County**

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



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

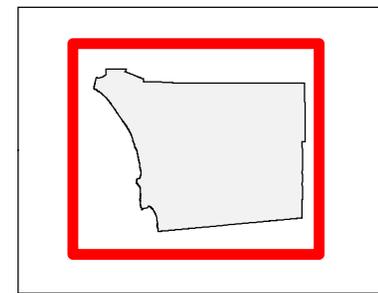
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### Median Age by Subregional Area (SRA) in San Diego County

#### Median Age by SRA, 2010 Estimates\*

- 20 - 30.0
- 30.1 - 35.0
- 35.1 - 40.0
- 40.1 - 45.0
- 45.1 - 50.0
- Region

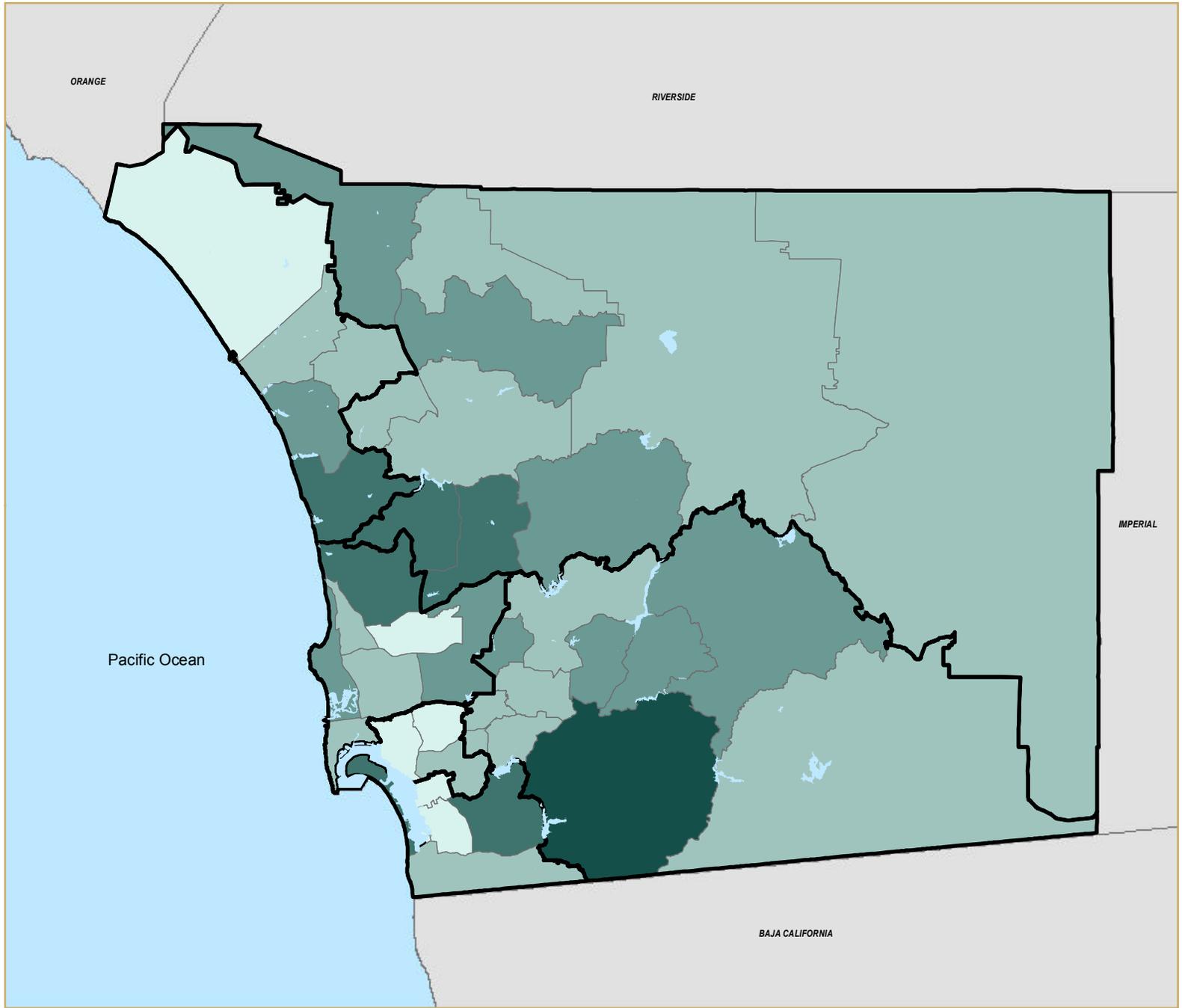


Map Date: 2011  
 Contact: Isabel Corcos or Leslie Ray,  
 County of San Diego Emergency Medical Services  
 619.285.6429

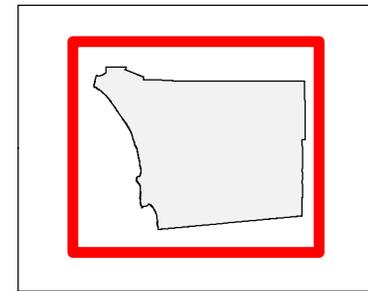
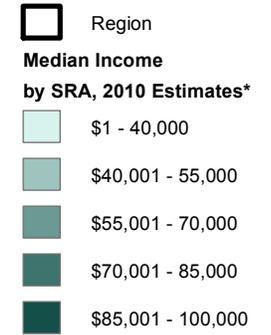
NAD\_1983\_StatePlane\_California\_VI\_FIPS\_0406\_Feet,  
 D\_North\_American\_1983\_Feet  
 Page 22 of 42

\*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





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

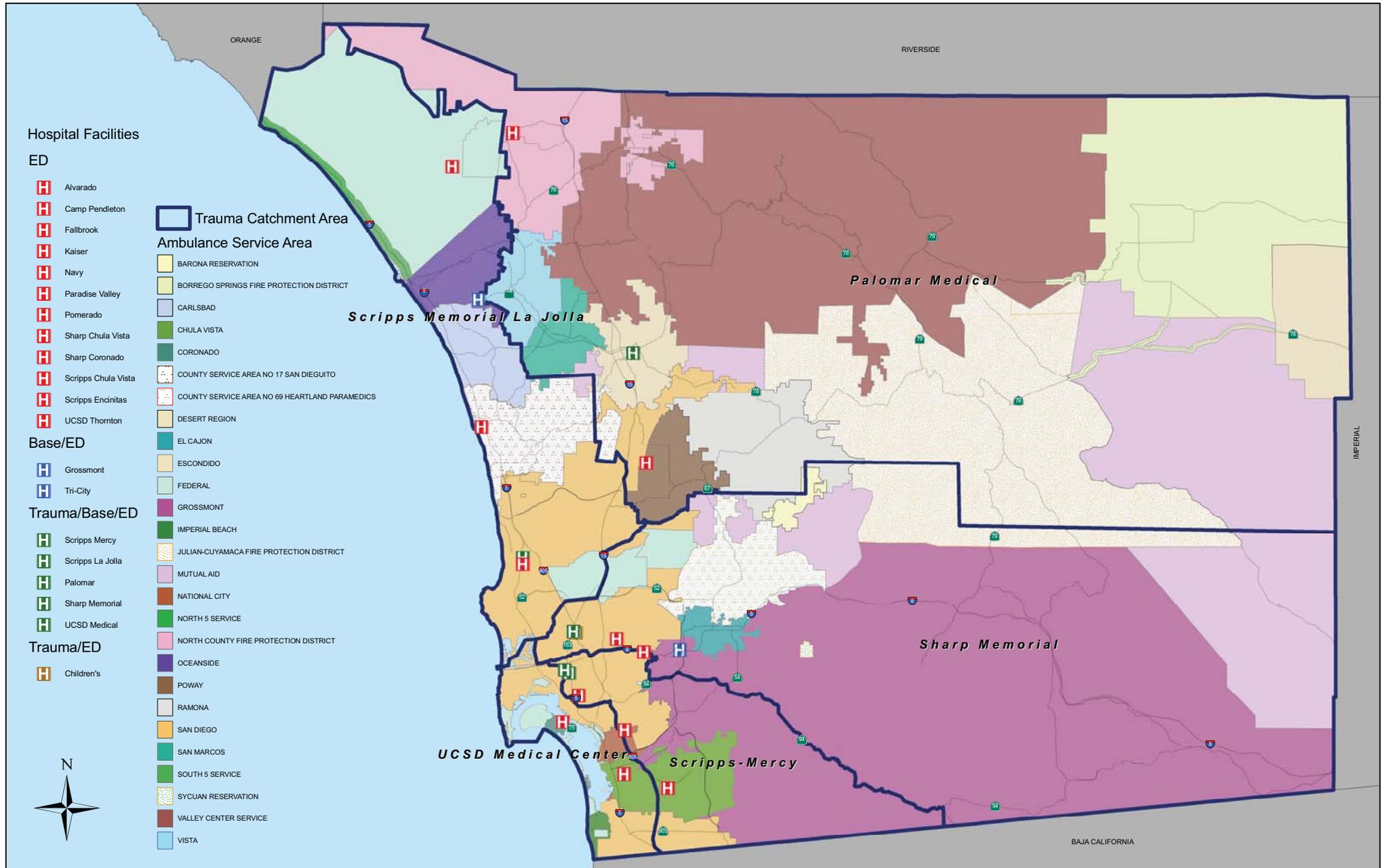


Map Date: 2011  
 Contact: Isabel Corcos or Leslie Ray,  
 County of San Diego Emergency Medical Services  
 619.285.6429

NAD\_1983\_StatePlane\_California\_VI\_FIPS\_0406\_Feet,  
 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



Coronary Heart Disease

Healthy People 2010 Target: 162 heart disease deaths per 100,000 population, age-adjusted\*

USA: 132.4 deaths per 100,000 population, age-adjusted (2008)\* ‡

California: 130.6 deaths per 100,000 population, age-adjusted (2008)\* ‡

Coronary Heart Disease† Deaths Among San Diego County Residents by Location of Residence

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	658	143.1	863	155.3	703	146.4	669	173.6	836	189.2	801	163.2	22	---	4,552	161.8	185.1
2001	693	148.3	780	138.6	651	133.2	648	163.1	881	196.8	831	166.3	28	---	4,512	157.6	178.4
2002	673	139.3	694	120.4	676	138.9	631	153.1	850	188.4	700	137.0	23	---	4,247	145.4	162.9
2003	671	137.3	681	115.1	600	122.9	598	140.4	832	183.8	745	141.9	53	---	4,180	140.7	155.1
2004	630	126.9	696	117.4	605	122.7	589	135.2	725	159.1	723	134.1	51	---	4,019	133.4	144.4
2005	610	122.7	644	108.5	565	114.1	555	122.9	717	157.6	644	117.7	32	---	3,767	123.9	130.6
2006	589	115.0	608	102.9	511	102.4	494	109.3	639	140.6	649	116.5	47	---	3,537	115.4	118.1
2007	564	108.9	536	90.0	507	100.7	558	122.3	680	148.0	593	104.7	51	---	3,489	112.5	112.5
2008	594	112.5	601	99.5	473	92.3	488	105.7	708	152.5	606	105.3	26	---	3,496	111.1	108.6
2009	552	102.8	578	92.6	507	98.7	516	112.0	639	135.7	613	105.8	10	---	3,415	107.2	102.5

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Coronary Heart Disease death refers to (underlying cause of death) ICD-10 codes I11, I20-I25.

‡ Source: National Vital Statistics System, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Coronary Heart Disease† Hospitalizations Among San Diego County Residents by Location of Residence

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	2,157	469.0	2,467	443.9	2,265	471.7	2,251	584.2	2,854	646.0	2,470	503.1	48	---	14,512	515.7	583.5
2001	2,082	445.5	2,297	408.2	2,157	441.3	2,180	548.6	2,622	585.6	2,573	514.9	273	---	14,184	495.3	558.3
2002	2,078	430.3	2,353	408.4	2,074	426.2	2,375	576.2	2,518	558.2	2,471	483.6	307	---	14,176	485.5	544.8
2003	1,974	403.9	2,188	369.9	2,038	417.6	2,156	506.3	2,384	526.5	2,210	421.0	304	---	13,254	446.0	495.9
2004	1,723	347.0	1,988	335.2	1,882	381.8	2,266	520.0	2,245	492.6	2,086	387.0	281	---	12,471	413.9	456.0
2005	1,659	333.6	1,974	332.7	1,782	360.0	2,108	466.9	2,132	468.6	2,131	389.5	269	---	12,055	396.6	430.9
2006	1,492	291.4	1,747	295.6	1,593	319.4	2,162	478.6	2,099	461.8	1,982	355.8	<5	---	11,075	361.3	385.7
2007	1,403	270.8	1,658	278.2	1,489	295.6	2,129	466.5	1,943	422.8	1,892	333.9	<5	---	10,514	339.1	356.4
2008	1,365	258.5	1,509	249.8	1,525	297.6	1,967	426.1	1,914	412.3	1,693	294.1	<5	---	9,973	317.0	327.9
2009	1,488	277.1	1,480	237.2	1,470	286.2	1,938	420.6	1,988	422.2	1,765	304.8	<5	---	10,129	318.0	322.1

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Coronary Heart Disease hospitalization refers to (principal diagnosis) ICD-9 codes 402, 410-414, 429.2.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Coronary Heart Disease† Emergency Department Discharges in San Diego County by Location of Residence

Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2006	158	30.9	130	22.0	144	28.9	185	40.9	123	27.1	109	19.6	48	---	897	29.3	30.7
2007	140	27.0	115	19.3	119	23.6	133	29.1	151	32.9	87	15.4	45	---	790	25.5	26.5
2008	119	22.5	137	22.7	104	20.3	139	30.1	172	37.0	119	20.7	37	---	827	26.3	27.0
2009	150	27.9	104	16.7	113	22.0	111	24.1	159	33.8	100	17.3	47	---	784	24.6	24.6

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Coronary Heart Disease emergency department discharge refers to (principal diagnosis) ICD-9 codes 402, 410-414, 429.2

\*\* New database; 2006 is first calendar year regional data is available

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.

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

911 Paramedic/EMT Responses (MICN Calls)† for Cardiac-related Chief Complaints†† in San Diego County by Location of Occurrence

Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2004															12,245	406.4	435.1
2005															12,335	405.9	427.1
2006															12,499	407.8	420.9
2007															13,331	430.0	440.4
2008															14,072	447.3	453.0
2009															14,105	442.8	441.7

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

† MICN calls refer to 911 Paramedic/EMT responses in which base hospital was contacted. Not all 911 Paramedic/EMT responses are included here.

†† Cardiac chief complaints include: chest pain - cardiac, congestive heart failure, palpitations, and STEMI

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

\*\* Currently, 2004 is first year data is available.

Source: County of San Diego, Health & Human Services Agency, Emergency Medical Services, Prehospital MICN Database; SANDAG, Current Population Estimates, 10/2010.

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

Death Certificate

Hospital

Emergency Department

Prehospital

Coronary Heart Disease Details

Death Certificate

Coronary Heart Disease<sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	552	102.8	578	92.6	507	98.7	516	112.0	639	135.7	613	105.8	10	---	3,415	107.2	102.5
Gender																	
Male	294	106.3	301	97.0	292	112.3	276	120.7	387	168.4	335	118.0	6	---	1,891	119.0	135.4
Female	258	99.0	277	88.2	215	84.8	240	103.4	252	104.5	278	94.1	<5	---	1,524	95.5	76.6
Race/Ethnicity																	
White	474	150.0	489	126.5	262	191.3	269	237.8	544	181.7	530	158.9	7	---	2,575	162.4	106.1
Black	9	40.3	8	39.6	85	128.1	14	68.9	14	55.1	10	85.0	<5	---	140	84.2	130.1
Hispanic	40	26.8	35	43.2	85	39.1	175	69.9	59	57.6	39	24.1	<5	---	435	45.2	101.7
API‡	23	77.0	40	37.4	69	96.6	50	81.0	12	61.5	25	50.2	<5	---	220	64.8	74.5
Other‡	<5	§	<5	§	<5	§	8	52.4	10	41.6	7	31.7	<5	---	37	28.1	49.7
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
25-64	65	23.9	67	19.0	113	40.6	72	31.2	145	57.9	99	33.2	<5	---	564	33.5	
65+	487	799.5	511	631.9	394	866.6	443	915.4	493	853.7	514	686.8	7	---	2,849	773.7	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Coronary Heart Disease death refers to (underlying cause of death) ICD-10 codes I11, I20-I25

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Hospital

Coronary Heart Disease<sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	1,488	277.1	1,480	237.2	1,470	286.2	1,938	420.6	1,988	422.2	1,765	304.8	<5	---	10,129	318.0	322.1
Gender																	
Male	963	348.2	979	315.6	877	337.4	1,152	503.8	1,291	561.7	1,182	416.4	<5	---	6,444	405.5	450.9
Female	525	201.5	501	159.6	593	233.9	786	338.7	697	289.2	583	197.4	<5	---	3,685	230.8	212.9
Race/Ethnicity																	
White	1,155	365.5	1,130	292.4	607	443.2	688	608.3	1,499	500.6	1,388	416.1	<5	---	6,467	407.9	305.2
Black	37	165.8	29	143.6	273	411.6	83	408.7	92	361.9	25	212.4	<5	---	539	324.0	412.3
Hispanic	131	87.6	108	133.4	367	168.9	852	340.3	258	251.7	147	90.8	<5	---	1,863	193.6	387.3
API‡	70	234.5	115	107.5	167	233.7	239	387.2	47	241.0	96	192.8	<5	---	734	216.3	224.7
Other‡	63	325.7	60	203.4	22	102.0	29	189.9	39	162.1	74	335.4	<5	---	287	217.8	376.5
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	5	1.0	
25-64	484	177.8	508	143.9	736	264.4	794	344.2	933	372.4	646	216.4	<5	---	4,101	243.6	
65+	1,004	1648.3	970	1199.5	732	1610.1	1,142	2359.8	1,054	1825.2	1,118	1493.9	<5	---	6,020	1634.9	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Coronary Heart Disease hospitalization refers to (principal diagnosis) ICD-9 codes 402, 410-414, 429.2

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Emergency Department

Coronary Heart Disease<sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	150	27.9	104	16.7	113	22.0	111	24.1	159	33.8	100	17.3	47	---	784	24.6	24.6
Gender																	
Male	88	31.8	63	20.3	69	26.5	63	27.5	98	42.6	54	19.0	31	---	466	29.3	31.4
Female	62	23.8	41	13.1	44	17.4	48	20.7	61	25.3	46	15.6	16	---	318	19.9	18.4
Race/Ethnicity																	
White	124	39.2	80	20.7	57	41.6	36	31.8	131	43.8	81	24.3	29	---	538	33.9	26.3
Black	<5	§	5	24.8	27	40.7	6	29.5	9	35.4	<5	§	5	---	58	34.9	41.2
Hispanic	12	8.0	7	8.6	19	8.7	43	17.2	12	11.7	<5	§	<5	---	101	10.5	18.6
API‡	5	16.7	8	7.5	8	11.2	21	34.0	<5	§	10	20.1	<5	---	59	17.4	17.4
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	9	1.4	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	8	1.6	
25-64	61	22.4	38	10.8	73	26.2	45	19.5	94	37.5	44	14.7	31	---	386	22.9	
65+	84	137.9	63	77.9	40	88.0	60	124.0	63	109.1	56	74.8	15	---	381	103.5	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Coronary Heart Disease emergency department discharge refers to (principal diagnosis) ICD-9 codes 402, 410-414, 429.2

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.

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

Stroke

**Healthy People 2010 Target:** 50 stroke deaths per 100,000 population, age-adjusted\*  
**USA:** 40.7 deaths per 100,000 population, age-adjusted (2008)\* ‡  
**California:** 39.7 deaths per 100,000 population, age-adjusted (2008)\* ‡

**Stroke† Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	218	47.4	274	49.3	244	50.8	199	51.7	306	69.3	335	68.2	<5	---	1,578	56.1	63.9
2001	219	46.9	293	52.1	264	54.0	217	54.6	298	66.6	319	63.8	6	---	1,616	56.4	63.8
2002	246	50.9	256	44.4	211	43.4	175	42.5	251	55.6	315	61.6	5	---	1,459	50.0	55.7
2003	217	44.4	258	43.6	222	45.5	190	44.6	288	63.6	326	62.1	20	---	1,521	51.2	56.2
2004	251	50.5	252	42.5	197	40.0	178	40.8	242	53.1	282	52.3	21	---	1,423	47.2	50.8
2005	184	37.0	215	36.2	170	34.3	174	38.5	200	44.0	268	49.0	7	---	1,218	40.1	42.0
2006	169	33.0	203	34.4	140	28.1	166	36.7	214	47.1	241	43.3	14	---	1,147	37.4	38.3
2007	189	36.5	189	31.7	151	30.0	157	34.4	199	43.3	222	39.2	15	---	1,122	36.2	36.1
2008	207	39.2	188	31.1	147	28.7	148	32.1	204	43.9	215	37.3	12	---	1,121	35.6	34.8
2009	171	31.8	190	30.4	152	29.6	147	31.9	190	40.3	225	38.8	5	---	1,080	33.9	32.6

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Stroke death refers to (underlying cause of death) ICD-10 codes I60-I69. Stroke is sometimes referred to as Cerebrovascular disease.  
 ‡ Source: National Vital Statistics System, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

**Stroke† Hospitalization Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	1,127	245.1	1,358	244.4	1,175	244.7	1,103	286.3	1,210	273.9	1,492	303.9	19	---	7,484	266.0	299.9
2001	979	209.5	1,244	221.1	1,152	235.7	1,095	275.6	1,274	284.5	1,423	284.8	100	---	7,267	253.8	285.3
2002	1,050	217.4	1,175	203.9	1,058	217.4	984	238.7	1,183	262.3	1,376	269.3	112	---	6,938	237.6	265.4
2003	1,011	206.9	1,143	193.2	957	196.1	1,110	260.7	1,184	261.5	1,269	241.7	102	---	6,776	228.0	252.5
2004	917	184.7	1,037	174.9	931	188.9	1,007	231.1	1,128	247.5	1,239	229.9	80	---	6,339	210.4	229.8
2005	893	179.6	1,053	177.5	977	197.4	1,090	241.4	1,099	241.6	1,199	219.1	82	---	6,393	210.3	225.9
2006	970	189.4	1,092	184.8	827	165.8	1,134	251.0	1,173	258.1	1,239	222.4	<5	---	6,435	209.9	221.5
2007	880	169.9	1,055	177.1	935	185.6	1,067	233.8	1,171	254.8	1,324	233.7	<5	---	6,432	207.5	215.0
2008	920	174.2	1,103	182.6	996	194.4	1,071	232.0	1,133	244.0	1,265	219.7	<5	---	6,488	206.2	211.3
2009	990	184.3	1,097	175.8	979	190.6	1,079	234.2	1,289	273.7	1,300	224.5	<5	---	6,734	211.4	212.2

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Stroke hospitalization refers to (principal diagnosis) ICD-9 codes 430-438. Stroke is sometimes referred to as Cerebrovascular disease.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

**Stroke† Emergency Department Discharges in San Diego County by Location of Residence**

Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2006	329	64.3	187	31.6	144	28.9	179	39.6	189	41.6	205	36.8	55	---	1,288	42.0	44.4
2007	308	59.5	209	35.1	155	30.8	157	34.4	229	49.8	225	39.7	67	---	1,350	43.5	45.1
2008	243	46.0	231	38.2	159	31.0	189	40.9	213	45.9	227	39.4	59	---	1,321	42.0	42.9
2009	268	49.9	192	30.8	139	27.1	190	41.2	236	50.1	224	38.7	57	---	1,306	41.0	40.9

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Stroke refers to (principal diagnosis) ICD-9 codes 430-438. Stroke is sometimes referred to as Cerebrovascular disease.  
 \*\* New database; 2006 is first calendar year regional data is available  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.  
 Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

**911 Paramedic/EMT Responses (MICN Calls)† for Stroke-related Chief Complaints†† in San Diego County by Location of Occurrence**

Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2004															1,871	62.1	67.5
2005															1,835	60.4	64.6
2006															1,912	62.4	65.0
2007															2,151	69.4	70.9
2008															2,294	72.9	73.3
2009															2,428	76.2	75.7

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 † MICN calls refer to 911 Paramedic/EMT responses in which base hospital was contacted. Not all 911 Paramedic/EMT responses are included here.  
 †† Stroke chief complaints include: cerebrovascular accident (CVA), CVA onset within 2 hours, or CVA onset within 3 hours.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.  
 \*\* Currently, 2004 is first year data is available.  
 Source: County of San Diego, Health & Human Services Agency, Emergency Medical Services, Prehospital MICN Database; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Death Certificate

Hospital

Emergency Department

Prehospital

Stroke Details

Death Certificate

Stroke <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	171	31.8	190	30.4	152	29.6	147	31.9	190	40.3	225	38.8	5	---	1,080	33.9	32.6
Gender																	
Male	70	25.3	80	25.8	62	23.8	70	30.6	74	32.2	88	31.0	5	---	449	28.3	32.7
Female	101	38.8	110	35.0	90	35.5	77	33.2	116	48.1	137	46.4	<5	---	631	39.5	32.2
Race/Ethnicity																	
White	135	42.7	158	40.9	62	45.3	60	53.0	152	50.8	171	51.3	<5	---	742	46.8	30.2
Black	5	22.4	<5	§	29	43.7	5	24.6	9	35.4	<5	§	<5	---	56	33.7	54.9
Hispanic	19	12.7	10	12.4	32	14.7	58	23.2	20	19.5	21	13.0	<5	---	161	16.7	35.6
API <sup>‡</sup>	12	40.2	17	15.9	27	37.8	23	37.3	6	30.8	24	48.2	<5	---	109	32.1	37.0
Other <sup>‡</sup>	<5	§	<5	§	<5	§	<5	§	<5	§	5	22.7	<5	---	12	9.1	15.9
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
25-64	21	7.7	24	6.8	33	11.9	27	11.7	29	11.6	22	7.4	<5	---	157	9.3	
65+	150	246.3	166	205.3	118	259.5	119	245.9	161	278.8	201	268.6	<5	---	919	249.6	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Stroke death refers to (underlying cause of death) ICD-10 codes I60-I69. Stroke is sometimes referred to as Cerebrovascular disease.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Hospital

Stroke <sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	990	184.3	1,097	175.8	979	190.6	1,079	234.2	1,289	273.7	1,300	224.5	<5	---	6,734	211.4	212.2
Gender																	
Male	466	168.5	528	170.2	495	190.4	540	236.1	581	252.8	644	226.9	<5	---	3,254	204.8	233.0
Female	524	201.1	569	181.3	484	190.9	539	232.3	708	293.7	656	222.2	<5	---	3,480	218.0	193.6
Race/Ethnicity																	
White	770	243.7	856	221.5	377	275.3	378	334.2	970	324.0	992	297.4	<5	---	4,343	273.9	197.8
Black	26	116.5	26	128.7	217	327.2	40	197.0	60	236.1	17	144.4	<5	---	386	232.1	321.5
Hispanic	104	69.6	66	81.5	242	111.4	482	192.5	182	177.6	169	104.4	<5	---	1,245	129.4	257.8
API <sup>‡</sup>	38	127.3	104	97.2	110	153.9	131	212.2	39	200.0	75	150.6	<5	---	497	146.5	155.4
Other <sup>‡</sup>	33	170.6	28	94.9	16	74.2	23	150.6	19	79.0	39	176.8	<5	---	158	119.9	208.5
Age Group																	
0-14	5	4.5	<5	§	<5	§	<5	§	5	5.4	<5	§	<5	---	19	3.0	
15-24	<5	§	<5	§	9	11.0	8	10.5	8	11.4	<5	§	<5	---	32	6.4	
25-64	264	97.0	264	74.8	401	144.0	340	147.4	426	170.0	348	116.5	<5	---	2,043	121.4	
65+	719	1180.4	828	1023.9	566	1244.9	729	1506.4	850	1472.0	948	1266.8	<5	---	4,640	1260.1	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Stroke hospitalization refers to (principal diagnosis) ICD-9 codes 430-438. Stroke is sometimes referred to as Cerebrovascular disease.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Emergency Department

Stroke <sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	268	49.9	192	30.8	139	27.1	190	41.2	236	50.1	224	38.7	57	---	1,306	41.0	40.9
Gender																	
Male	132	47.7	83	26.8	72	27.7	92	40.2	126	54.8	93	32.8	31	---	629	39.6	44.1
Female	136	52.2	109	34.7	67	26.4	98	42.2	110	45.6	131	44.4	26	---	677	42.4	38.3
Race/Ethnicity																	
White	207	65.5	157	40.6	55	40.2	59	52.2	187	62.5	182	54.6	41	---	888	56.0	42.0
Black	14	62.7	10	49.5	38	57.3	10	49.2	6	23.6	<5	§	<5	---	81	48.7	67.6
Hispanic	31	20.7	11	13.6	31	14.3	99	39.5	31	30.2	23	14.2	7	---	233	24.2	42.2
API <sup>‡</sup>	8	26.8	11	10.3	9	12.6	13	21.1	6	30.8	13	26.1	6	---	66	19.5	19.2
Other <sup>‡</sup>	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	13	11.8	<5	§	<5	§	18	17.0	<5	§	<5	§	<5	---	39	6.1	
15-24	<5	§	<5	§	<5	§	5	6.6	5	7.1	<5	§	<5	---	25	5.0	
25-64	79	29.0	55	15.6	62	22.3	72	31.2	91	36.3	62	20.8	28	---	449	26.7	
65+	172	282.4	134	165.7	72	158.4	95	196.3	139	240.7	156	208.5	25	---	793	215.4	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Stroke refers to (principal diagnosis) ICD-9 codes 430-438. Stroke is sometimes referred to as Cerebrovascular disease.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Diabetes

**Healthy People 2010 Target:** n/a for diabetes deaths (underlying cause)  
**USA:** 21.8 deaths per 100,000 population, age-adjusted (2008)\* †  
**California:** 27.6 deaths per 100,000 population, age-adjusted (2008)\* †

Death Certificate

**Diabetes† Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	60	13.0	73	13.1	110	<b>22.9</b>	60	15.6	95	21.5	81	16.5	<5	---	481	17.1	19.2
2001	48	<b>10.3</b>	69	<b>12.3</b>	113	<b>23.1</b>	68	17.1	99	22.1	93	18.6	<5	---	491	17.1	19.3
2002	80	16.6	58	<b>10.1</b>	94	19.3	71	17.2	94	20.8	76	14.9	<5	---	475	16.3	18.3
2003	72	14.7	62	<b>10.5</b>	96	19.7	87	20.4	88	19.4	89	17.0	5	---	499	16.8	18.6
2004	63	<b>12.7</b>	80	13.5	101	20.5	94	21.6	104	22.8	87	16.1	<5	---	531	17.6	19.4
2005	89	17.9	80	<b>13.5</b>	99	20.0	105	23.3	117	25.7	110	20.1	<5	---	604	19.9	21.4
2006	75	<b>14.6</b>	81	<b>13.7</b>	105	21.1	92	20.4	135	<b>29.7</b>	117	21.0	7	---	612	20.0	21.2
2007	66	12.7	78	13.1	84	16.7	99	21.7	114	<b>24.8</b>	74	13.1	5	---	520	16.8	17.5
2008	72	13.6	83	13.7	107	20.9	104	22.5	108	23.3	96	16.7	<5	---	571	18.1	18.4
2009	67	<b>12.5</b>	79	<b>12.7</b>	98	19.1	87	18.9	109	23.1	114	19.7	<5	---	555	17.4	17.5

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Diabetes death refers to (underlying cause of death) ICD-10 codes E10-E14. Data here represent only underlying cause of death and do not include those where Diabetes was a contributing cause of death.  
 ‡ Source: CDC, NCHS, Compressed Mortality Files. On-line Database accessed 12/27/2011: <http://wonder.cdc.gov/cmfi-icd10.html>  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Hospital

**Diabetes† Hospitalizations Among San Diego County Resident by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	319	<b>69.4</b>	379	<b>68.2</b>	787	<b>163.9</b>	553	<b>143.5</b>	504	114.1	401	<b>81.7</b>	6	---	2,949	104.8	113.0
2001	356	<b>76.2</b>	348	<b>61.8</b>	689	<b>141.0</b>	539	<b>135.6</b>	480	107.2	416	<b>83.3</b>	55	---	2,883	100.7	108.0
2002	317	<b>65.6</b>	359	<b>62.3</b>	739	<b>151.9</b>	596	<b>144.6</b>	591	<b>131.0</b>	400	<b>78.3</b>	39	---	3,041	104.1	111.7
2003	350	<b>71.6</b>	379	<b>64.1</b>	756	<b>154.9</b>	617	<b>144.9</b>	537	118.6	480	<b>91.4</b>	47	---	3,166	106.5	113.0
2004	358	<b>72.1</b>	361	<b>60.9</b>	717	<b>145.5</b>	701	<b>160.9</b>	579	<b>127.1</b>	486	<b>90.2</b>	43	---	3,245	107.7	113.8
2005	397	<b>79.8</b>	361	<b>60.8</b>	796	<b>160.8</b>	709	<b>157.0</b>	594	<b>130.6</b>	501	<b>91.6</b>	48	---	3,406	112.1	118.1
2006	401	<b>78.3</b>	406	<b>68.7</b>	840	<b>168.4</b>	847	<b>187.5</b>	702	<b>154.4</b>	533	<b>95.7</b>	<5	---	3,729	121.7	126.0
2007	450	<b>86.9</b>	419	<b>70.3</b>	934	<b>185.4</b>	850	<b>186.3</b>	795	<b>173.0</b>	538	<b>94.9</b>	<5	---	3,986	128.6	131.2
2008	416	<b>78.8</b>	413	<b>68.4</b>	922	<b>179.9</b>	831	<b>180.0</b>	870	<b>187.4</b>	520	<b>90.3</b>	<5	---	3,972	126.2	128.3
2009	438	<b>81.6</b>	411	<b>65.9</b>	937	<b>182.5</b>	875	<b>189.9</b>	822	<b>174.6</b>	546	<b>94.3</b>	<5	---	4,029	126.5	127.0

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Diabetes hospitalization refers to (principal diagnosis) ICD-9 code 250  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Emergency Department

**Diabetes† Emergency Department Discharges in San Diego County by Location of Residence**

Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2006	469	<b>91.6</b>	444	<b>75.1</b>	1,039	<b>208.3</b>	797	<b>176.4</b>	684	150.5	471	<b>84.6</b>	275	---	4,179	136.3	141.1
2007	554	<b>106.9</b>	495	<b>83.1</b>	926	<b>183.9</b>	751	<b>164.6</b>	740	<b>161.0</b>	542	<b>95.7</b>	261	---	4,269	137.7	141.7
2008	530	<b>100.4</b>	465	<b>77.0</b>	1,065	<b>207.8</b>	787	<b>170.5</b>	680	146.5	537	<b>93.3</b>	238	---	4,302	136.7	139.6
2009	545	<b>101.5</b>	479	<b>76.8</b>	949	<b>184.8</b>	716	<b>155.4</b>	709	<b>150.6</b>	590	<b>101.9</b>	240	---	4,228	132.7	133.0

\* Rates per 100,000 population. Age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Diabetes emergency department visit refers to (principal diagnosis) ICD-9 code 250  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.  
 Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Diabetes Details

Death Certificate

Diabetes <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	67	12.5	79	12.7	98	19.1	87	18.9	109	23.1	114	19.7	<5	---	555	17.4	17.5
Gender																	
Male	34	12.3	47	15.2	52	20.0	56	24.5	65	28.3	70	24.7	<5	---	325	20.5	23.2
Female	33	12.7	32	10.2	46	18.1	31	13.4	44	18.3	44	14.9	<5	---	230	14.4	12.7
Race/Ethnicity																	
White	41	13.0	60	15.5	40	29.2	35	30.9	73	24.4	87	26.1	<5	---	337	21.3	15.1
Black	<5	§	<5	§	19	28.6	<5	§	6	23.6	<5	§	<5	---	34	20.4	34.5
Hispanic	15	10.0	8	9.9	26	12.0	40	16.0	17	16.6	17	10.5	<5	---	123	12.8	27.2
API‡	8	26.8	8	7.5	12	16.8	8	13.0	11	56.4	<5	§	<5	---	51	15.0	17.0
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	10	7.6	14.0
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
25-64	15	5.5	18	5.1	24	8.6	28	12.1	33	13.2	25	8.4	<5	---	143	8.5	
65+	52	85.4	61	75.4	73	160.6	58	119.8	76	131.6	88	117.6	<5	---	409	111.1	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Diabetes death refers to (underlying cause of death) ICD-10 codes E10-E14. Data here represent only underlying cause of death and do not include those where Diabetes was a contributing cause of death.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Hospital

Diabetes <sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	438	81.6	411	65.9	937	182.5	875	189.9	822	174.6	546	94.3	<5	---	4,029	126.5	127.0
Gender																	
Male	241	87.1	239	77.1	468	180.0	510	223.0	469	204.0	274	96.5	<5	---	2,201	138.5	145.6
Female	197	75.6	172	54.8	469	185.0	365	157.3	353	146.4	272	92.1	<5	---	1,828	114.5	111.1
Race/Ethnicity																	
White	219	69.3	295	76.3	247	180.3	216	191.0	476	159.0	285	85.4	<5	---	1,738	109.6	96.1
Black	30	134.4	23	113.9	259	390.5	31	152.7	100	393.4	18	152.9	<5	---	461	277.1	313.5
Hispanic	152	101.7	51	63.0	347	159.7	544	217.3	185	180.5	170	105.0	<5	---	1,449	150.6	226.4
API‡	20	67.0	28	26.2	69	96.6	71	115.0	29	148.7	40	80.3	<5	---	257	75.7	77.7
Other‡	16	82.7	12	40.7	9	41.7	7	45.8	21	87.3	28	126.9	<5	---	93	70.6	100.2
Age Group																	
0-14	25	22.6	16	15.9	31	28.7	29	27.4	22	23.8	40	34.1	<5	---	163	25.7	
15-24	37	39.6	33	36.9	75	91.8	78	102.6	30	42.7	57	64.5	<5	---	310	62.1	
25-64	248	91.1	218	61.7	580	208.3	473	205.0	574	229.1	276	92.4	<5	---	2,369	140.7	
65+	128	210.1	144	178.1	251	552.1	295	609.6	196	339.4	173	231.2	<5	---	1,187	322.4	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Diabetes hospitalization refers to (principal diagnosis) ICD-9 code 250  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Emergency Department

Diabetes <sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	545	101.5	479	76.8	949	184.8	716	155.4	709	150.6	590	101.9	240	---	4,228	132.7	133.0
Gender																	
Male	302	109.2	268	86.4	500	192.3	348	152.2	342	148.8	335	118.0	155	---	2,250	141.6	147.3
Female	243	93.3	211	67.2	449	177.1	368	158.6	367	152.3	255	86.4	85	---	1,978	123.9	120.2
Race/Ethnicity																	
White	296	93.7	309	80.0	258	188.4	169	149.4	440	146.9	343	102.8	125	---	1,940	122.4	106.9
Black	42	188.2	50	247.5	266	401.0	42	206.8	85	334.4	32	271.9	25	---	542	325.8	362.4
Hispanic	154	103.0	54	66.7	329	151.5	426	170.2	156	152.2	153	94.5	72	---	1,344	139.6	201.1
API‡	22	73.7	43	40.2	69	96.6	55	89.1	14	71.8	31	62.2	5	---	239	70.4	71.1
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
Age Group																	
0-14	27	24.4	19	18.9	26	24.1	38	36.0	21	22.7	25	21.3	10	---	166	26.2	
15-24	26	27.8	34	38.0	77	94.3	73	96.1	42	59.8	33	37.4	23	---	308	61.7	
25-64	307	112.8	272	77.0	662	237.8	402	174.3	453	180.8	325	108.8	152	---	2,573	152.8	
65+	185	303.7	154	190.4	184	404.7	203	419.5	193	334.2	207	276.6	55	---	1,181	320.7	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Diabetes emergency department visit refers to (principal diagnosis) ICD-9 code 250  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.  
 Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Asthma

Healthy People 2010 Target: see age detail tables for age-group specific targets

USA: 1.0 deaths per 100,000 population, age-adjusted (2008)\* †

California: 1.2 deaths per 100,000 population, age-adjusted (2008)\* †

Death Certificate

Asthma <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence																	
Year	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	5	1.1	<5	§	10	2.1	<5	§	<5	§	10	2.0	<5	---	36	1.3	1.4
2001	5	1.1	10	1.8	8	1.6	11	2.8	<5	§	5	1.0	<5	---	44	1.5	1.7
2002	6	1.2	<5	§	5	1.0	6	1.5	5	1.1	7	1.4	<5	---	32	1.1	1.2
2003	5	1.0	<5	§	9	1.8	<5	§	<5	§	8	1.5	<5	---	31	1.0	1.1
2004	5	1.0	<5	§	7	1.4	<5	§	<5	§	<5	§	<5	---	24	0.8	0.8
2005	7	1.4	7	1.2	13	2.6	5	1.1	5	1.1	<5	§	<5	---	41	1.3	1.4
2006	6	1.2	<5	§	12	2.4	<5	§	5	1.1	5	0.9	<5	---	35	1.1	1.1
2007	7	1.4	<5	§	5	1.0	<5	§	8	1.7	<5	§	<5	---	30	1.0	1.0
2008	7	1.3	<5	§	6	1.2	<5	§	8	1.7	8	1.4	<5	---	38	1.2	1.1
2009	<5	§	5	0.8	6	1.2	<5	§	<5	§	<5	§	<5	---	22	0.7	0.7

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Asthma death refers to (underlying cause of death) ICD-10 codes J45-J46

‡ Source: CDC, NCHS, Compressed Mortality Files. On-line Database accessed 12/27/2011: <http://wonder.cdc.gov>

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Hospital

Asthma <sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence																	
Year	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	234	<b>50.9</b>	340	<b>61.2</b>	641	<b>133.5</b>	420	<b>109.0</b>	454	<b>102.8</b>	369	<b>75.2</b>	5	---	2,463	87.5	89.0
2001	273	<b>58.4</b>	290	<b>51.5</b>	730	<b>149.4</b>	323	81.3	406	90.7	362	<b>72.4</b>	34	---	2,418	84.4	86.7
2002	255	<b>52.8</b>	323	<b>56.1</b>	685	<b>140.8</b>	365	88.6	416	92.2	343	<b>67.1</b>	29	---	2,416	82.7	85.1
2003	253	<b>51.8</b>	369	<b>62.4</b>	693	<b>142.0</b>	426	100.0	483	<b>106.7</b>	349	<b>66.5</b>	46	---	2,619	88.1	91.0
2004	243	<b>48.9</b>	307	<b>51.8</b>	609	<b>123.6</b>	326	74.8	429	<b>94.1</b>	302	<b>56.0</b>	47	---	2,263	75.1	77.3
2005	173	<b>34.8</b>	267	<b>45.0</b>	548	<b>110.7</b>	306	67.8	412	<b>90.6</b>	343	62.7	38	---	2,087	68.7	70.4
2006	187	<b>36.5</b>	246	<b>41.6</b>	508	<b>101.8</b>	295	65.3	368	<b>81.0</b>	294	<b>52.8</b>	<5	---	1,898	61.9	62.7
2007	228	<b>44.0</b>	251	<b>42.1</b>	528	<b>104.8</b>	336	73.6	407	<b>88.6</b>	341	60.2	<5	---	2,091	67.4	68.3
2008	204	<b>38.6</b>	341	<b>56.4</b>	552	<b>107.7</b>	357	77.3	486	<b>104.7</b>	327	<b>56.8</b>	<5	---	2,267	72.1	72.4
2009	249	<b>46.4</b>	339	<b>54.3</b>	602	<b>117.2</b>	393	85.3	545	<b>115.7</b>	305	<b>52.7</b>	<5	---	2,433	76.4	77.2

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Asthma hospitalization refers to (principal diagnosis) ICD-9 code 493

‡ Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

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

Emergency Department

Asthma <sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence																	
Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2006	871	<b>170.1</b>	1,114	<b>188.5</b>	2,450	<b>491.2</b>	1,825	<b>404.0</b>	1,383	304.3	994	<b>178.4</b>	580	---	9,217	300.7	299.2
2007	996	<b>192.3</b>	1,233	<b>206.9</b>	2,331	<b>462.8</b>	1,818	<b>398.4</b>	1,496	325.5	1,135	<b>200.3</b>	564	---	9,573	308.8	307.6
2008	924	<b>175.0</b>	1,167	<b>193.2</b>	2,409	<b>470.1</b>	1,697	<b>367.6</b>	1,390	299.4	1,112	<b>193.1</b>	552	---	9,251	294.0	294.0
2009	1,007	<b>187.5</b>	1,209	<b>193.7</b>	2,454	<b>477.9</b>	1,831	<b>397.4</b>	1,573	<b>334.0</b>	1,109	<b>191.5</b>	596	---	9,779	307.0	310.1

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Asthma emergency department visit refers to (principal diagnosis) ICD-9 code 493

\*\* New database; 2006 is first calendar year regional data is available

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.

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

Prehospital

911 Paramedic/EMT Responses (MICN Calls) <sup>†</sup> for Respiratory-related Chief Complaints <sup>††</sup> in San Diego County by Location of Occurrence																	
Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2004															12,288	407.8	432.6
2005															13,215	434.8	453.8
2006															12,850	419.2	431.5
2007															13,781	444.5	452.8
2008															14,556	462.6	467.1
2009															14,439	453.3	450.7

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

† MICN calls refer to 911 Paramedic/EMT responses in which base hospital was contacted. Not all 911 Paramedic/EMT responses are included here.

†† Respiratory chief complaints include: asthma, COPD, and respiratory distress

\*\* Currently, 2004 is first year data is available.

Source: County of San Diego, Health & Human Services Agency, Emergency Medical Services, Prehospital MICN Database; SANDAG, Current Population Estimates, 4/24/2009.

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

Asthma Details

Healthy People 2010 Target: Age 65+, 4.7 asthma deaths per 100,000 population, age 65+\*

Death Certificate

Asthma<sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	<5	§	5	0.8	6	1.2	<5	§	<5	§	<5	§	<5	---	22	0.7	0.7
Gender																	
Male	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	7	0.4	0.5
Female	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	15	0.9	0.9
Race/Ethnicity																	
White	<5	§	5	1.3	<5	§	<5	§	<5	§	<5	§	<5	---	13	0.8	0.6
Black	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Hispanic	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
API‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
25-64	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	11	0.7	
65+	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	11	3.0	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Asthma death refers to (underlying cause of death) ICD-10 codes J45-J46

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Hospital

Asthma<sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	249	46.4	339	54.3	602	117.2	393	85.3	545	115.7	305	52.7	<5	---	2,433	76.4	77.2
Gender																	
Male	87	31.5	151	48.7	277	106.6	164	71.7	189	82.2	138	48.6	<5	---	1,006	63.3	65.2
Female	162	62.2	188	59.9	325	128.2	229	98.7	356	147.7	167	56.6	<5	---	1,427	89.4	87.5
Race/Ethnicity																	
White	129	40.8	193	49.9	136	99.3	100	88.4	341	113.9	176	52.8	<5	---	1,075	67.8	64.1
Black	16	71.7	26	128.7	195	294.0	25	123.1	70	275.4	12	102.0	<5	---	344	206.8	221.3
Hispanic	64	42.8	53	65.5	205	94.4	199	79.5	86	83.9	74	45.7	<5	---	681	70.8	76.7
API‡	20	67.0	38	35.5	46	64.4	46	74.5	20	102.6	17	34.1	<5	---	187	55.1	58.3
Other‡	12	62.0	22	74.6	16	74.2	20	131.0	13	54.0	17	77.0	<5	---	100	75.9	72.6
Age Group																	
0-14	84	76.0	107	106.2	235	217.6	158	149.5	130	140.8	116	98.8	<5	---	830	130.8	
15-24	11	11.8	9	10.1	17	20.8	9	11.8	27	38.4	11	12.5	<5	---	84	16.8	
25-64	97	35.6	126	35.7	266	95.5	126	54.6	275	109.8	107	35.8	<5	---	997	59.2	
65+	57	93.6	97	119.9	84	184.8	100	206.6	113	195.7	71	94.9	<5	---	522	141.8	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Asthma hospitalization refers to (principal diagnosis) ICD-9 code 493

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Emergency Department

Asthma<sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	1,007	187.5	1,209	193.7	2,454	477.9	1,831	397.4	1,573	334.0	1,109	191.5	596	---	9,779	307.0	310.1
Gender																	
Male	449	162.4	612	197.3	1,211	465.8	915	400.1	743	323.2	518	182.5	311	---	4,759	299.5	302.3
Female	558	214.2	597	190.2	1,243	490.2	916	394.7	830	344.3	591	200.1	285	---	5,020	314.5	318.2
Race/Ethnicity																	
White	472	149.4	566	146.5	486	354.8	342	302.4	761	254.2	548	164.3	307	---	3,482	219.6	239.8
Black	98	439.2	132	653.5	670	1010.1	162	797.8	289	1137.0	56	475.8	82	---	1,489	895.2	879.4
Hispanic	327	218.7	251	310.0	1,035	476.5	1,138	454.6	405	395.1	353	218.0	134	---	3,643	378.5	337.5
API‡	59	197.6	134	125.3	139	194.5	103	166.9	43	220.5	80	160.6	30	---	588	173.3	179.1
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	397	359.3	572	567.9	1,086	1005.6	903	854.5	671	726.8	487	414.9	207	---	4,323	681.2	
15-24	137	146.5	114	127.5	332	406.4	258	339.5	207	294.6	137	155.1	104	---	1,289	258.2	
25-64	389	142.9	433	122.6	947	340.2	571	247.5	621	247.8	423	141.7	246	---	3,630	215.6	
65+	84	137.9	90	111.3	89	195.8	99	204.6	74	128.1	62	82.8	39	---	537	145.8	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Asthma emergency department visit refers to (principal diagnosis) ICD-9 code 493

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.

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

Chronic Obstructive Pulmonary Disease (COPD)

Healthy People 2010 Target: n/a for all ages, age-adjusted

USA: 42.6 deaths per 100,000 population, age-adjusted (2008)\* ‡

California: 37.4 deaths per 100,000 population, age-adjusted (2008)\* ‡

Death Certificate

COPD† Deaths Among San Diego County Residents by Location of Residence

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	186	40.4	179	32.2	136	28.3	114	29.6	210	47.5	201	40.9	<5	---	1,028	36.5	41.4
2001	205	43.9	203	36.1	145	29.7	110	27.7	246	54.9	218	43.6	6	---	1,133	39.6	44.6
2002	179	37.1	167	29.0	111	22.8	98	23.8	201	44.6	204	39.9	5	---	965	33.0	37.2
2003	193	39.5	172	29.1	109	22.3	116	27.2	200	44.2	221	42.1	9	---	1,020	34.3	38.1
2004	158	31.8	182	30.7	143	29.0	116	26.6	212	46.5	198	36.7	13	---	1,022	33.9	37.4
2005	203	40.8	162	27.3	113	22.8	125	27.7	237	52.1	214	39.1	12	---	1,066	35.1	37.6
2006	148	28.9	185	31.3	111	22.3	119	26.3	237	52.1	189	33.9	9	---	998	32.6	34.3
2007	180	34.7	142	23.8	112	22.2	114	25.0	233	50.7	187	33.0	5	---	973	31.4	32.5
2008	158	29.9	163	27.0	120	23.4	113	24.5	227	48.9	209	36.3	<5	---	992	31.5	32.1
2009	171	31.8	156	25.0	107	20.8	92	20.0	194	41.2	195	33.7	<5	---	916	28.8	28.5

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† COPD death refers to (underlying cause of death) ICD-10 codes J40-44.

‡ Source: CDC, NCHS, Compressed Mortality Files. On-line Database accessed 12/28/2010; <http://wonder.cdc.gov>

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Hospital

COPD† Hospitalizations Among San Diego County Residents by Location of Residence

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	445	96.8	594	106.9	758	157.8	619	160.7	688	155.7	578	117.7	10	---	3,692	131.2	148.1
2001	479	102.5	502	89.2	737	150.8	664	167.1	709	158.3	571	114.3	<5	---	3,662	127.9	144.2
2002	358	74.1	427	74.1	671	137.9	625	151.6	785	174.0	579	113.3	<5	---	3,445	118.0	132.9
2003	348	71.2	431	72.9	639	130.9	567	133.1	745	164.5	565	107.6	<5	---	3,295	110.9	123.9
2004	339	68.3	419	70.7	536	108.7	490	112.4	663	145.5	507	94.1	<5	---	2,954	98.0	108.7
2005	343	69.0	417	70.3	486	98.2	491	108.8	696	153.0	475	86.8	<5	---	2,908	95.7	104.2
2006	333	65.0	329	55.7	498	99.8	377	83.4	738	162.4	477	85.6	<5	---	2,752	89.8	96.0
2007	360	69.5	366	61.4	541	107.4	489	107.2	727	158.2	514	90.7	<5	---	2,997	96.7	102.3
2008	454	86.0	461	76.3	570	111.2	588	127.4	749	161.3	646	112.2	<5	---	3,468	110.2	115.0
2009	449	83.6	443	71.0	604	117.6	529	114.8	794	168.6	522	90.1	<5	---	3,341	104.9	106.9

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† COPD hospitalization refers to (principal diagnosis) ICD-9 codes 490-492, 496.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Emergency Department

COPD† Emergency Department Discharges in San Diego County by Location of Residence

Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2006	483	94.3	667	112.9	1,349	270.5	1,127	249.5	862	189.6	655	117.6	339	---	5,482	178.9	183.2
2007	672	129.7	673	112.9	1,211	240.4	1,150	252.0	902	196.3	799	141.0	370	---	5,777	186.3	189.4
2008	1,220	231.0	693	114.7	1,500	292.7	1,259	272.7	1,105	238.0	931	161.7	427	---	7,135	226.8	228.4
2009	1,250	232.7	698	111.8	1,539	299.7	1,650	358.1	1,370	290.9	1,045	180.4	457	---	8,009	251.4	250.6

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† COPD emergency department visit refers to (principal diagnosis) ICD-9 code 490-492, 496.

\*\* New database; 2006 is first calendar year regional data is available

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.

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

Prehospital

911 Paramedic/EMT Responses (MICN Calls)† for Respiratory-related Chief Complaints†† in San Diego County by Location of Occurrence

Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2004															12,288	407.8	432.6
2005															13,215	434.8	453.8
2006															12,850	419.2	431.5
2007															13,781	444.5	452.8
2008															14,556	462.6	467.1
2009															14,439	453.3	450.7

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

† MICN calls refer to 911 Paramedic/EMT responses in which base hospital was contacted. Not all 911 Paramedic/EMT responses are included here.

†† Respiratory chief complaints include: asthma, COPD, and respiratory distress

\*\* Currently, 2004 is first year data is available.

Source: County of San Diego, Health & Human Services Agency, Emergency Medical Services, Prehospital MICN Database; SANDAG, Current Population Estimates, 10/2010.

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

COPD Details

Death Certificate

COPD <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	171	31.8	156	25.0	107	20.8	92	20.0	194	41.2	195	33.7	<5	---	916	28.8	28.5
Gender																	
Male	78	28.2	66	21.3	52	20.0	51	22.3	83	36.1	88	31.0	<5	---	418	26.3	31.0
Female	93	35.7	90	28.7	55	21.7	41	17.7	111	46.0	107	36.2	<5	---	498	31.2	26.4
Race/Ethnicity																	
White	154	48.7	136	35.2	83	60.6	64	56.6	178	59.4	181	54.3	<5	---	797	50.3	34.5
Black	<5	§	8	39.6	13	19.6	<5	§	<5	§	<5	§	<5	---	26	15.6	24.2
Hispanic	7	4.7	<5	§	7	3.2	22	8.8	5	4.9	8	4.9	<5	---	53	5.5	13.1
API‡	<5	§	8	7.5	<5	§	<5	§	5	25.6	<5	§	<5	---	27	8.0	9.5
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	10	7.6	13.6
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
25-64	13	4.8	15	4.2	17	6.1	12	5.2	31	12.4	17	5.7	<5	---	105	6.2	
65+	158	259.4	141	174.4	90	198.0	80	165.3	163	282.3	178	237.9	<5	---	811	220.2	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † COPD death refers to (underlying cause of death) ICD-10 codes J40-44, 47.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Hospital

COPD <sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	449	83.6	443	71.0	604	117.6	529	114.8	794	168.6	522	90.1	<5	---	3,341	104.9	106.9
Gender																	
Male	180	65.1	184	59.3	309	118.9	276	120.7	316	137.5	237	83.5	<5	---	1,502	94.5	108.2
Female	269	103.3	259	82.5	295	116.3	253	109.0	478	198.3	285	96.5	<5	---	1,839	115.2	106.6
Race/Ethnicity																	
White	381	120.6	372	96.3	341	249.0	285	252.0	647	216.1	452	135.5	<5	---	2,478	156.3	117.2
Black	5	22.4	13	64.4	138	208.1	24	118.2	54	212.4	<5	§	<5	---	235	141.3	194.1
Hispanic	29	19.4	20	24.7	63	29.0	148	59.1	62	60.5	32	19.8	<5	---	354	36.8	80.5
API‡	13	43.5	28	26.2	47	65.8	59	95.6	11	56.4	17	34.1	<5	---	175	51.6	57.0
Other‡	16	82.7	8	27.1	13	60.3	11	72.0	12	49.9	16	72.5	<5	---	76	57.7	95.0
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	8	1.3	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	6	6.8	<5	---	10	2.0	
25-64	115	42.3	90	25.5	261	93.7	159	68.9	317	126.5	122	40.9	<5	---	1,064	63.2	
65+	328	538.5	351	434.0	341	750.0	369	762.5	476	824.3	394	526.5	<5	---	2,259	613.5	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † COPD hospitalization refers to (principal diagnosis) ICD-9 codes 490-492, 496.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Emergency Department

COPD <sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	1,250	232.7	698	111.8	1,539	299.7	1,650	358.1	1,370	290.9	1,045	180.4	457	---	8,009	251.4	250.8
Gender																	
Male	559	202.1	301	97.0	710	273.1	714	312.2	567	246.7	442	155.7	227	---	3,520	221.5	227.0
Female	691	265.3	397	126.5	829	326.9	936	403.3	803	333.1	602	203.9	230	---	4,488	281.1	274.5
Race/Ethnicity																	
White	730	231.0	501	129.6	608	443.9	442	390.8	907	302.9	617	185.0	304	---	4,109	259.1	234.5
Black	83	371.9	39	193.1	396	597.0	116	571.3	138	542.9	41	348.4	40	---	853	512.8	528.9
Hispanic	318	212.7	61	75.3	422	194.3	916	365.9	248	242.0	264	163.0	71	---	2,300	239.0	273.9
API‡	49	164.1	65	60.8	77	107.8	135	218.7	37	189.7	67	134.5	20	---	450	132.6	134.9
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
Age Group																	
0-14	243	219.9	39	38.7	135	125.0	304	287.7	132	143.0	168	143.1	32	---	1,053	165.9	
15-24	137	146.5	81	90.6	170	208.1	227	298.7	165	234.8	108	122.3	76	---	964	193.1	
25-64	561	206.1	349	98.8	963	345.9	780	338.1	754	300.9	482	161.4	241	---	4,130	245.3	
65+	309	507.3	229	283.2	271	596.1	339	700.5	319	552.4	287	383.5	108	---	1,862	505.7	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † COPD emergency department visit refers to (principal diagnosis) ICD-9 code 490-492, 496.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.  
 Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Cancer

**Healthy People 2010 Target:** 158.6 overall cancer deaths per 100,000 population, age-adjusted\*  
**USA:** 175.3 deaths per 100,000 population, age-adjusted (2008)\* †  
**California:** 156.8 deaths per 100,000 population, age-adjusted (2008)\* †

**Overall Cancer<sup>†</sup> Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	782	170.0	925	166.4	676	140.8	557	144.6	836	189.2	938	191.1	10	---	4,724	167.9	189.5
2001	767	164.1	830	147.5	663	135.6	614	154.5	886	197.9	889	177.9	17	---	4,666	162.9	183.3
2002	751	155.5	897	155.7	672	138.1	554	134.4	816	180.9	883	172.8	11	---	4,584	157.0	175.8
2003	712	145.7	904	152.8	661	135.4	603	141.6	872	192.6	915	174.3	48	---	4,715	158.7	176.5
2004	734	147.8	857	144.5	622	126.2	614	140.9	803	176.2	961	178.3	40	---	4,631	153.7	168.9
2005	750	150.8	889	149.8	614	124.0	667	147.7	801	176.1	914	167.1	29	---	4,664	153.5	165.5
2006	740	144.5	879	148.8	638	127.9	619	137.0	820	180.4	895	160.7	47	---	4,638	151.3	160.5
2007	806	155.6	868	145.7	636	126.3	623	136.5	858	186.7	981	173.1	40	---	4,812	155.2	162.6
2008	740	140.1	874	144.7	614	119.8	660	143.0	844	181.8	954	165.7	29	---	4,715	149.9	155.1
2009	750	139.6	882	141.3	645	125.6	666	144.6	829	176.0	940	162.3	22	---	4,734	148.6	150.1

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Overall cancer death refers to all malignant neoplasms (underlying cause of death) ICD-10 codes C00-C97.  
 ‡ Source: National Vital Statistics System, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

**Healthy People 2010 Target:** 28.2 prostate cancer deaths per 100,000 male population, age-adjusted\*  
**USA:** 23.5 deaths per 100,000 male population, age-adjusted (2007)\* †  
**California:** 22.7 deaths per 100,000 male population, age-adjusted (2007)\* †

**Prostate Cancer<sup>†</sup> Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	46	19.5	70	24.9	37	15.1	42	21.6	46	21.3	50	20.6	<5	---	292	20.6	29.9
2001	59	24.9	49	17.3	51	20.5	37	18.5	32	14.7	57	23.2	<5	---	287	20.0	28.4
2002	47	19.1	60	20.7	45	18.2	26	12.5	44	20.0	52	20.7	<5	---	274	18.8	26.1
2003	46	18.5	58	19.5	42	16.9	46	21.4	54	24.5	62	24.1	<5	---	312	21.0	28.7
2004	45	17.9	45	15.1	37	14.8	32	14.7	42	19.0	65	24.6	<5	---	268	17.8	23.9
2005	56	22.2	53	17.8	35	13.9	35	15.3	58	26.2	53	19.8	<5	---	292	19.2	25.0
2006	48	18.3	49	16.6	35	13.8	34	15.3	58	26.2	58	21.2	<5	---	284	18.6	23.3
2007	45	17.0	52	17.5	36	14.1	37	16.5	48	21.4	54	19.4	<5	---	273	17.7	21.8
2008	52	19.2	44	14.6	40	15.3	32	14.1	58	25.6	46	16.3	<5	---	272	17.3	20.8
2009	44	15.9	60	19.3	38	14.6	42	18.4	48	20.9	56	19.7	<5	---	291	18.3	21.8

\* Rates per 100,000 male population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Prostate Cancer death refers to (underlying cause of death) ICD-10 code C61.  
 ‡ Source: National Vital Statistics System, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

**Healthy People 2010 Target:** 2.0 cervical cancer deaths per 100,000 female population, age-adjusted\*  
**USA:** 2.4 deaths per 100,000 female population, age-adjusted (2007)\* †  
**California:** 2.4 deaths per 100,000 female population, age-adjusted (2007)\* †

**Cervical Cancer<sup>†</sup> Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	<5	§	8	2.9	5	2.1	7	3.7	5	2.2	5	2.0	<5	---	34	2.4	2.5
2001	9	3.9	<5	§	<5	§	11	5.6	8	3.5	10	3.9	<5	---	46	3.2	3.2
2002	<5	§	<5	§	6	2.5	7	3.4	<5	§	6	2.3	<5	---	27	1.9	1.9
2003	5	2.1	7	2.4	<5	§	<5	§	5	2.1	<5	§	<5	---	27	1.8	1.9
2004	<5	§	<5	§	10	4.1	<5	§	6	2.6	<5	§	<5	---	27	1.8	1.8
2005	5	2.0	<5	§	8	3.3	9	4.0	5	2.1	6	2.2	<5	---	35	2.3	2.3
2006	<5	§	<5	§	9	3.7	9	3.9	7	3.0	6	2.1	<5	---	34	2.2	2.2
2007	6	2.4	<5	§	6	2.4	6	2.6	6	2.5	<5	§	<5	---	31	2.0	1.9
2008	<5	§	<5	§	<5	§	<5	§	6	2.5	6	2.0	<5	---	22	1.4	1.4
2009	<5	§	<5	§	6	2.4	7	3.0	6	2.5	7	2.4	<5	---	34	2.1	2.1

\* Rates per 100,000 female population. Age-adjusted rates per 100,000 female 2000 US standard population. HP 2010 targets include midcourse review revised targets.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
 † Cervical Cancer death refers to (underlying cause of death) ICD-10 code C53.  
 ‡ Source: National Vital Statistics System, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Death Certificate

Death Certificate

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Cancer continued...

**Healthy People 2010 Target:** 21.3 female breast cancer deaths per 100,000 female population, age-adjusted \*

**USA:** 22.8 deaths per 100,000 female population, age-adjusted (2007)\* †

**California:** 22.1 deaths per 100,000 female population, age-adjusted (2007)\* †

**Female Breast Cancer† Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	57	25.4	81	29.5	57	24.3	43	22.5	83	36.8	92	37.0	<5	---	415	29.7	29.9
2001	59	25.6	78	27.9	49	20.4	60	30.4	60	26.1	66	26.0	<5	---	373	26.1	26.5
2002	62	26.2	88	30.7	55	23.0	46	22.5	68	29.4	86	33.1	<5	---	407	27.9	28.1
2003	54	22.4	75	25.5	50	20.8	45	21.3	60	25.8	71	26.6	7	---	362	24.4	24.5
2004	66	26.9	52	17.6	56	23.0	48	22.1	61	26.0	63	22.9	<5	---	350	23.2	22.9
2005	45	18.3	75	25.4	54	22.2	62	27.8	60	25.7	64	23.0	<5	---	361	23.8	23.1
2006	54	21.6	65	21.9	39	15.9	42	18.2	81	34.7	78	27.5	<5	---	361	23.5	22.6
2007	57	22.5	59	19.7	47	18.9	39	16.8	63	26.8	66	22.9	<5	---	332	21.3	20.2
2008	55	21.4	72	23.8	59	23.5	44	18.7	62	26.1	70	23.9	<5	---	363	23.0	21.6
2009	69	26.5	82	26.1	53	20.9	50	21.5	68	28.2	84	28.4	<5	---	406	25.4	23.3

\* Rates per 100,000 female population. Age-adjusted rates per 100,000 female 2000 US standard population. HP 2010 targets include midcourse review revised targets.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Female Breast Cancer death refers to (underlying cause of death) ICD-10 code C50.

‡ Source: National Vital Statistics System - Mortality, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

**Healthy People 2010 Target:** 13.7 colorectal cancer deaths per 100,000 population, age-adjusted\*

**USA:** 20.0 deaths per 100,000 population, age-adjusted (2007)\* †

**California:** 17.7 deaths per 100,000 population, age-adjusted (2007)\* †

**Colorectal Cancer† Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	80	17.4	91	16.4	60	12.5	49	12.7	73	16.5	91	18.5	<5	---	444	15.8	17.8
2001	75	16.0	91	16.2	54	11.0	51	12.8	82	18.3	77	15.4	<5	---	431	15.1	17.0
2002	63	13.0	77	13.4	70	14.4	51	12.4	78	17.3	91	17.8	<5	---	431	14.8	16.6
2003	58	11.9	77	13.0	56	11.5	58	13.6	75	16.6	95	18.1	<5	---	423	14.2	15.8
2004	63	12.7	81	13.7	60	12.2	53	12.2	81	17.8	93	17.3	<5	---	434	14.4	15.8
2005	80	16.1	83	14.0	71	14.3	51	11.3	59	13.0	74	13.5	<5	---	420	13.8	14.9
2006	86	16.8	68	11.5	62	12.4	56	12.4	77	16.9	96	17.2	<5	---	448	14.6	15.3
2007	67	12.9	74	12.4	56	11.1	59	12.9	86	18.7	96	16.9	<5	---	442	14.3	14.8
2008	68	12.9	81	13.4	49	9.6	54	11.7	64	13.8	66	11.5	<5	---	385	12.2	12.7
2009	68	12.7	98	15.7	41	8.0	60	13.0	78	16.6	85	14.7	<5	---	430	13.5	13.5

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Colorectal Cancer death refers to (underlying cause of death) ICD-10 codes C18-C21.

‡ Source: National Vital Statistics System, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

**Healthy People 2010 Target:** 43.3 lung cancer deaths per 100,000 population, age-adjusted\*

**USA:** 49.5 deaths per 100,000 population, age-adjusted (2008)\* †

**California:** 38.1 deaths per 100,000 population, age-adjusted (2008)\* †

**Lung Cancer† Deaths Among San Diego County Residents by Location of Residence**

Year	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	183	39.8	246	44.3	192	40.0	145	37.6	235	53.2	246	50.1	<5	---	1,248	44.4	50.3
2001	193	41.3	201	35.7	197	40.3	151	38.0	272	60.7	209	41.8	5	---	1,228	42.9	48.7
2002	168	34.8	240	41.7	183	37.6	122	29.6	229	50.8	203	39.7	<5	---	1,148	39.3	44.4
2003	185	37.9	202	34.2	168	34.4	137	32.2	247	54.6	201	38.3	7	---	1,147	38.6	43.4
2004	190	38.3	232	39.1	143	29.0	150	34.4	239	52.4	223	41.4	10	---	1,187	39.4	44.0
2005	177	35.6	219	36.9	157	31.7	153	33.9	210	46.2	187	34.2	9	---	1,112	36.6	40.2
2006	150	29.3	223	37.7	132	26.5	133	29.4	198	43.6	203	36.4	11	---	1,050	34.3	37.2
2007	197	38.0	207	34.7	159	31.6	143	31.3	198	43.1	229	40.4	13	---	1,146	37.0	39.6
2008	175	33.1	195	32.3	138	26.9	165	35.7	216	46.5	236	41.0	11	---	1,136	36.1	37.9
2009	164	30.5	189	30.3	152	29.6	148	32.1	236	50.1	211	36.4	5	---	1,105	34.7	35.7

\* Rates per 100,000 population. County and other age-adjusted rates per 100,000 2000 US standard population. HP 2010 targets include midcourse review revised targets.

Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.

† Lung Cancer death refers to (underlying cause of death) ICD-10 codes C33-C34.

‡ Source: National Vital Statistics System, CDC, NCHS. Online database accessed 12/28/2011: <http://wonder.cdc.gov>

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Death Certificate

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Cancer Details

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Overall Cancer <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	750	139.6	882	141.3	645	125.6	666	144.6	829	176.0	940	162.3	22	---	4,734	148.6	150.1
Gender																	
Male	384	138.9	468	150.9	360	138.5	360	157.4	426	185.3	515	181.4	15	---	2,528	159.1	182.7
Female	366	140.5	414	131.9	285	112.4	306	131.9	403	167.2	425	143.9	7	---	2,206	138.2	125.9
Race/Ethnicity																	
White	622	196.8	716	185.3	318	232.2	290	256.4	695	232.1	768	230.2	17	---	3,426	216.1	157.9
Black	14	62.7	24	118.8	117	176.4	23	113.3	26	102.3	15	127.5	<5	---	221	132.9	205.9
Hispanic	68	45.5	58	71.6	122	56.2	264	105.5	73	71.2	85	52.5	<5	---	672	69.8	139.0
API‡	36	120.6	77	72.0	83	116.2	83	134.5	25	128.2	56	112.4	<5	---	361	106.4	113.2
Other‡	10	51.7	6	20.3	5	23.2	5	32.7	9	37.4	13	58.9	<5	---	48	36.4	60.2
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	16	2.5	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	5	5.7	<5	---	18	3.6	
25-64	210	77.2	234	66.3	213	76.5	198	85.8	232	92.6	276	92.4	8	---	1,371	81.4	
65+	532	873.4	645	797.6	430	945.8	460	950.5	592	1025.2	657	877.9	13	---	3,329	904.1	

\* Rates per 100,000 population. Age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Overall cancer death refers to all malignant cancer (underlying cause of death) ICD-10 codes C00-C97.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

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Prostate Cancer <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	44	15.9	60	19.3	38	14.6	42	18.4	48	20.9	56	19.7	<5	---	291	18.3	21.8
Gender																	
Male	44	15.9	60	19.3	38	14.6	42	18.4	48	20.9	56	19.7	<5	---	291	18.3	21.8
Female																	
Race/Ethnicity																	
White	38	23.4	49	25.4	13	18.0	19	31.9	41	28.0	52	32.3	<5	---	215	27.0	21.9
Black	<5	§	<5	§	16	48.6	<5	§	<5	§	<5	§	<5	---	23	26.3	55.7
Hispanic	<5	§	6	15.1	5	4.6	17	14.1	<5	§	<5	§	<5	---	36	7.5	21.9
API‡	<5	§	<5	§	<5	§	5	17.4	<5	§	<5	§	<5	---	15	9.3	12.7
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
25-64	<5	§	<5	§	<5	§	7	6.1	<5	§	<5	§	<5	---	25	3.0	
65+	40	152.7	57	165.1	34	172.2	35	171.3	47	186.6	52	157.4	<5	---	266	167.2	

\* Rates per 100,000 male population. Age-adjusted rates per 100,000 2000 US standard male population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Prostate Cancer death refers to (underlying cause of death) ICD-10 code C61.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

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Cervical Cancer <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	<5	§	<5	§	6	2.4	7	3.0	6	2.5	7	2.4	<5	---	34	2.1	2.1
Gender																	
Male																	
Female	<5	§	<5	§	6	2.4	7	3.0	6	2.5	7	2.4	<5	---	34	2.1	2.1
Race/Ethnicity																	
White	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	13	1.6	1.5
Black	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Hispanic	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	15	3.1	4.9
API‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	
25-64	<5	§	<5	§	<5	§	<5	§	<5	§	5	3.3	<5	---	23	2.7	
65+	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	11	5.3	

\* Rates per 100,000 female population. Age-adjusted rates per 100,000 2000 US standard female population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Cervical Cancer death refers to (underlying cause of death) ICD-10 code C53.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Cancer Details continued...

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Female Breast Cancer <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	69	26.5	82	26.1	53	20.9	50	21.5	68	28.2	84	28.4	<5	---	406	25.4	23.3
Gender																	
Male																	
Female	69	26.5	82	26.1	53	20.9	50	21.5	68	28.2	84	28.4	<5	---	406	25.4	23.3
Race/Ethnicity																	
White	57	37.1	72	37.2	24	37.1	13	24.3	56	36.6	67	38.9	<5	---	289	36.6	25.4
Black	<5	§	<5	§	11	33.0	<5	§	<5	§	<5	§	<5	---	18	22.8	27.5
Hispanic	7	9.7	<5	§	10	9.3	30	23.2	8	15.3	10	12.6	<5	---	69	14.3	21.0
API‡	5	31.0	<5	§	7	19.0	<5	§	<5	§	5	18.9	<5	---	26	14.5	14.0
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
25-64	31	23.2	30	17.2	27	19.9	25	21.5	33	25.8	34	22.4	<5	---	180	21.4	
65+	38	109.5	52	112.2	26	101.1	24	85.8	35	107.5	50	119.6	<5	---	225	107.6	

\* Rates per 100,000 female population. Age-adjusted rates per 100,000 2000 US standard female population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Female Breast Cancer death refers to (underlying cause of death) ICD-10 code C50.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Death Certificate

Colorectal Cancer <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	68	12.7	98	15.7	41	8.0	60	13.0	78	16.6	85	14.7	<5	---	430	13.5	13.5
Gender																	
Male	32	11.6	56	18.1	22	8.5	35	15.3	39	17.0	48	16.9	<5	---	232	14.6	16.4
Female	36	13.8	42	13.4	19	7.5	25	10.8	39	16.2	37	12.5	<5	---	198	12.4	11.0
Race/Ethnicity																	
White	54	17.1	73	18.9	20	14.6	26	23.0	68	22.7	67	20.1	<5	---	308	19.4	14.0
Black	<5	§	<5	§	7	10.6	<5	§	<5	§	<5	§	<5	---	16	9.6	14.2
Hispanic	9	6.0	9	11.1	7	3.2	24	9.6	8	7.8	11	6.8	<5	---	68	7.1	13.9
API‡	<5	§	11	10.3	6	8.4	5	8.1	<5	§	<5	§	<5	---	28	8.3	9.0
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	10	7.6	12.0
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
25-64	20	7.3	27	7.6	15	5.4	22	9.5	20	8.0	31	10.4	<5	---	135	8.0	
65+	48	78.8	71	87.8	26	57.2	38	78.5	58	100.4	54	72.2	<5	---	295	80.1	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Colorectal Cancer death refers to (underlying cause of death) ICD-10 codes C18-C21.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Death Certificate

Lung Cancer <sup>†</sup> Deaths Among San Diego County Residents by Location of Residence, 2009 Detail																	
	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	164	30.5	189	30.3	152	29.6	148	32.1	236	50.1	211	36.4	5	---	1,105	34.7	35.7
Gender																	
Male	86	31.1	98	31.6	97	37.3	90	39.4	120	52.2	121	42.6	<5	---	614	38.6	45.0
Female	78	29.9	91	29.0	55	21.7	58	25.0	116	48.1	90	30.5	<5	---	491	30.8	28.6
Race/Ethnicity																	
White	141	44.6	158	40.9	89	65.0	85	75.1	205	68.5	179	53.7	<5	---	861	54.3	40.1
Black	<5	§	<5	§	27	40.7	<5	§	8	31.5	<5	§	<5	---	47	28.3	43.8
Hispanic	6	4.0	9	11.1	16	7.4	38	15.2	10	9.8	10	6.2	<5	---	89	9.2	20.3
API‡	10	33.5	18	16.8	20	28.0	22	35.6	10	51.3	14	28.1	<5	---	94	27.7	29.7
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	11	8.3	14.9
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
15-24	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
25-64	38	14.0	32	9.1	45	16.2	31	13.4	53	21.2	55	18.4	<5	---	255	15.1	
65+	126	206.9	157	194.1	107	235.4	116	239.7	183	316.9	156	208.5	<5	---	849	230.6	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 \*\* Numbers may not add up to totals due to unknown or missing details.  
 † Lung Cancer death refers to (underlying cause of death) ICD-10 codes C33-C34.  
 ‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.  
 § Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Death Statistical Master Files (CA DPH), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Arthritis and Dorsopathies

Hospital

Arthritis <sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence																	
Year	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	1,057	229.8	1,209	217.5	807	168.0	708	183.8	1,135	256.9	1,424	290.1	14	---	6,354	225.8	250.3
2001	1,157	247.6	1,357	241.2	821	168.0	735	185.0	1,192	266.2	1,494	299.0	<5	---	6,756	235.9	261.5
2002	1,150	238.1	1,274	221.1	858	176.3	873	211.8	1,206	267.4	1,564	306.1	<5	---	6,925	237.2	263.1
2003	1,199	245.3	1,409	238.2	885	181.3	877	205.9	1,339	295.7	1,624	309.3	<5	---	7,333	246.8	272.0
2004	1,272	256.2	1,424	240.1	890	180.6	901	206.8	1,436	315.1	1,660	308.0	<5	---	7,583	251.7	275.7
2005	1,255	252.3	1,519	256.0	850	171.7	950	210.4	1,504	330.6	1,707	312.0	<5	---	7,785	256.1	277.2
2006	1,383	270.1	1,525	258.1	927	185.9	968	214.3	1,494	328.7	1,751	314.3	<5	---	8,048	262.6	280.8
2007	1,440	278.0	1,595	267.7	979	194.4	990	216.9	1,654	359.9	1,956	345.2	<5	---	8,614	277.9	293.6
2008	1,475	279.3	1,706	282.4	985	192.2	1,026	222.3	1,610	346.8	2,009	348.9	<5	---	8,811	280.0	292.6
2009	1,510	281.2	1,640	262.8	1,033	201.2	1,030	223.6	1,726	366.5	2,058	355.3	<5	---	8,997	282.4	289.3

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
<sup>†</sup> Arthritis hospitalization refers to (principal diagnosis) ICD-9 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, and 729.4.  
<sup>§</sup> Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Emergency Department

Arthritis <sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence																	
Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2006	1,416	276.6	1,727	292.3	2,637	528.7	1,912	423.2	2,022	444.8	1,405	252.2	857	---	11,976	390.7	395.9
2007	1,429	275.8	1,723	289.2	2,501	496.6	1,848	405.0	2,003	435.9	1,516	267.5	803	---	11,823	381.4	383.8
2008	1,506	285.2	1,794	296.9	2,814	549.2	2,017	437.0	2,088	449.7	1,456	252.9	851	---	12,526	398.1	400.2
2009	1,361	253.4	1,799	288.3	3,048	593.5	2,092	454.1	2,241	475.9	1,458	251.7	917	---	12,916	405.5	403.7

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
<sup>†</sup> Arthritis emergency department discharge refers to (principal diagnosis) ICD-9 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, and 729.4.  
 \*\* New database; 2006 is first calendar year regional data is available  
<sup>§</sup> Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.  
 Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Hospital

Dorsopathy <sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence																	
Year	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2000	698	151.8	764	137.5	532	110.8	423	109.8	864	195.6	1,034	210.6	12	---	4,327	153.8	165.2
2001	802	171.6	888	157.8	539	110.3	556	139.9	915	204.3	1,198	239.7	<5	---	4,898	171.0	183.1
2002	816	169.0	913	158.4	575	118.2	620	150.4	996	220.8	1,074	210.2	<5	---	4,994	171.0	183.0
2003	761	155.7	887	150.0	516	105.7	562	132.0	1,048	231.5	1,043	198.7	<5	---	4,817	162.1	172.6
2004	805	162.1	866	146.0	524	106.3	585	134.2	1,070	234.8	1,140	211.5	<5	---	4,990	165.6	175.6
2005	824	165.7	798	134.5	532	107.5	511	113.2	1,041	228.8	1,129	206.4	<5	---	4,835	159.1	167.7
2006	809	158.0	891	150.8	545	109.3	534	118.2	1,007	221.5	1,060	190.3	<5	---	4,846	158.1	164.3
2007	852	164.5	882	148.0	567	112.6	550	120.5	1,076	234.1	1,059	186.9	<5	---	4,986	160.8	166.7
2008	828	156.8	857	141.8	557	108.7	580	125.6	1,001	215.6	1,186	206.0	<5	---	5,009	159.2	163.5
2009	814	151.6	853	136.7	528	102.8	524	113.7	1,132	240.4	1,149	198.4	<5	---	5,000	157.0	159.4

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
<sup>†</sup> Dorsopathy hospitalization refers to (principal diagnosis) ICD-9 codes 720-724.  
<sup>§</sup> Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.  
 Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Emergency Department

Dorsopathy <sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence																	
Year**	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
2006	1,961	383.0	2,204	373.0	3,549	711.5	2,702	598.1	3,239	712.6	2,251	404.1	1,231	---	17,137	559.1	561.6
2007	2,016	389.1	2,263	379.8	3,350	665.1	2,535	555.5	3,013	655.6	2,361	416.7	1,114	---	16,652	537.1	538.1
2008	2,142	405.6	2,247	371.9	3,706	723.3	2,587	560.4	3,166	681.9	2,497	433.7	1,066	---	17,411	553.4	552.6
2009	2,248	418.6	2,482	397.7	3,753	730.8	2,971	644.8	3,309	702.7	2,570	443.8	1,218	---	18,551	582.4	578.7

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.  
 Bold rates indicate that the Region's rate is statistically significantly different (higher or lower) from the County rate for that year. Confidence interval testing could not be performed for rates with § symbols.  
<sup>†</sup> Dorsopathy emergency department discharge refers to back-related visits for (principal diagnosis) ICD-9 codes 720-724.  
 \*\* New database; 2006 is first calendar year regional data is available  
<sup>§</sup> Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.  
 Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.  
 Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 12/12/2011.

Arthritis and Dorsopathy Details

Hospital

Arthritis<sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	1,510	281.2	1,640	262.8	1,033	201.2	1,030	223.6	1,726	366.5	2,058	355.3	<5	---	8,997	282.4	289.3
Gender																	
Male	681	246.2	722	232.8	426	163.9	458	200.3	747	325.0	899	316.7	<5	---	3,933	247.5	272.1
Female	829	318.2	918	292.5	607	239.4	572	246.5	979	406.1	1,159	392.5	<5	---	5,064	317.2	301.9
Race/Ethnicity																	
White	1,256	397.4	1,364	352.9	497	362.9	469	414.6	1,398	466.9	1,700	509.6	<5	---	6,684	421.5	330.9
Black	31	138.9	36	178.2	208	313.6	43	211.8	68	267.5	30	254.9	<5	---	416	250.1	308.8
Hispanic	134	89.6	98	121.1	232	106.8	411	164.2	164	160.0	191	118.0	<5	---	1,230	127.8	224.9
API‡	38	127.3	63	58.9	59	82.6	66	106.9	37	189.7	46	92.4	<5	---	309	91.1	94.6
Other‡	29	149.9	39	132.2	25	115.9	22	144.1	30	124.7	48	217.5	<5	---	193	146.4	237.6
Age Group																	
0-14	34	30.8	29	28.8	26	24.1	35	33.1	24	26.0	62	52.8	<5	---	210	33.1	
15-24	22	23.5	18	20.1	22	26.9	26	34.2	23	32.7	24	27.2	<5	---	135	27.0	
25-64	612	224.9	635	179.8	520	186.8	431	186.8	808	322.5	845	283.0	<5	---	3,851	228.8	
65+	842	1382.3	958	1184.6	465	1022.8	538	1111.7	871	1508.3	1,127	1506.0	<5	---	4,801	1303.8	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Arthritis hospitalization refers to (principal diagnosis) ICD-9 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, and 729.4.

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Emergency Department

Arthritis<sup>†</sup> Emergency Department Discharges in San Diego County by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	1,361	253.4	1,799	288.3	3,048	593.5	2,092	454.1	2,241	475.9	1,458	251.7	917	---	12,916	405.5	403.7
Gender																	
Male	621	224.6	850	274.0	1,356	521.6	936	409.3	1,002	435.9	642	226.2	504	---	5,911	372.0	377.7
Female	740	284.1	949	302.3	1,692	667.2	1,156	498.1	1,239	514.0	816	276.3	413	---	7,005	438.8	426.6
Race/Ethnicity																	
White	915	289.5	1,212	313.6	1,102	804.6	577	510.1	1,446	482.9	954	286.0	610	---	6,816	429.9	394.7
Black	103	461.6	130	643.6	918	1384.0	167	822.4	271	1066.2	67	569.3	83	---	1,739	1045.5	1081.6
Hispanic	228	152.5	211	260.6	750	345.3	1,104	441.0	389	379.5	300	185.3	142	---	3,124	324.6	407.0
API‡	55	184.2	142	132.8	182	254.7	162	262.5	57	292.3	69	138.6	33	---	700	206.3	204.8
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	130	117.7	121	120.1	158	146.3	244	230.9	160	173.3	160	136.3	71	---	1,044	164.5	
15-24	104	111.2	186	208.1	316	386.8	240	315.8	205	291.7	138	156.2	112	---	1,301	260.6	
25-64	814	299.1	1,066	301.9	2,108	757.2	1,193	517.2	1,447	577.5	844	282.7	588	---	8,060	478.8	
65+	313	513.9	426	526.8	466	1025.0	415	857.5	429	742.9	316	422.3	146	---	2,511	681.9	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Arthritis emergency department discharge refers to (principal diagnosis) ICD-9 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, and 729.4.

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.

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

Hospital

Dorsopathy<sup>†</sup> Hospitalizations Among San Diego County Residents by Location of Residence, 2009 Detail

	North Coastal		North Central		Central		South		East		North Inland		Unknown <sup>§</sup>		County		County age-adjusted rate*
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	
Total**	814	151.6	853	136.7	528	102.8	524	113.7	1,132	240.4	1,149	198.4	<5	---	5,000	157.0	159.4
Gender																	
Male	421	152.2	434	139.9	254	97.7	259	113.3	548	238.4	580	204.3	<5	---	2,496	157.1	168.6
Female	393	150.9	419	133.5	274	108.1	265	114.2	584	242.3	569	192.7	<5	---	2,504	156.9	151.7
Race/Ethnicity																	
White	679	214.9	711	184.0	278	203.0	240	212.2	907	302.9	948	284.2	<5	---	3,763	237.3	198.2
Black	14	62.7	21	104.0	95	143.2	24	118.2	52	204.6	18	152.9	<5	---	224	134.7	150.6
Hispanic	70	46.8	54	66.7	115	52.9	207	82.7	119	116.1	103	63.6	<5	---	668	69.4	107.1
API‡	20	67.0	29	27.1	23	32.2	29	47.0	17	87.2	29	58.2	<5	---	147	43.3	43.7
Other‡	20	103.4	23	78.0	6	27.8	13	85.1	15	62.4	23	104.2	<5	---	100	75.9	115.0
Age Group																	
0-14	<5	§	<5	§	<5	§	<5	§	<5	§	6	5.1	<5	---	14	2.2	
15-24	9	9.6	9	10.1	9	11.0	<5	§	15	21.3	10	11.3	<5	---	53	10.6	
25-64	479	176.0	503	142.5	365	131.1	323	140.0	762	304.1	656	219.7	<5	---	3,088	183.4	
65+	326	535.2	339	419.2	152	334.3	197	407.1	354	613.0	477	637.4	<5	---	1,845	501.1	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Dorsopathy hospitalization refers to (principal diagnosis) ICD-9 codes 720-724.

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown.

Source: Patient Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 10/2010.

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

Arthritis and Dorsopathy Details continued...

Emergency Department

**Dorsopathy† Emergency Department Discharges in San Diego County by Location of Residence, 2009 Detail**

	North Coastal		North Central		Central		South		East		North Inland		Unknown§		County		County age-
	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	No.	Rate*	adjusted rate*
Total**	2,248	418.6	2,482	397.7	0	730.8	2,971	644.8	3,309	702.7	2,570	443.8	1,218	---	18,551	582.4	578.7
Gender																	
Male	1,006	363.8	1,127	363.3	1,706	656.2	1,194	522.1	1,379	599.9	1,072	377.7	652	---	8,136	512.0	513.2
Female	1,242	476.8	1,355	431.7	2,047	807.2	1,777	765.7	1,930	800.7	1,498	507.3	566	---	10,415	652.4	644.7
Race/Ethnicity																	
White	1,547	489.5	1,733	448.4	1,417	1034.6	814	719.7	2,265	756.4	1,741	521.9	819	---	10,336	651.9	623.0
Black	145	649.8	156	772.3	1,064	1604.1	214	1053.9	343	1349.4	130	1104.6	107	---	2,159	1298.0	1320.7
Hispanic	374	250.1	315	389.1	1,011	465.4	1,631	651.5	533	520.0	498	307.6	189	---	4,551	472.8	554.2
API‡	61	204.3	131	122.5	149	208.5	199	322.4	63	323.0	88	176.7	30	---	721	212.5	209.2
Other‡	<5	§	<5	§	<5	§	<5	§	<5	§	<5	§	<5	---	<5	§	§
Age Group																	
0-14	102	92.3	67	66.5	126	116.7	186	176.0	82	88.8	81	69.0	33	---	677	106.7	
15-24	237	253.5	251	280.8	394	482.3	393	517.2	292	415.5	264	298.9	133	---	1,964	393.5	
25-64	1,507	553.7	1,718	486.6	2,841	1020.5	1,978	857.5	2,496	996.2	1,800	602.8	925	---	13,265	788.0	
65+	402	660.0	446	551.5	392	862.2	414	855.5	439	760.2	425	567.9	127	---	2,645	718.3	

\* Rates per 100,000 population. County age-adjusted rates per 100,000 2000 US standard population.

\*\* Numbers may not add up to totals due to unknown or missing details.

† Dorsopathy emergency department discharge refers to back-related visits for (principal diagnosis) ICD-9 codes 720-724.

‡ API includes Asian, Pacific Islanders, Native Hawaiian. Other includes 2 or more races, Native American/Alaskan Native, American Indian, or other. Unknown not included.

§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 10/2010.

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

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