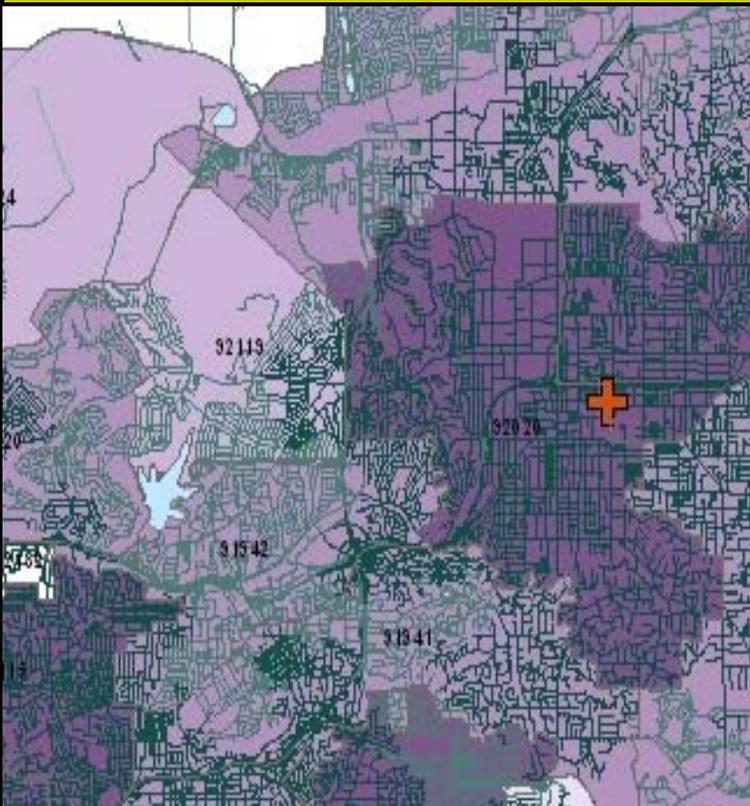


Chronic Disease Atlas - Asthma - San Diego County



JUNE 2012

Asthma Medical Encounter* Rates San Diego County by Subregional Area, by Year

*Asthma hospitalizations refer to principal diagnosis, ICD-9 CM code 493.

*Asthma emergency department discharges refer to principal diagnosis, ICD-9 CM code 493.

Medical Encounters*

Death Data is based on underlying cause of death (not multiple causes) and uses ICD-10 codes. Those included are residents of San Diego County with known zip code of residence.

Source: Death Statistical Master Files (CA Department of Public Health), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch.

Hospital Data is based on principal diagnosis and uses ICD-9 CM codes. Those included are residents of San Diego County with known zip code of residence.

Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch.

Emergency Department (ED) Data is based on principal diagnosis and uses ICD-9 CM codes. ED discharges are those patients treated and discharged from the ED. Patients admitted to the hospital are not included here, but in the hospitalization data. Those included are residents of San Diego County with known zip code of residence.

Source: HASD&IC, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database.

Population Data Source: San Diego Association of Governments (SANDAG), Current Population Estimates, 10/2010.

Data (rates) prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Community Health Statistics Unit, from Community Profile.

Maps prepared by County of San Diego, Health & Human Services Agency, Public Health Services, Emergency Medical Services.

Contact Information:

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(Senior Epidemiologist for EMS and CHSU)

For more detailed explanation of geography, methods, and sources,
see online Community Profile at www.SDHealthStatistics.com

**Asthma Hospitalization Rates
Among San Diego County Residents
by Subregional Area**

Maps by Year:

2000

2001

2002

2003

2004

2005

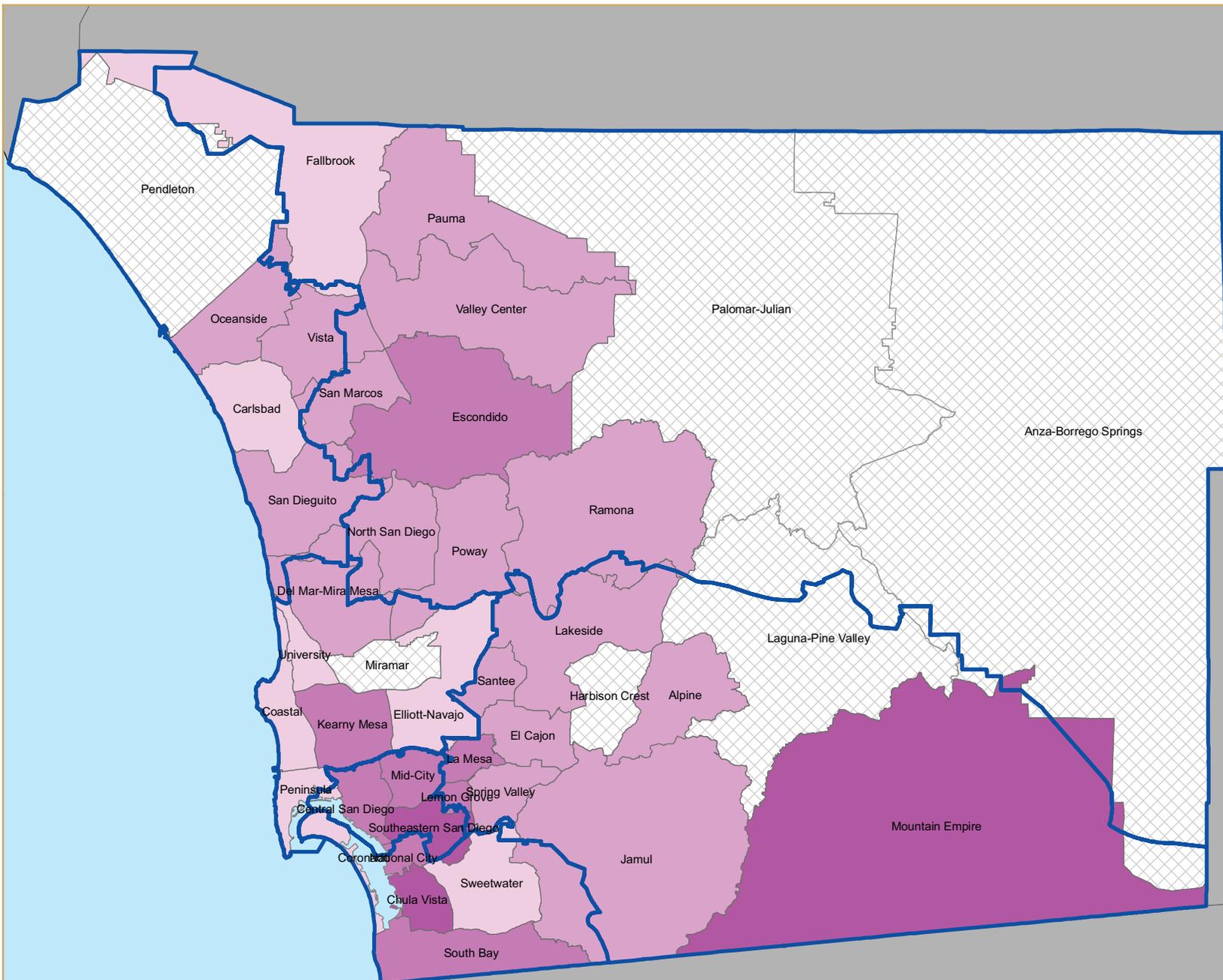
2006

2007

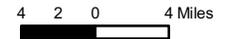
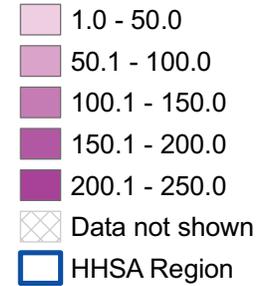
2008

2009

Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2000



* Rates per 100,000 population.

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

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

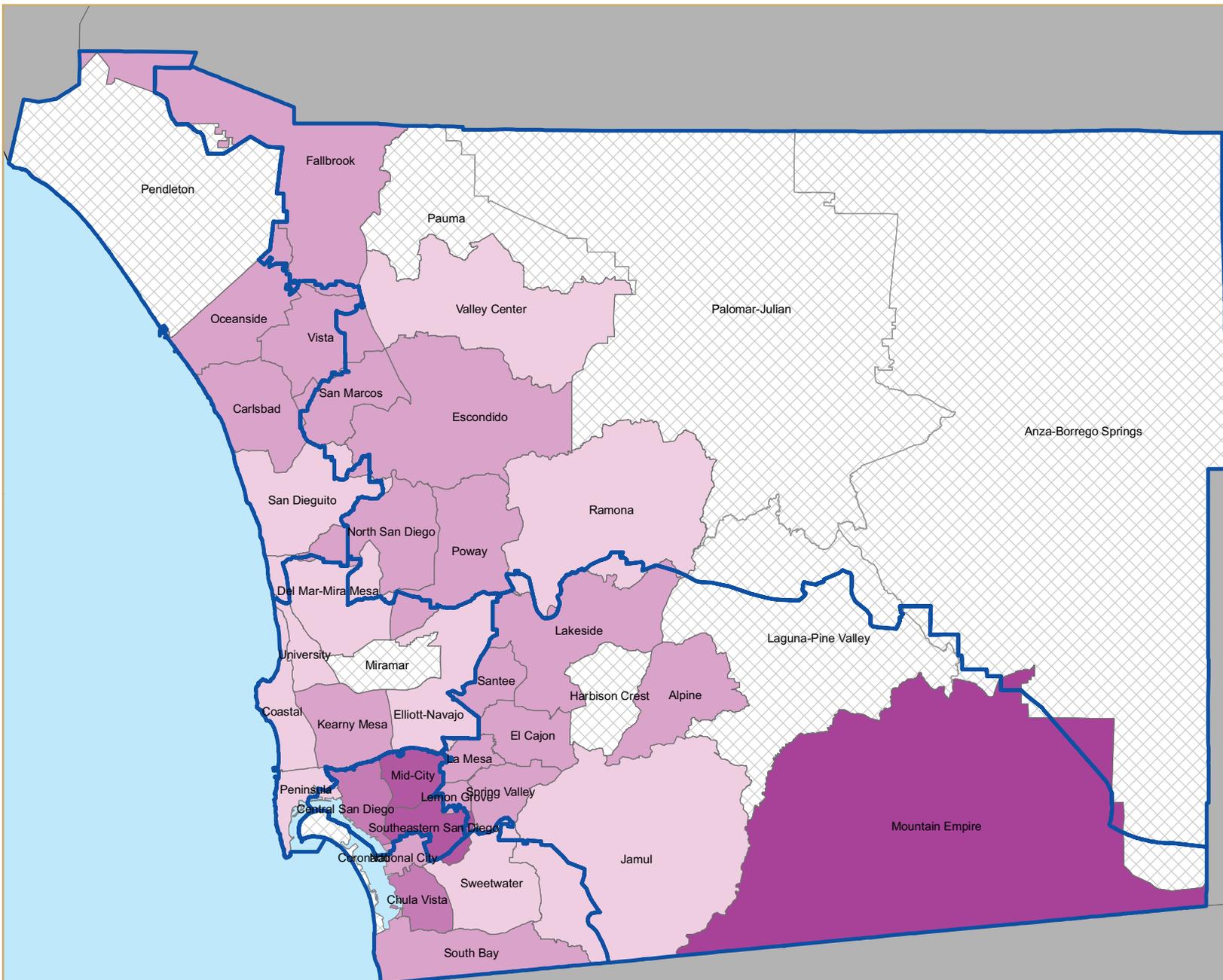
Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.

Map Date: September, 2010
 Contact: Isabel Corcos or Leslie Ray,
 County of San Diego Emergency Medical Services
 619.285.6429

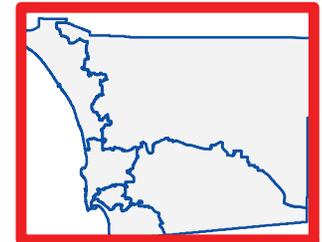
NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
 D_North_American_1983, Foot_US

Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2001

- 1.0 - 50.0
- 50.1 - 100.0
- 100.1 - 150.0
- 150.1 - 200.0
- 200.1 - 250.0
- Data not shown
- HHS Region



4 2 0 4 Miles



* Rates per 100,000 population.

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

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

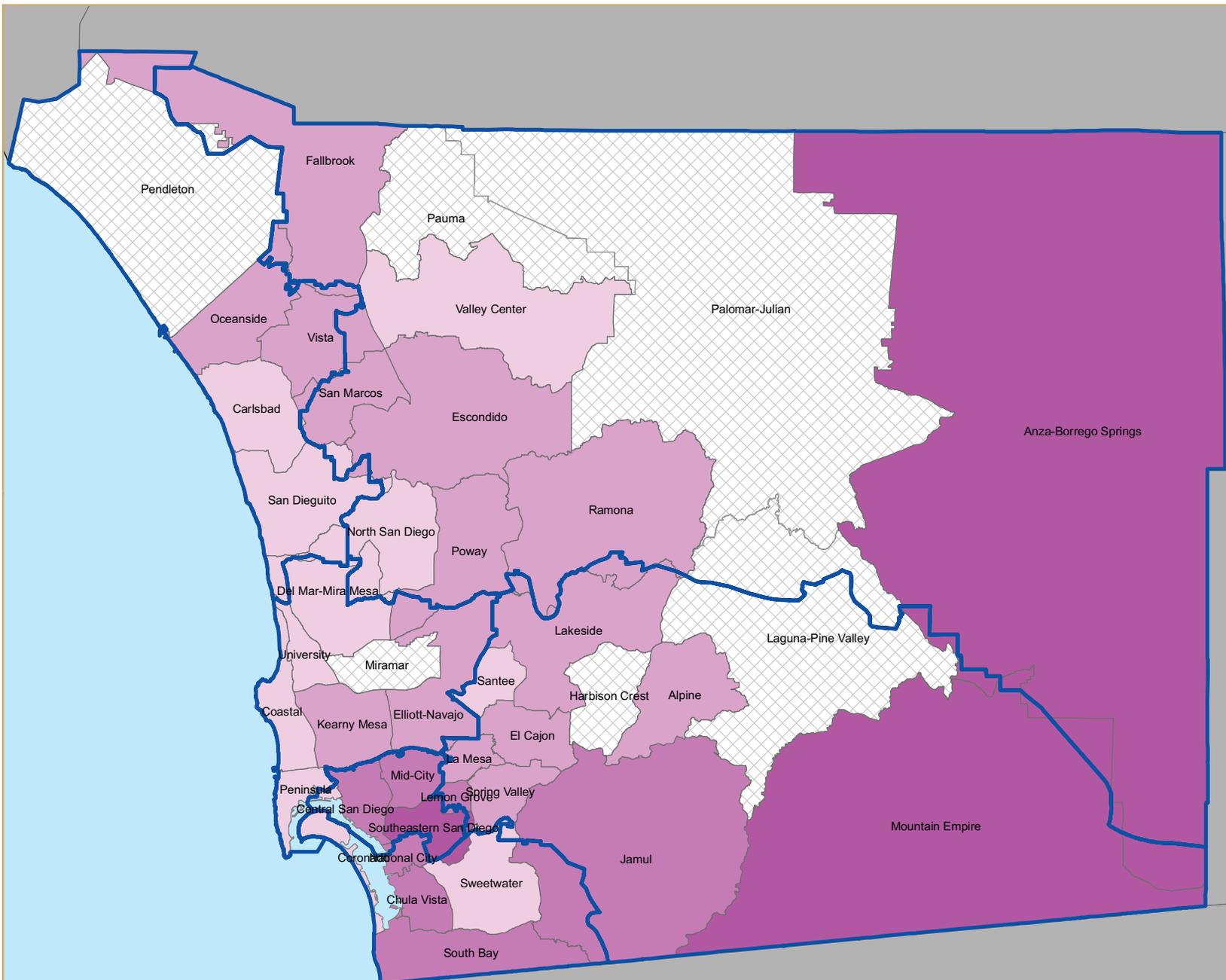
Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.

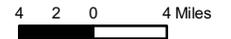
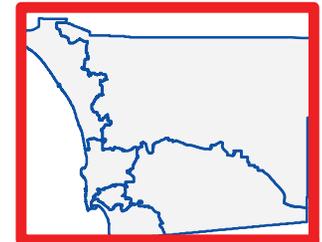
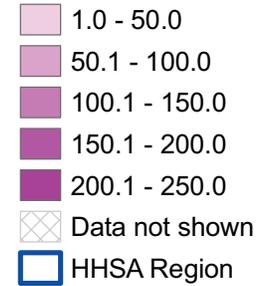
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NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
 D_North_American_1983, Foot_US

Chronic Disease Outcome Rates
by Subregional Area (SRA)
in San Diego County



Asthma Hosp Rates, 2002



* Rates per 100,000 population.

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

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

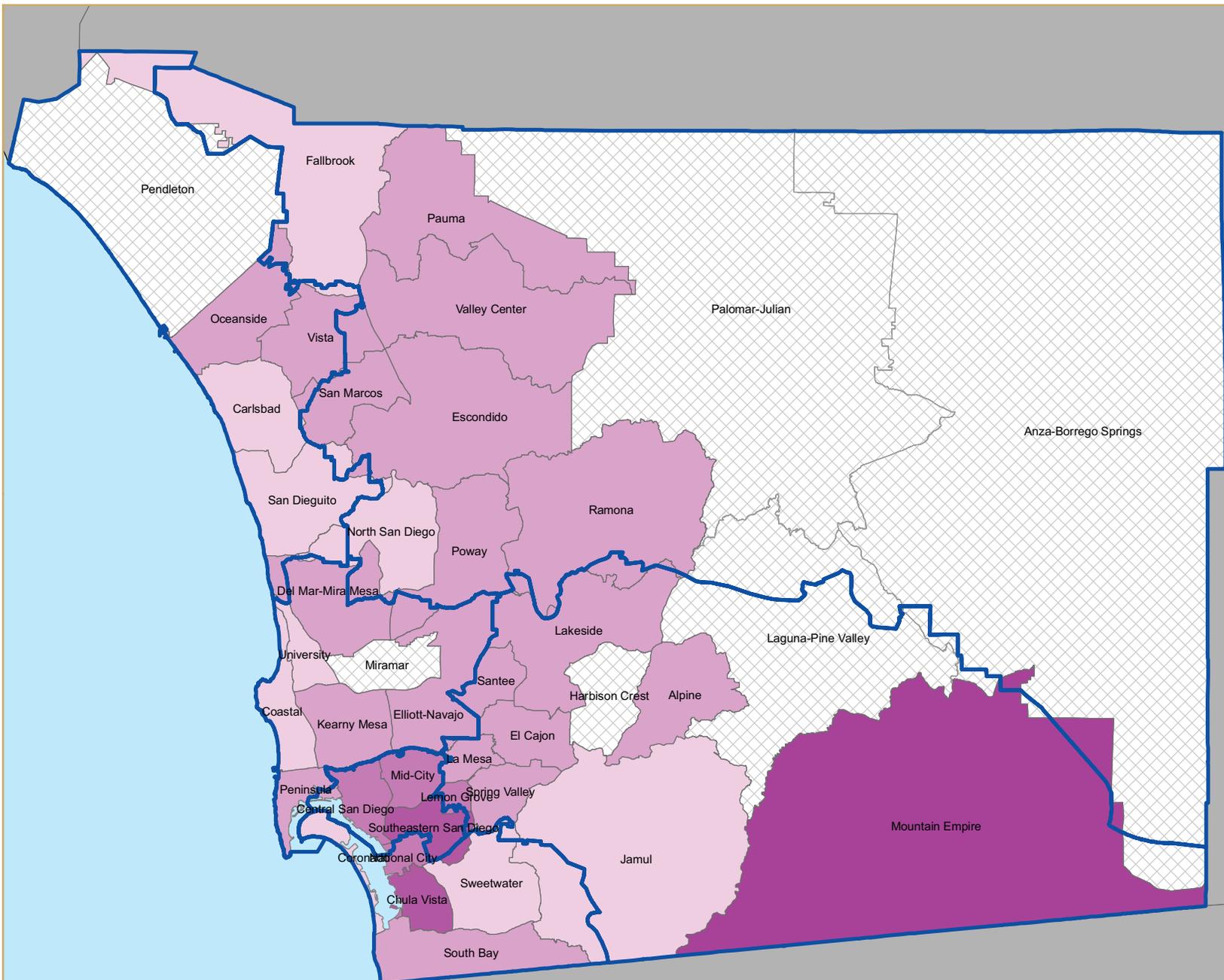
Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.

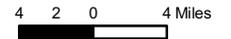
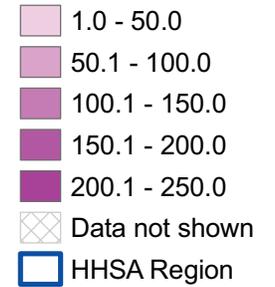
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County of San Diego Emergency Medical Services
619.285.6429

NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
D_North_American_1983, Foot_US

Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2003



* Rates per 100,000 population.

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

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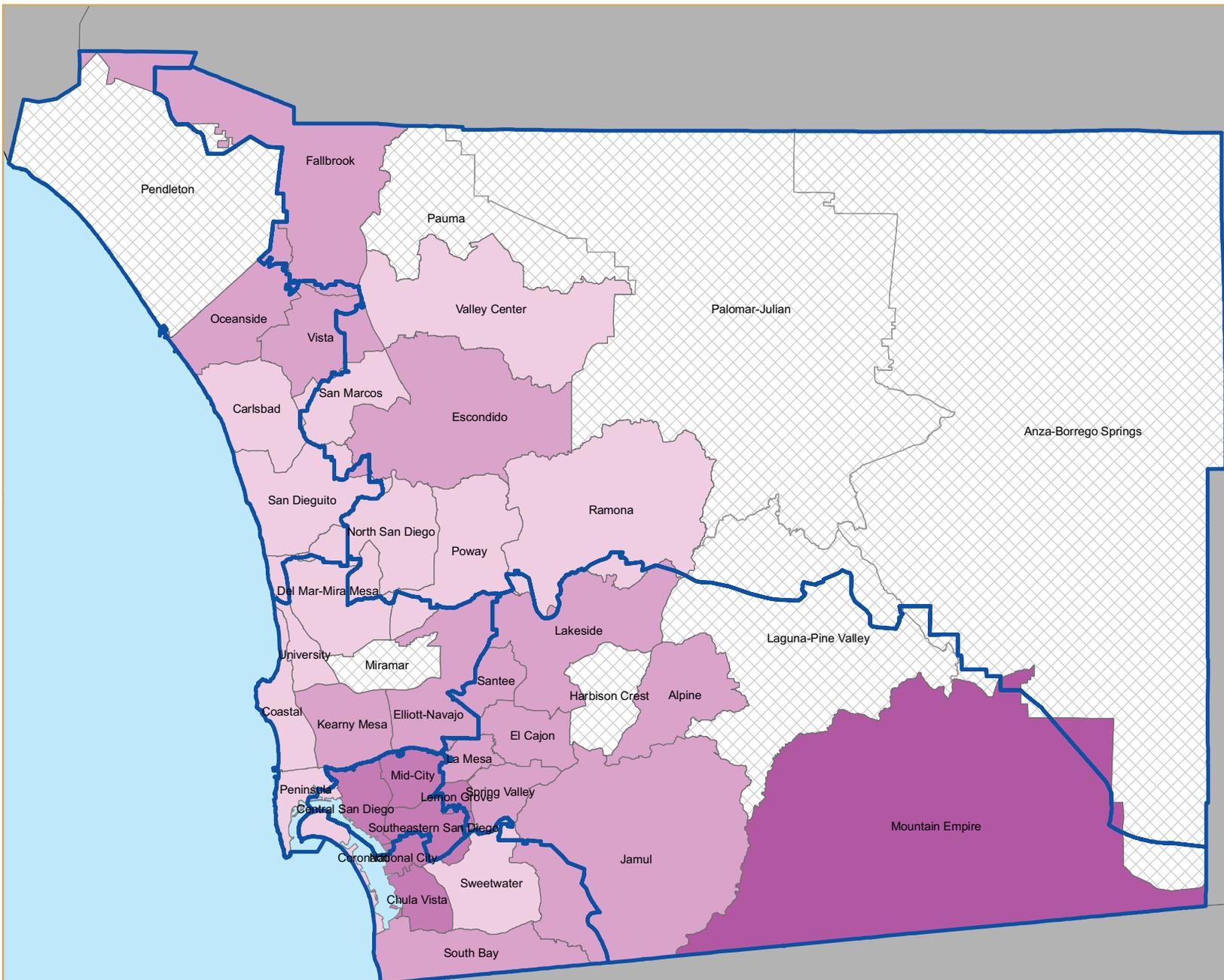
Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.

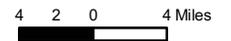
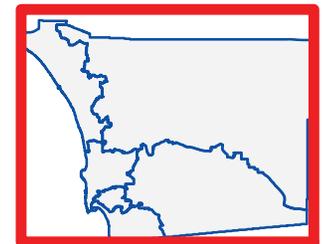
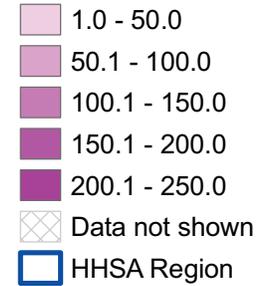
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NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
 D_North_American_1983, Foot_US

Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2004



* Rates per 100,000 population.

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

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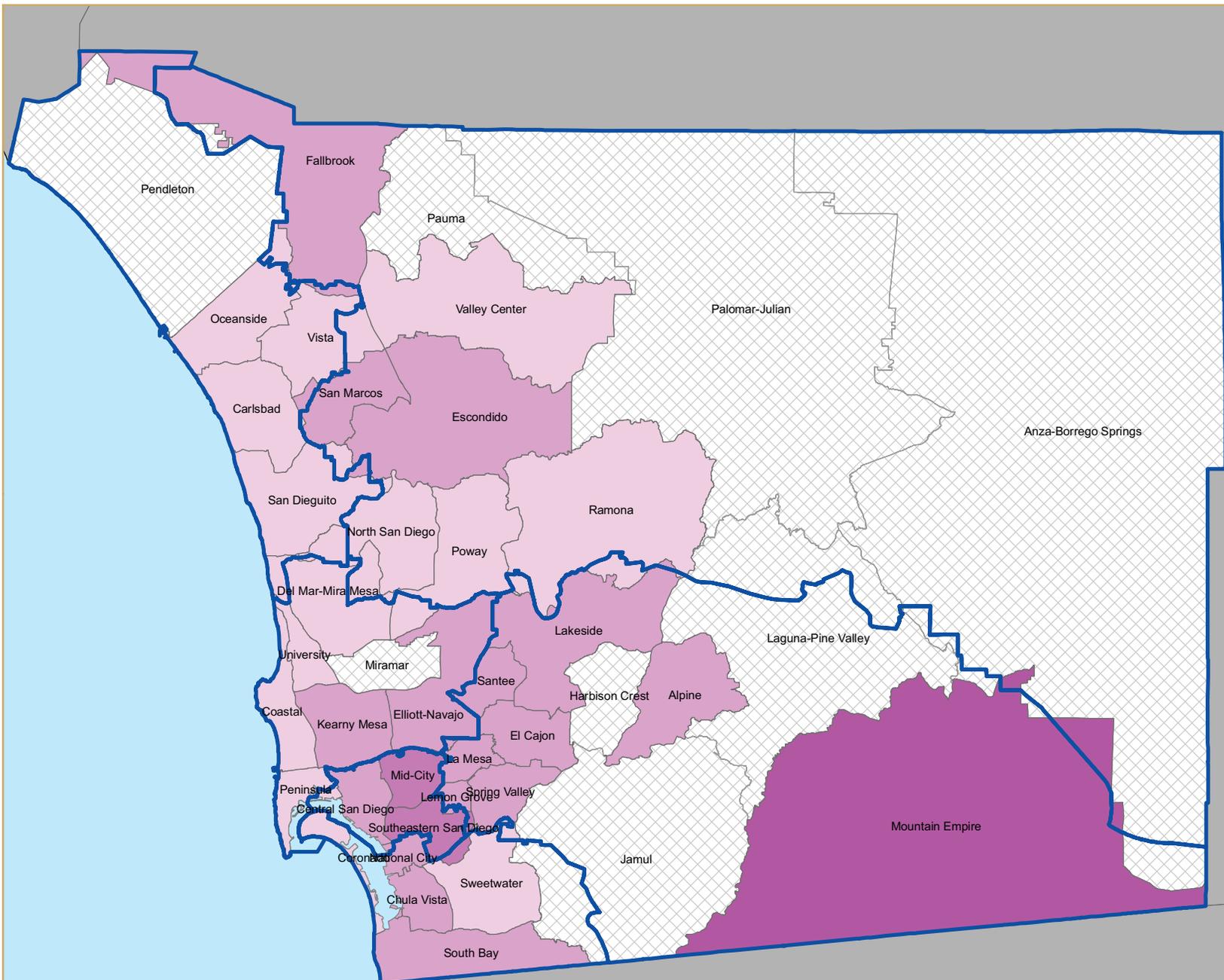
Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

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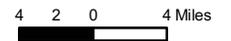
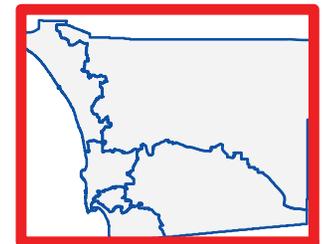
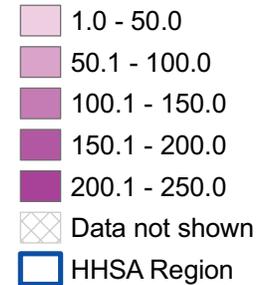
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NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
 D_North_American_1983, Foot_US

Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2005



* Rates per 100,000 population.

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

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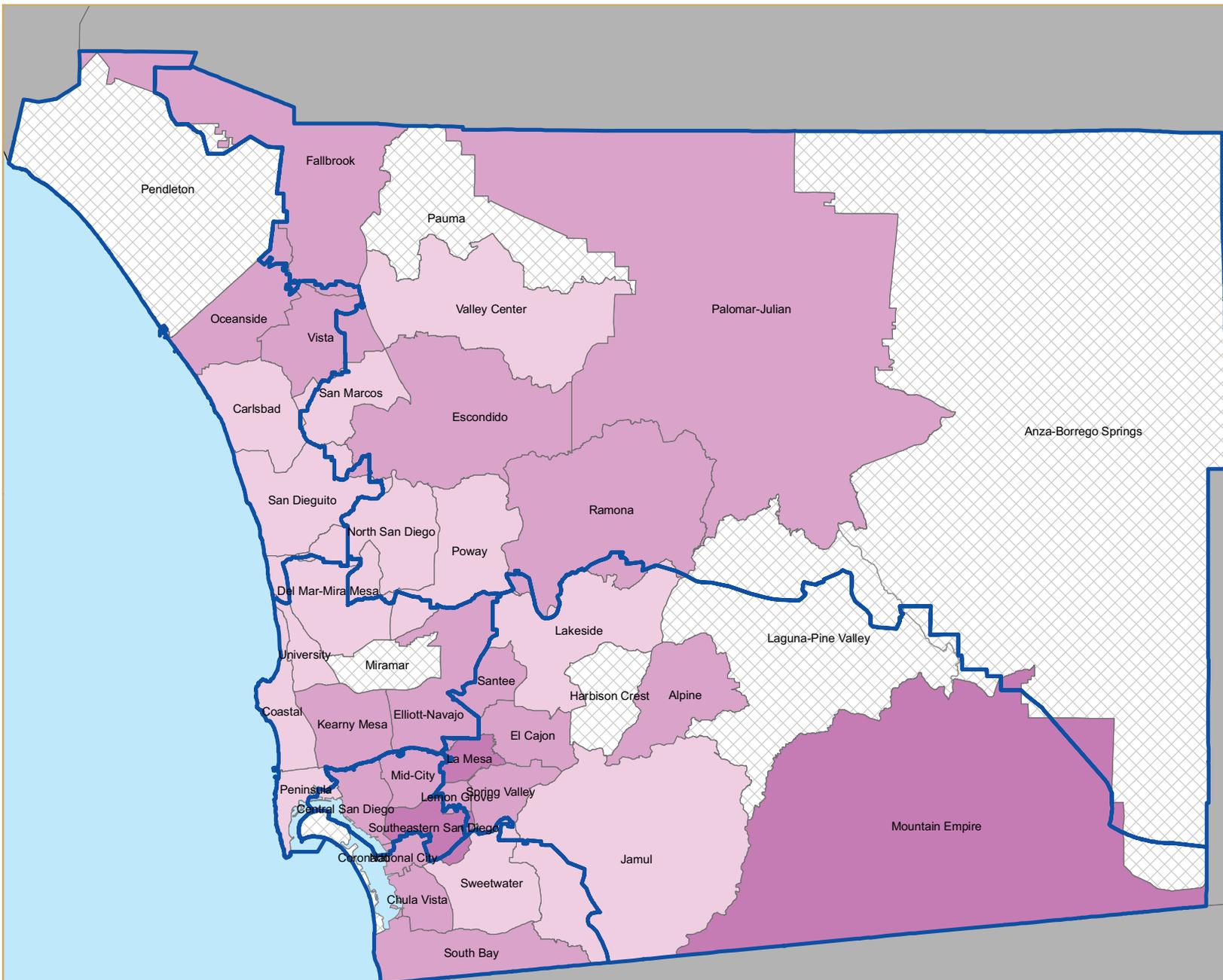
Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

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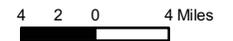
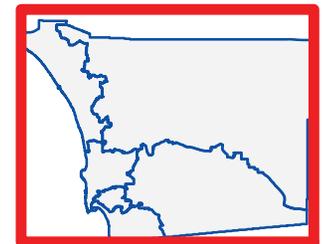
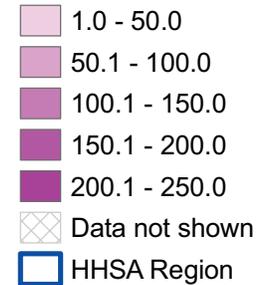
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NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
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Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2006



* Rates per 100,000 population.

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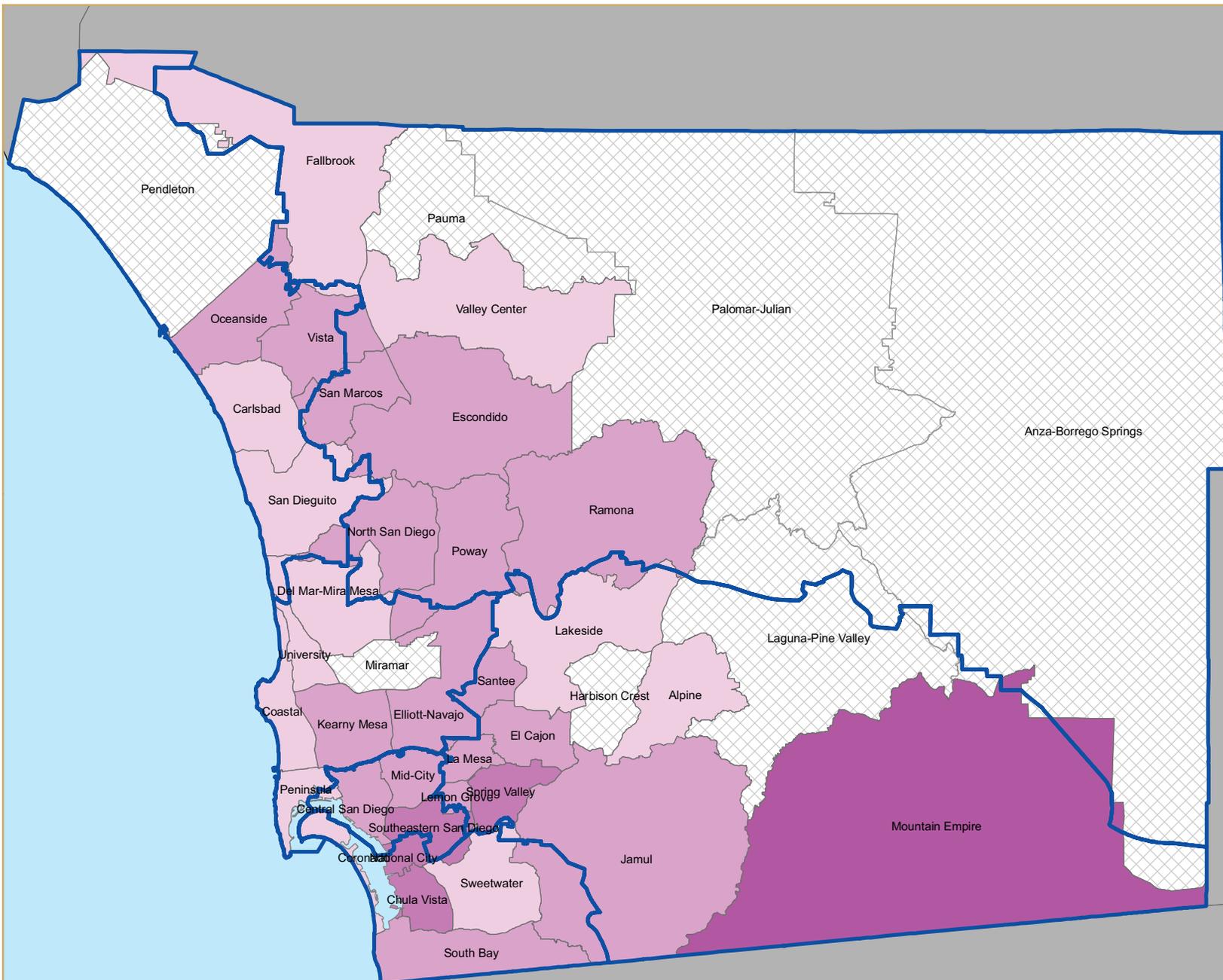
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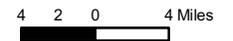
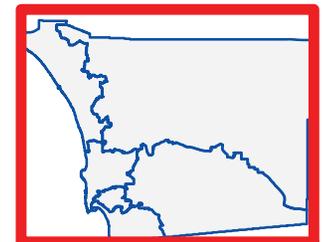
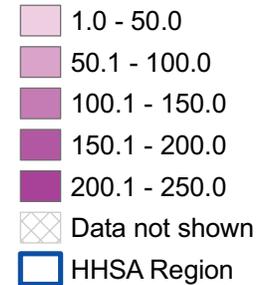
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Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2007



* Rates per 100,000 population.

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

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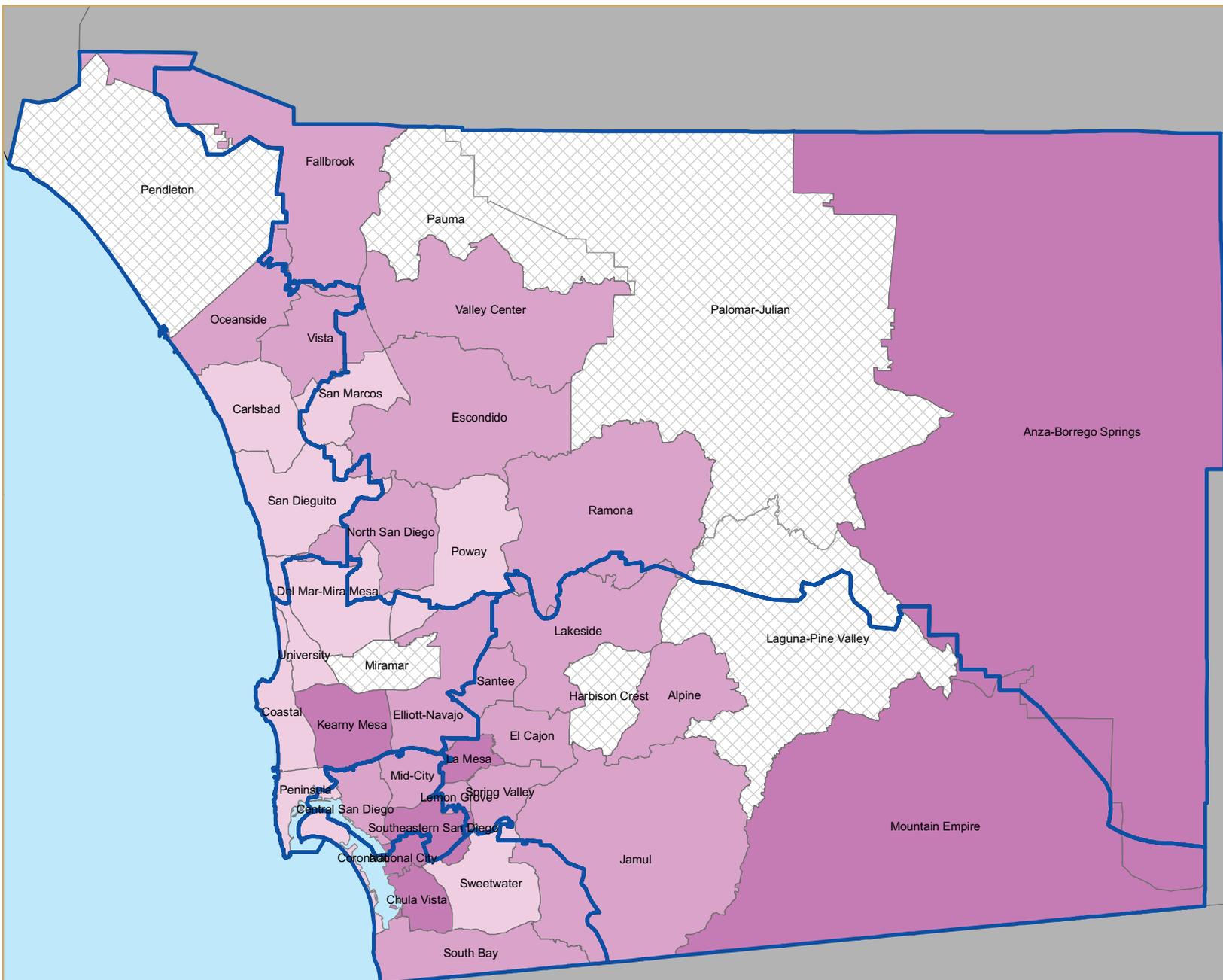
Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

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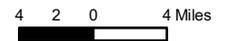
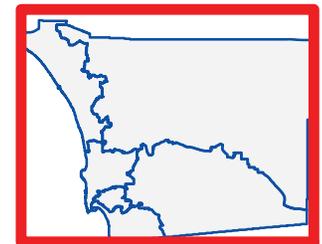
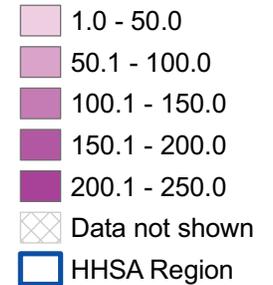
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NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
 D_North_American_1983, Foot_US

Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma Hosp Rates, 2008



* Rates per 100,000 population.

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

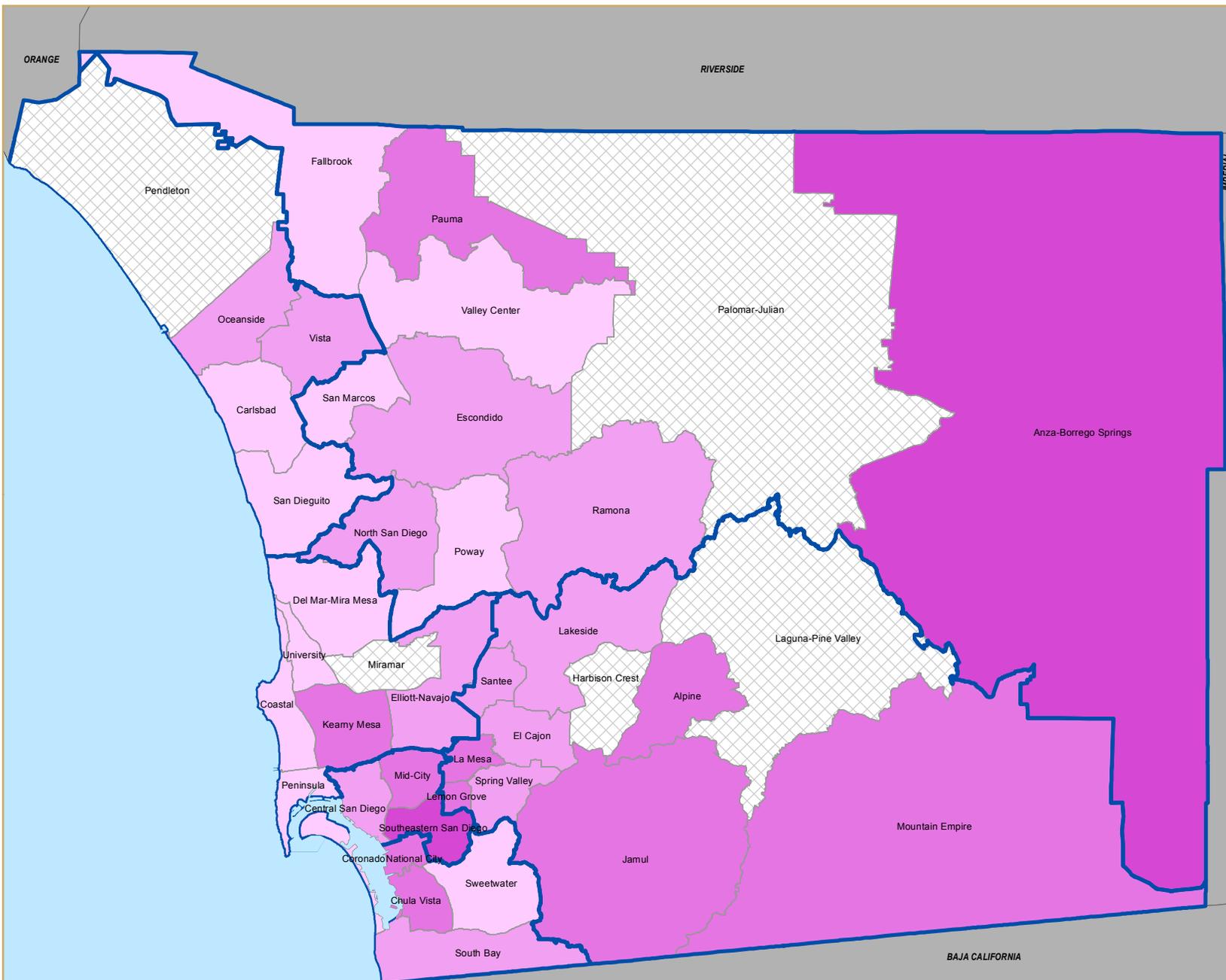
§ Rates not calculated for fewer than 5 events. Rates not calculated in cases where zip code is unknown or outside San Diego County.

Source: Hospital Discharge Data, (CA OSHPD), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.

Map Date: September, 2010
 Contact: Isabel Corcos or Leslie Ray,
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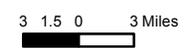
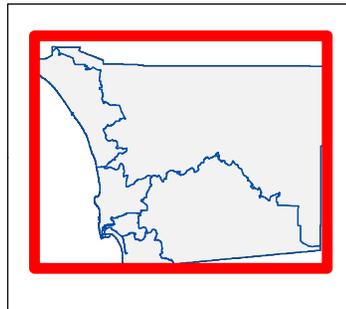
NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
 D_North_American_1983, Foot_US



Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County

Asthma Hosp Rates, 2009

- 1.0 - 50.0
- 50.1 - 100.0
- 100.1 - 150.0
- 150.1 - 200.0
- 200.1 - 250.0
- Data not shown
- Region



COUNTY OF SAN DIEGO
HHSA
 HEALTH AND HUMAN SERVICES AGENCY



* Rates per 100,000 population.

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

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

Source: Hospital 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, 04/2012.

Map Date: June, 2012
 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, Foot_US

**Asthma Emergency Department Discharge Rates
Among San Diego County Residents
by Subregional Area**

Maps by Year:

2006

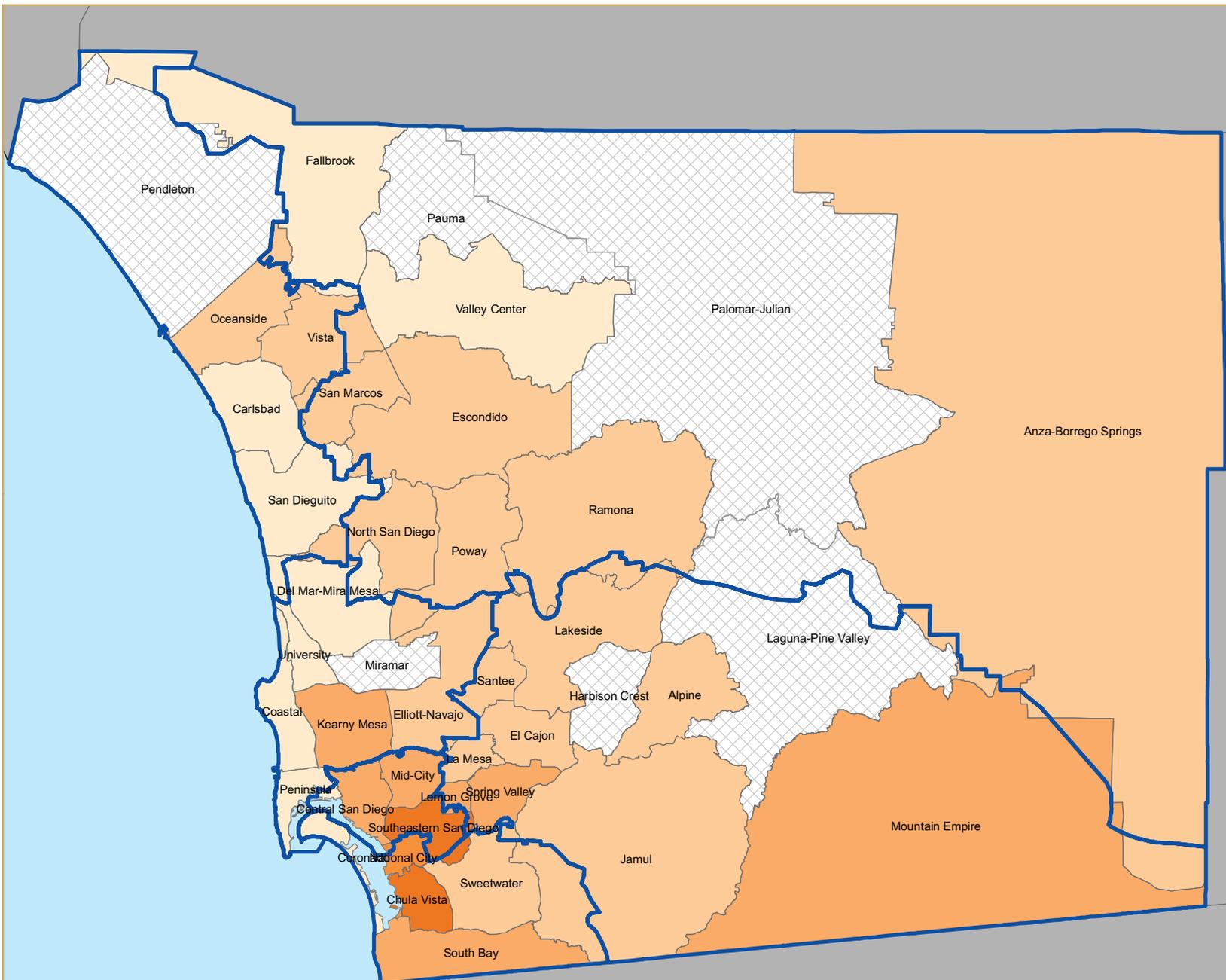
2007

2008

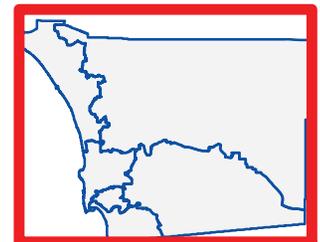
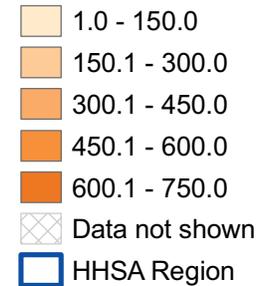
2009

Note: ED Discharge data is a new database. 2006 is first year of available data.

Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County



Asthma ED Rates, 2006



Map Date: September, 2010
 Contact: Isabel Corcos or Leslie Ray,
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NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
 D_North_American_1983, Foot_US

* Rates per 100,000 population.

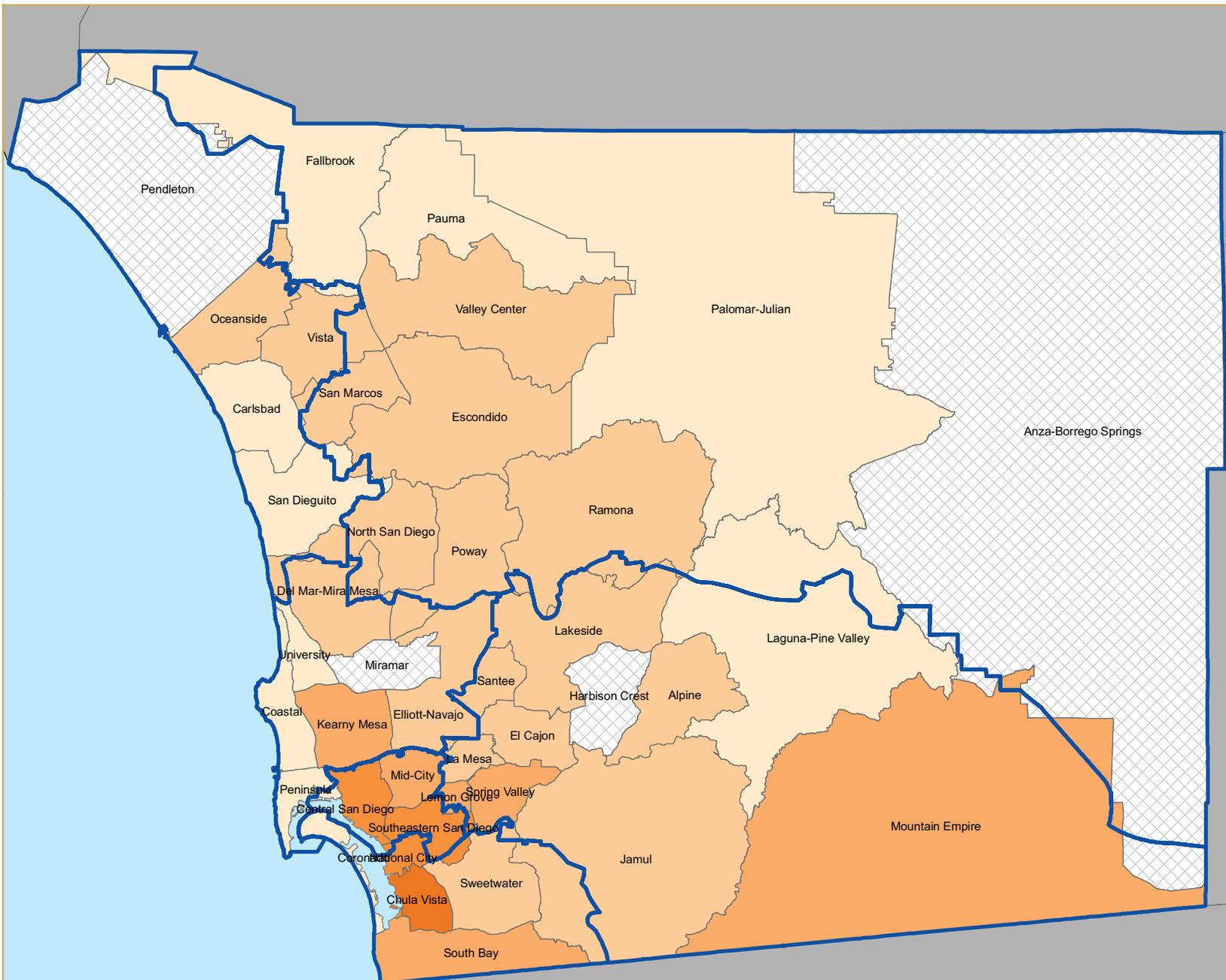
† Asthma emergency department visit refers to (principal diagnosis) ICD-9 code 493.

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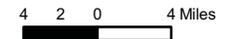
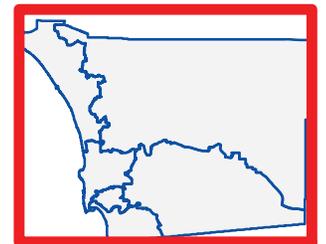
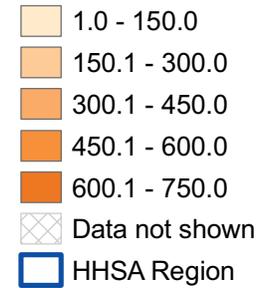
Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.

Chronic Disease Outcome Rates
by Subregional Area (SRA)
in San Diego County



Asthma ED Rates, 2007



Map Date: September, 2010
Contact: Isabel Corcos or Leslie Ray,
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619.285.6429

NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
D_North_American_1983, Foot_US

* Rates per 100,000 population.

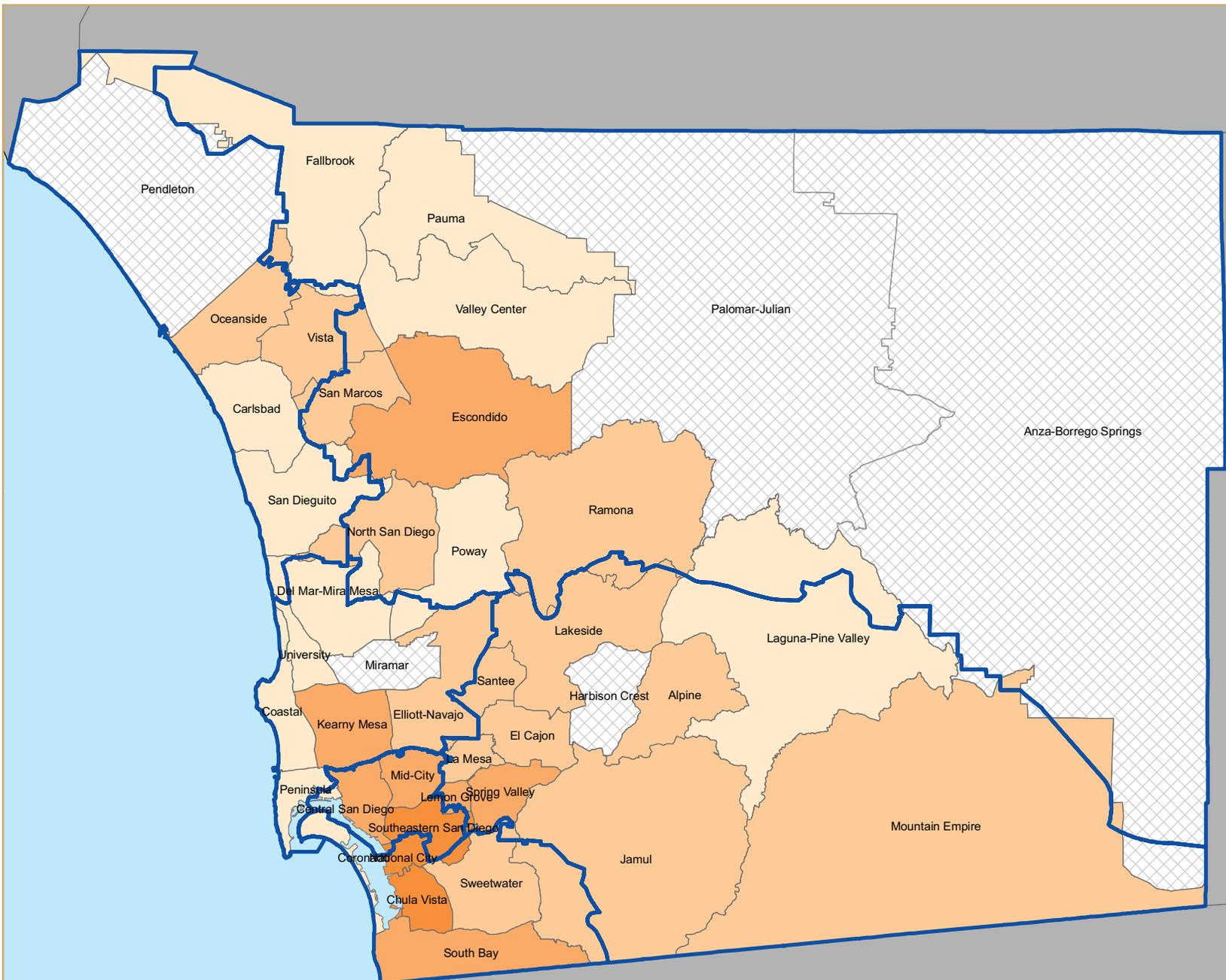
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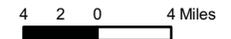
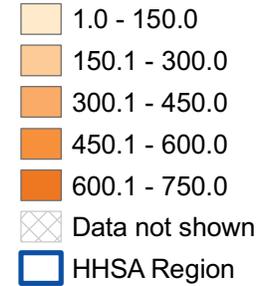
Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.

Chronic Disease Outcome Rates
by Subregional Area (SRA)
in San Diego County



Asthma ED Rates, 2008



Map Date: September, 2010
Contact: Isabel Corcos or Leslie Ray,
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619.285.6429

NAD_1983_StatePlane_California_VI_FIPS_0406_Feet,
D_North_American_1983, Foot_US

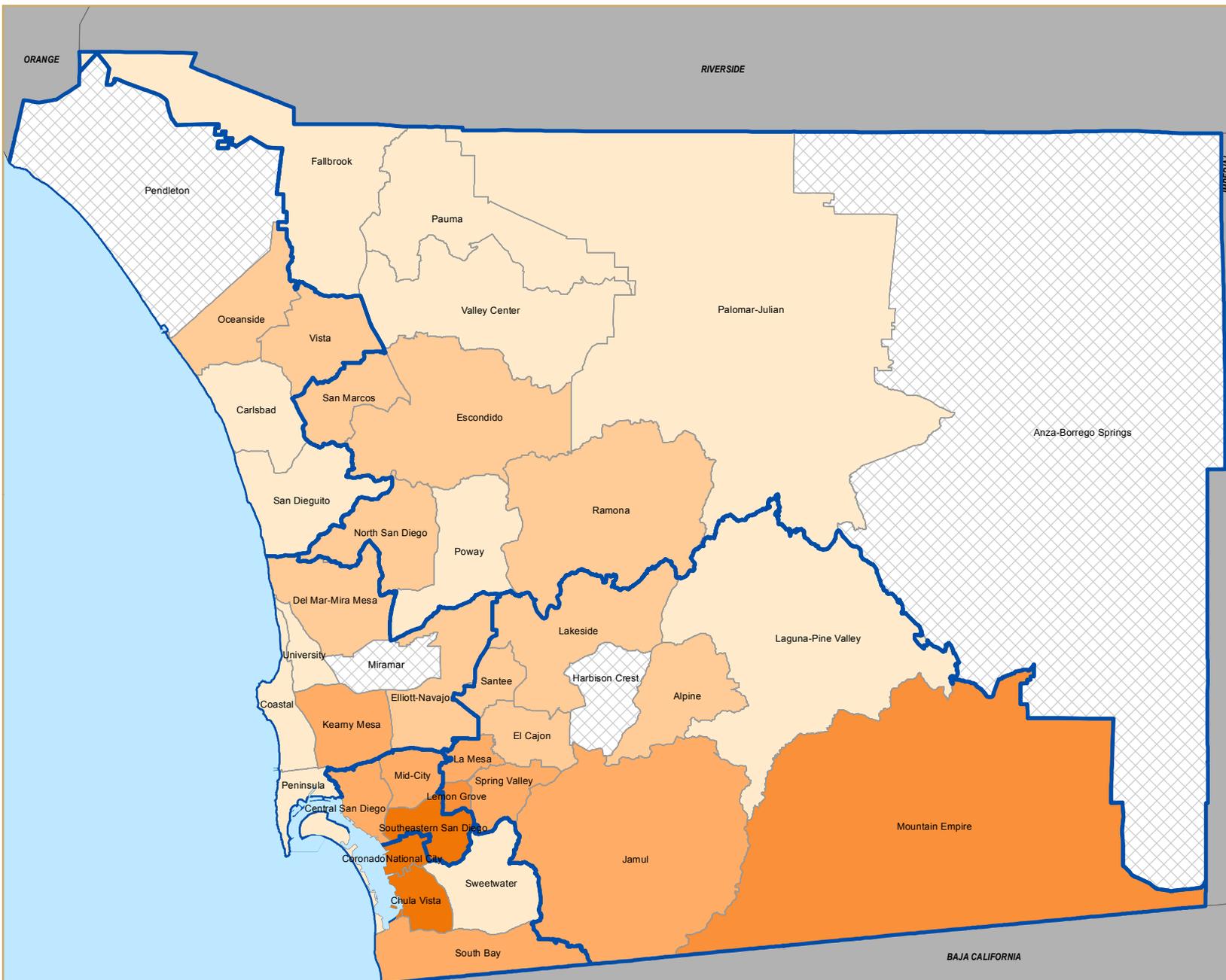
* Rates per 100,000 population.

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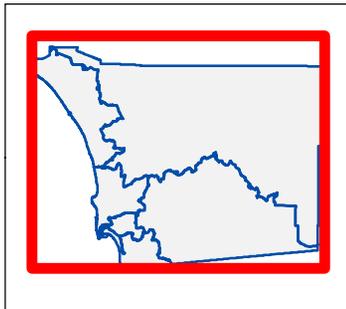
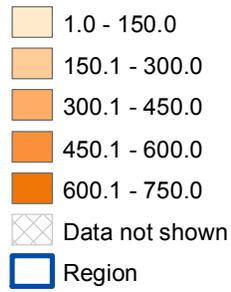
Source: HASD&IC, CHIP, County of San Diego, Health & Human Services Agency, Emergency Medical Services, Emergency Department Database; SANDAG, Current Population Estimates, 4/24/2009.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS), Community Health Statistics, 9/10/2010.



Chronic Disease Outcome Rates by Subregional Area (SRA) in San Diego County

Asthma ED Rates, 2009



* Rates per 100,000 population.

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

§ 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, 04/2012

Map Date: June, 2012
 Contact: Isabel Corcos or Leslie Ray,
 County of San Diego Emergency Medical Services
 619.285.6429

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San Diego County Board of Supervisors



Greg Cox
District One



Dianne Jacob
District Two



Pam Slater-Price
District Three



Ron Roberts
District Four



Bill Horn
District Five

Chief Administrative Officer
Walter F. Ekard

Assistant Chief Administrative Officer
Helen Robbins-Meyer

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