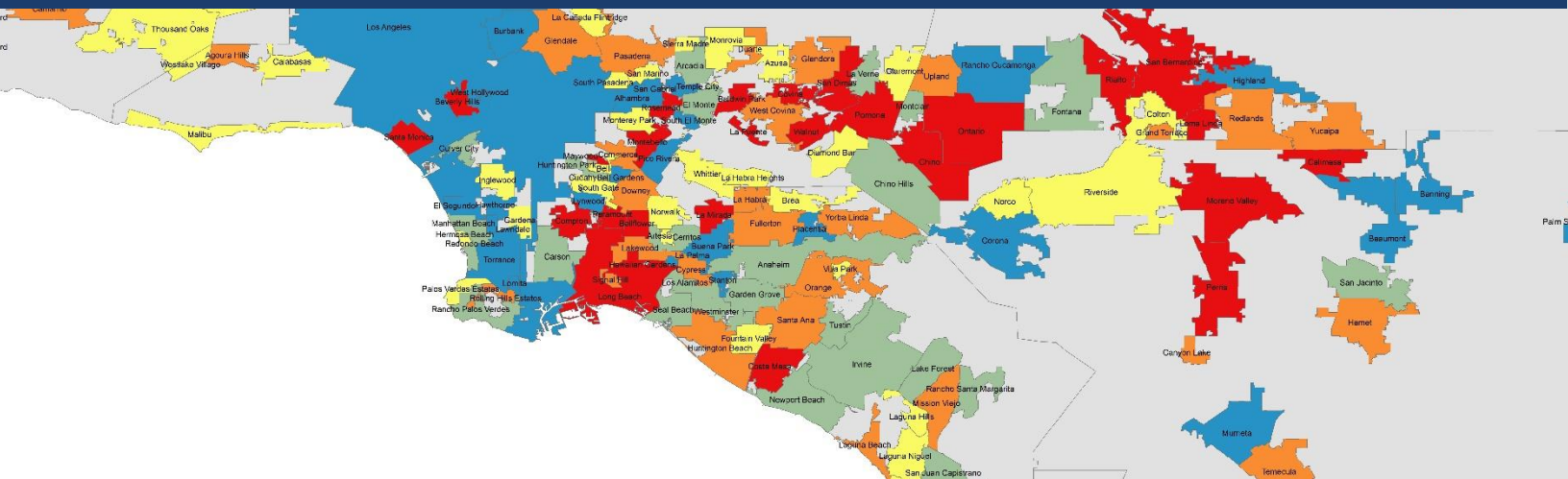


UCI Irvine Laboratory for the Study of Space and Crime

Southern California Crime Report 2018



Presented by the UCI Irvine Lab for the Study of Space and Crime
(ILSSC)

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ABOUT THE IRVINE LAB FOR THE STUDY OF SPACE AND CRIME (ILSSC)

The Irvine Laboratory for the Study of Space and Crime (ILSSC) in the Department of Criminology, Law and Society at the University of California, Irvine is dedicated to researching the social ecology of crime at all levels of analysis including street segments, blocks, neighborhoods, cities, counties, and metropolitan areas. Together with our collaborators and community partners, our team seeks to generate high quality scientific research on the space-crime nexus, and to foster intellectual exchange among faculty, graduate students, and undergraduate students at the University of California, Irvine, as well as members of the larger community. The team studies: 1) *Foundational issues*, including the dynamics of urban crime, the micro-environment of crime, and the role of local institutional resources for fighting crime; 2) *Enduring challenges*, including inequality, concentrated poverty and concentrated affluence, urban processes such as economic redevelopment and gentrification, and trends in immigration and other demographic population shifts; 3) *Contemporary challenges*, including the housing crisis and foreclosures, the spatial clustering of multiple social problems, and the continuous cycling of offenders in and out of prison and on and off of supervision. The ILSSC is a subsidiary of the Metropolitan Futures Initiative (MFI).



Table of Contents

| | |
|---|----|
| Executive Summary..... | v |
| Chapter 1. Introduction | 1 |
| Methodology..... | 1 |
| Chapter 2. Violent and property crime | 3 |
| Top 10 cities with cities with highest violent or property crime rates in 2016 | 3 |
| Top 10 cities with highest violent and property crime rates averaged over 2014-2016..... | 5 |
| Top 10 cities with lowest violent or property crime rates in 2016..... | 8 |
| Top 10 cities with lowest violent and property crime rates averaged over 2014-2016..... | 9 |
| Adjusted Crime rates based on city characteristics | 12 |
| Top 10 cities with highest adjusted violent or property crime rates in 2016..... | 12 |
| Top 10 cities with highest adjusted violent and property crime rates averaged over 2014-2016..... | 14 |
| Top 10 cities with lowest adjusted violent or property crime rates in 2016..... | 15 |
| Top 10 cities with lowest adjusted violent and property crime rates averaged over 2014-2016..... | 16 |
| Chapter 3. Change in Violent and Property Crime in last 10 years..... | 18 |
| Top 10 cities with biggest increases in violent crime in last 1, 5, and 10 years..... | 18 |
| Top 10 cities with biggest increases in property crime in last 1, 5, and 10 years..... | 22 |
| Top 10 cities with biggest decreases in violent crime in last 1, 5, and 10 years..... | 26 |
| Top 10 cities with biggest decreases in property crime in last 1, 5, and 10 years | 28 |
| Chapter 4. Violent and Property Crime long-term change and projections | 30 |
| Changes since 1990 in violent and property crime for U.S. cities | 30 |
| Projections of violent and property crime for 2018 | 31 |
| County-level changes in violent and property crime | 31 |
| Appendix | 33 |
| Los Angeles County | 34 |
| Orange County | 48 |
| Riverside County | 55 |
| San Bernardino County | 61 |
| San Diego County | 67 |
| Ventura County..... | 73 |



Executive Summary

Cities with the highest violent and property crime rates in 2016 tend to be in the Counties of Los Angeles and San Bernardino. The highest violent crime rate is in Barstow, which has a rate of violence 331% higher than the national average. And, the highest property crime rate is in Commerce, which has 269% more property crimes than a typical U.S. city.

Cities with the lowest violent and property crime rates tend to be in counties across the Southern California region. Palos Verdes Estates in Los Angeles County has the lowest violent crime rate, and the City of Imperial has the lowest property crime rate.

In the last year, a diverse mix of cities from counties across the Southern California region saw large decreases in violent and property crime rates. The city of Fillmore in Ventura County witnessed the largest decrease in violent crime, while the City of Orange saw the largest decrease in property crime rates.

In the last year, Needles experienced the largest increase in crimes against persons, and La Habra Heights experienced the largest increase in crimes against property. However, these seem to be minor blips in crime rates for these particular cities, given that neither is among the top 10 cities with the largest increases in violent and property crime rates over a longer time period, say the last 5 or 10 years. It does not follow that short-term increases in crime are indicative of more long-term trends in crime rates.

The largest increases in violent crime in the last 5 years and the last 10 years have overwhelmingly taken place in cities in Los Angeles County, although long-term decreases in violent crime rates are taking root across cities in virtually all counties within the Southern California region. Four of the top 10 cities going through more long-term decreases in violence are in the County of Los Angeles. Still, the city going through the largest decrease in violence in the last 10 years is in Riverside County: Lake Elsinore.

Among the cities with more long-term increases in property crime, only six cities (i.e., Murrieta, Commerce, Palmdale, Pomona, El Segundo, and Long Beach) have witnessed the largest increases in property crime in the last 5 years *and* the last 10 years. It does not follow that sizeable, and more durable, increases in levels of property crime characterize crime trends for the Southern California region as a whole.

Although a diverse mix of Southern California cities are undergoing more long-term decreases in crimes against property, the majority of these cities are from the Inland Empire. Indeed, the city of Lake Elsinore in the County of Riverside has seen the largest decrease in property crime rates over the last 10 years, going from almost 50% above to almost 25% below the national average in property crime.



Our forecast model projects an average decrease in violent crime across cities of 17% in 2018, and 6% for property crime. Our forecast model also projects violence decreasing in 87% of cities in the region, and property crime decreasing in 71% of the cities in the region.



Chapter 1. Introduction

This is the fourth annual *Southern California Crime Report (SCCR)*. In the SCCR, we use data from the FBI's Uniform Crime Reporting (UCR) program to describe the level of crime in cities located in the Southern California region in 2016. It is well-known that these data underestimate the actual amount of crime. This occurs because some crime events are not reported by citizens or detected by the police. The crime data can also be inaccurate if the police classify some non-crime events as crimes, or if they code some crime events as non-crimes. Despite these limitations, UCR data is generally recognized as the best data source available for tracking crime trends in U.S. cities.

In our report, we examine the six most serious types of crime: homicide; aggravated assault; robbery; burglary; motor vehicle theft; and larceny.¹ For the analysis, we analyzed the level of crime for all cities in the region with a population size of at least 4,000. We use this value given that cities with very small populations can have excessive crime rates even with very few crime events. The Southern California region is an area that includes 196 cities in the following counties: 1) Los Angeles; 2) Orange; 3) Riverside; 4) San Bernardino; 5) San Diego; 6) Ventura; 7) Imperial. The region contains 21.7 million people.

We present results for cities with the top 10 levels of each crime type, cities with the bottom 10 levels of each crime type, and the top 10 increases and top 10 decreases in each crime type. The last part of the report presents results for each county one at a time.

Methodology

Throughout the SCCR, we have standardized crime rates to compare crime rates for cities within the Southern California region to the average level of crime for U.S. cities with a population size above 25,000. We refer to these as *standardized crime rates*. We first compute *crime rates* by dividing the number of crimes by the most recent estimate of the population in the city. We standardize this value, and therefore a city that has a crime rate at the average value for the nation will have a standardized crime rate value of 100. Cities with standardized crime rates greater than 100 are cities with crime rates greater than the national average; likewise, cities with standardized crime rates less than 100 are cities with crime rates that are below the average for U.S. cities. For example, a city with a value of 150 for the standardized aggravated assault rate measure has 50% more aggravated assaults than the average U.S. city in that year. And a city with a value of 60 has an aggravated assault rate that is only 60% as large as

¹ We do not include rape in the analyses. Definitional differences, as well as policy differences, can lead to differences in the reported level of rapes across cities that do not represent true differences in the level of this type of crime. Other crimes are less dependent on such reporting decisions.

that of the national average (or, we might say their aggravated assault rate is 40% less than the average for cities in the U.S.). Violent crime combines aggravated assaults, robberies, and homicides. Property crime combines burglaries, motor vehicle thefts, and larcenies.

In several analyses in the report, we computed the crime rate *averaged over a 3-year period* (2014-16). This is done to smooth out possible random year-to-year fluctuations in crime that might occur. While some year-to-year changes in crime reflect true change in the city, others can be due to idiosyncratic events in a particular year. These 3-year moving averages adjust for these fluctuations.

For computing the change in overall violent or property crime rates, we compute the difference in these *standardized* crime rates.

Like last year's SSCR, we have a section (part of Chapter 2) that adjusts crime rates based on the socio-demographic characteristics of the city. Thus, these rankings adjust the level of crime based on certain demographic characteristics that criminologists are well aware link to levels of crime in cities. These adjusted values show the level of crime beyond what might be expected for a city with the socio-demographic characteristics of the particular city.

And, like last year, we have a section that forecasts the expected violent and property crime rate for the cities in Southern California. We used a statistical model that allows us to forecast the level of violent crime and property crime in the Southern California cities next year (2018). Our statistical models take into account the level of crime in these cities over the last 15 years, and how it has been changing, to forecast how much violent and property crime there will be in these cities next year. We assessed the quality of our model using crime data from 1970 to 2010, and found that the average correlation between our projection of the property crime rate and the actual property crime rate was .89 over these prior years. The average correlation of our violent crime projection with the actual level was .95 over these prior years. Thus, our model appears to do a reasonable job projecting crime levels forward in time. Nonetheless, we caution the reader that the forecasts for individual cities are simply predictions and estimates.

Chapter 2. Violent and property crime

Top 10 cities with cities with highest violent or property crime rates in 2016

In 2016, the highest violent crime rate was in Barstow. The *standardized* violent crime rate of 431 indicates that whereas a typical U.S. city had a violent crime rate of 100, Barstow's rate was 331% higher than the average level of violence nationally ($431 - 100 = 331$).

San Bernardino has the second highest violent crime rate, 278% higher than the average U.S. city. Nine of the ten top violent cities in the Southern California region are either in Los Angeles or San Bernardino County. None of the top ten violent cities are located in Orange County, Imperial County, or Ventura County. In the tables we display the population of each city to give a sense of the city size.

Commerce has the highest property crime rate in 2016, with 269% more property crime than a typical U.S. city. The cities with the highest property crime rates come from four of the six counties in the region. Three cities appear in the top 10 list for both violent and property crime: Barstow, Commerce, and West Hollywood.

Below we present maps showing which cities have the highest or lowest standardized violent or property crime rates (averaged from 2014-16). In these maps, the cities with the highest crime rates are shown in red, the second highest are in orange, the third highest are in yellow, those with the second lowest are shown in green, and those with the lowest are shown in blue.



Top 10 cities with highest violent crime rate, 2016

| | City | County | Violent crime | Population |
|----|--------------------|----------------|---------------|------------|
| 1 | BARSTOW | San Bernardino | 441.6 | 23894 |
| 2 | SAN BERNARDINO | San Bernardino | 387.1 | 217303 |
| 3 | COMPTON | Los Angeles | 333.8 | 98861 |
| 4 | COMMERCE | Los Angeles | 289.4 | 13128 |
| 5 | NEEDLES | San Bernardino | 274.2 | 5010 |
| 6 | ADELANTO | San Bernardino | 241.0 | 33479 |
| 7 | DESERT HOT SPRINGS | Riverside | 230.2 | 28573 |
| 8 | HUNTINGTON PARK | Los Angeles | 226.7 | 59692 |
| 9 | WEST HOLLYWOOD | Los Angeles | 219.7 | 36594 |
| 10 | INGLEWOOD | Los Angeles | 216.5 | 112059 |

Top 10 cities with highest property crime rate, 2016

| | City | County | Property crime | Population |
|----|------------------|----------------|----------------|------------|
| 1 | COMMERCE | Los Angeles | 375.6 | 13128 |
| 2 | SIGNAL HILL | Los Angeles | 295.5 | 11677 |
| 3 | SANTE FE SPRINGS | Los Angeles | 259.4 | 18401 |
| 4 | PALM SPRINGS | Riverside | 231.7 | 47909 |
| 5 | EL CENTRO | Imperial | 211.0 | 44213 |
| 6 | CULVER CITY | Los Angeles | 208.2 | 39880 |
| 7 | BARSTOW | San Bernardino | 191.7 | 23894 |
| 8 | CERRITOS | Los Angeles | 182.0 | 50159 |
| 9 | MONTCLAIR | San Bernardino | 176.7 | 39085 |
| 10 | WEST HOLLYWOOD | Los Angeles | 176.4 | 36594 |

Top 10 cities with highest violent and property crime rates averaged over 2014-2016

These lists show the cities with the highest crime rates, averaged over the last three years (2014-16). This takes into account unusual yearly fluctuations. This list shows that Compton has the highest violent crime rate, with 408% more violent crime events than the typical U.S. city over the last three years.

Murrieta has the highest average property crime rate over the last three years (nearly 550% more property crime than the average city in the nation), as well as one of the higher violent crime rates.

Top 10 cities with highest violent crime rate (based on average over 2014-2016)

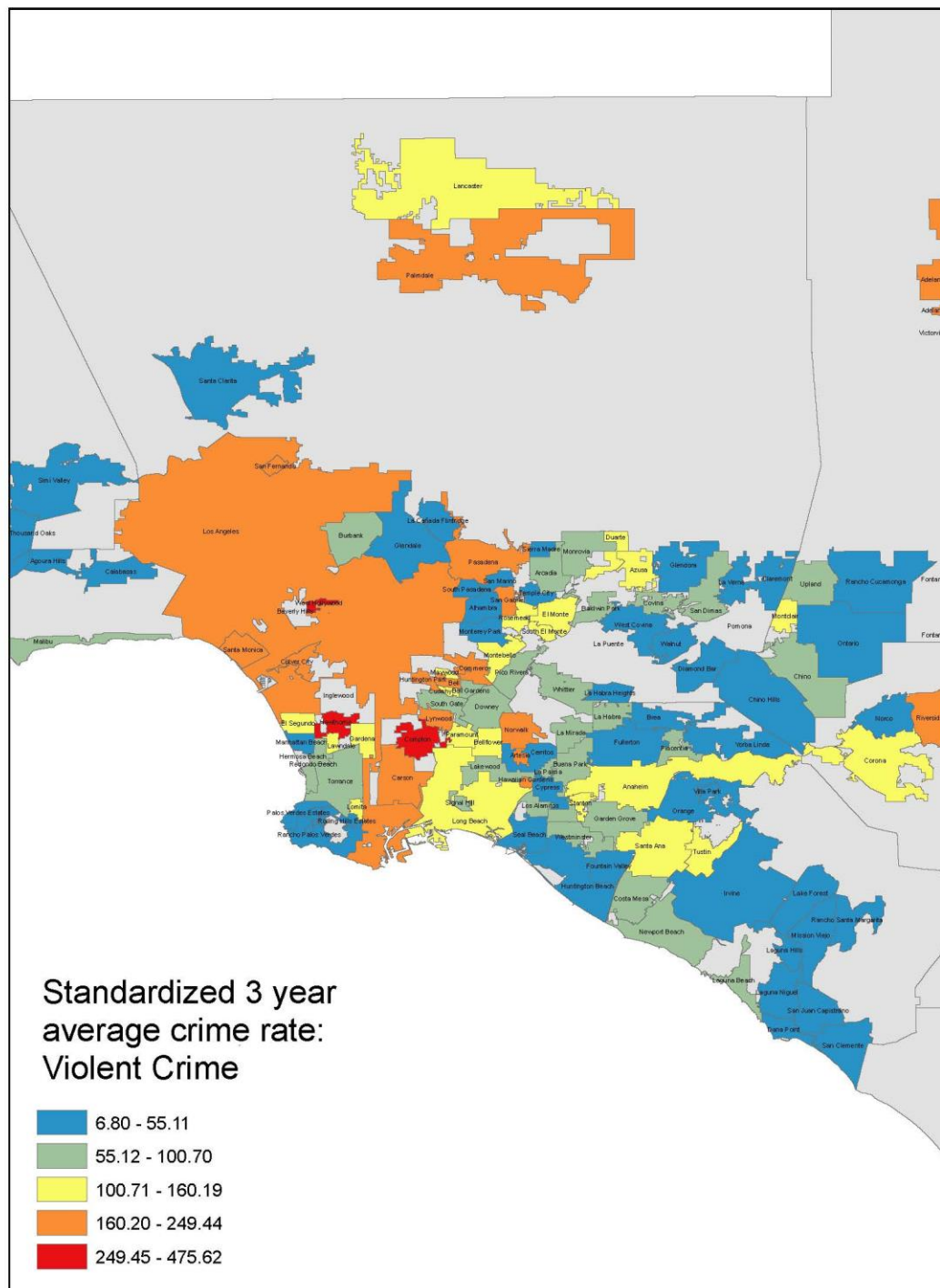
| | City | County | Violent crime | Population |
|----|----------------|----------------|---------------|------------|
| 1 | COMMERCE | Los Angeles | 539.4 | 13128 |
| 2 | SAN BERNARDINO | San Bernardino | 462.0 | 217303 |
| 3 | COMPTON | Los Angeles | 360.4 | 98861 |
| 4 | NEEDLES | San Bernardino | 356.2 | 5010 |
| 5 | GARDENA | Los Angeles | 353.5 | 60770 |
| 6 | LONG BEACH | Los Angeles | 350.5 | 476476 |
| 7 | PALMDALE | Los Angeles | 313.7 | 159441 |
| 8 | WEST HOLLYWOOD | Los Angeles | 300.1 | 36594 |
| 9 | NATIONAL CITY | San Diego | 299.0 | 61550 |
| 10 | ADELANTO | San Bernardino | 294.8 | 33479 |

Top 10 cities with highest property crime rate (based on average over 2014-2016)

| | City | County | Property crime | Population |
|----|------------------|----------------|----------------|------------|
| 1 | COMMERCE | Los Angeles | 330.8 | 13128 |
| 2 | CERRITOS | Los Angeles | 261.2 | 50159 |
| 3 | PERRIS | Riverside | 245.4 | 76260 |
| 4 | SAN BERNARDINO | San Bernardino | 244.9 | 217303 |
| 5 | SANTE FE SPRINGS | Los Angeles | 244.9 | 18401 |
| 6 | MONTCLAIR | San Bernardino | 219.6 | 39085 |
| 7 | CALEXICO | Imperial | 202.4 | 40336 |
| 8 | EL CENTRO | Imperial | 194.7 | 44213 |
| 9 | PALM SPRINGS | Riverside | 194.6 | 47909 |
| 10 | SIGNAL HILL | Los Angeles | 194.2 | 11677 |



Figure 1. Average adjusted violent crime rate (2014-16) for Southern California cities



Top 10 cities with lowest violent or property crime rates in 2016

These lists show the 10 cities with the lowest violent or property crime in 2016. Palos Verdes Estates in Los Angeles County has the lowest violent crime rate (just 8.3% as high as the average city in the nation). Other Los Angeles County cities also have very low violent crime rates: Calabasas, Rancho Palos Verdes, and La Canada Flintridge. Several Orange County cities have very low violent crime rates, as well: Irvine, Aliso Viejo, Yorba Linda, and Villa Park.

Imperial has the lowest property crime rate in 2016. Like Imperial, several cities are among the lowest in both violent and property crime: Palos Verdes Estates, Aliso Viejo, and Rancho Palos Verdes.

Irvine is the only city with more than 200,000 population on these lists.

Top 10 cities with lowest violent crime rate, 2016

| | City | County | Violent crime | Population |
|----|----------------------|-------------|---------------|------------|
| 1 | PALOS VERDES ESTATES | Los Angeles | 8.5 | 13730 |
| 2 | IMPERIAL | Imperial | 11.6 | 17582 |
| 3 | MURRIETA | Riverside | 12.9 | 111043 |
| 4 | IRVINE | Orange | 16.7 | 266663 |
| 5 | ALISO VIEJO | Orange | 16.8 | 50604 |
| 6 | YORBA LINDA | Orange | 17.4 | 68702 |
| 7 | CALABASAS | Los Angeles | 17.9 | 24492 |
| 8 | RANCHO PALOS VERDES | Los Angeles | 18.4 | 42947 |
| 9 | LA CANADA FLINTRIDGE | Los Angeles | 18.4 | 20659 |
| 10 | VILLA PARK | Orange | 19.5 | 5991 |

Top 10 cities with lowest property crime rate, 2016

| | City | County | Property crime | Population |
|----|------------------------|-------------|----------------|------------|
| 1 | IMPERIAL | Imperial | 16.7 | 17582 |
| 2 | RANCHO SANTA MARGARITA | Orange | 21.7 | 49606 |
| 3 | FILLMORE | Ventura | 25.8 | 15653 |
| 4 | PALOS VERDES ESTATES | Los Angeles | 32.6 | 13730 |
| 5 | ALISO VIEJO | Orange | 32.7 | 50604 |
| 6 | MOORPARK | Ventura | 32.8 | 36423 |
| 7 | OJAI | Ventura | 33.2 | 7658 |
| 8 | LAKE FOREST | Orange | 36.0 | 83511 |
| 9 | POWAY | San Diego | 36.2 | 50606 |
| 10 | RANCHO PALOS VERDES | Los Angeles | 39.1 | 42947 |

Top 10 cities with lowest violent and property crime rates averaged over 2014-2016

These lists show the cities with the lowest violent and property crime rates averaged over the last three years. Aliso Viejo in Orange County has the lowest violent crime rate. The city of Rancho Santa Margarita has the lowest property crime rate over the last three years.

Four cities are among the lowest in both violent and property crime: Aliso Viejo, Calabasas, Chino Hills, and Rancho Santa Margarita. Irvine is the largest city on these lists and the only one with more than 200,000 population.

Top 10 cities with lowest violent crime rate (based on average over 2014-2016)

| | City | County | Violent crime | Population |
|----|----------------------|----------------|---------------|------------|
| 1 | MURRIETA | Riverside | 12.1 | 111043 |
| 2 | ALISO VIEJO | Orange | 15.7 | 50604 |
| 3 | YORBA LINDA | Orange | 19.1 | 68702 |
| 4 | SAN MARINO | Los Angeles | 19.9 | 13528 |
| 5 | VILLA PARK | Orange | 20.2 | 5991 |
| 6 | RANCHO PALOS VERDES | Los Angeles | 21.7 | 42947 |
| 7 | IRVINE | Orange | 22.1 | 266663 |
| 8 | LA CANADA FLINTRIDGE | Los Angeles | 23.2 | 20659 |
| 9 | PALOS VERDES ESTATES | Los Angeles | 24.6 | 13730 |
| 10 | CHINO HILLS | San Bernardino | 25.3 | 78990 |

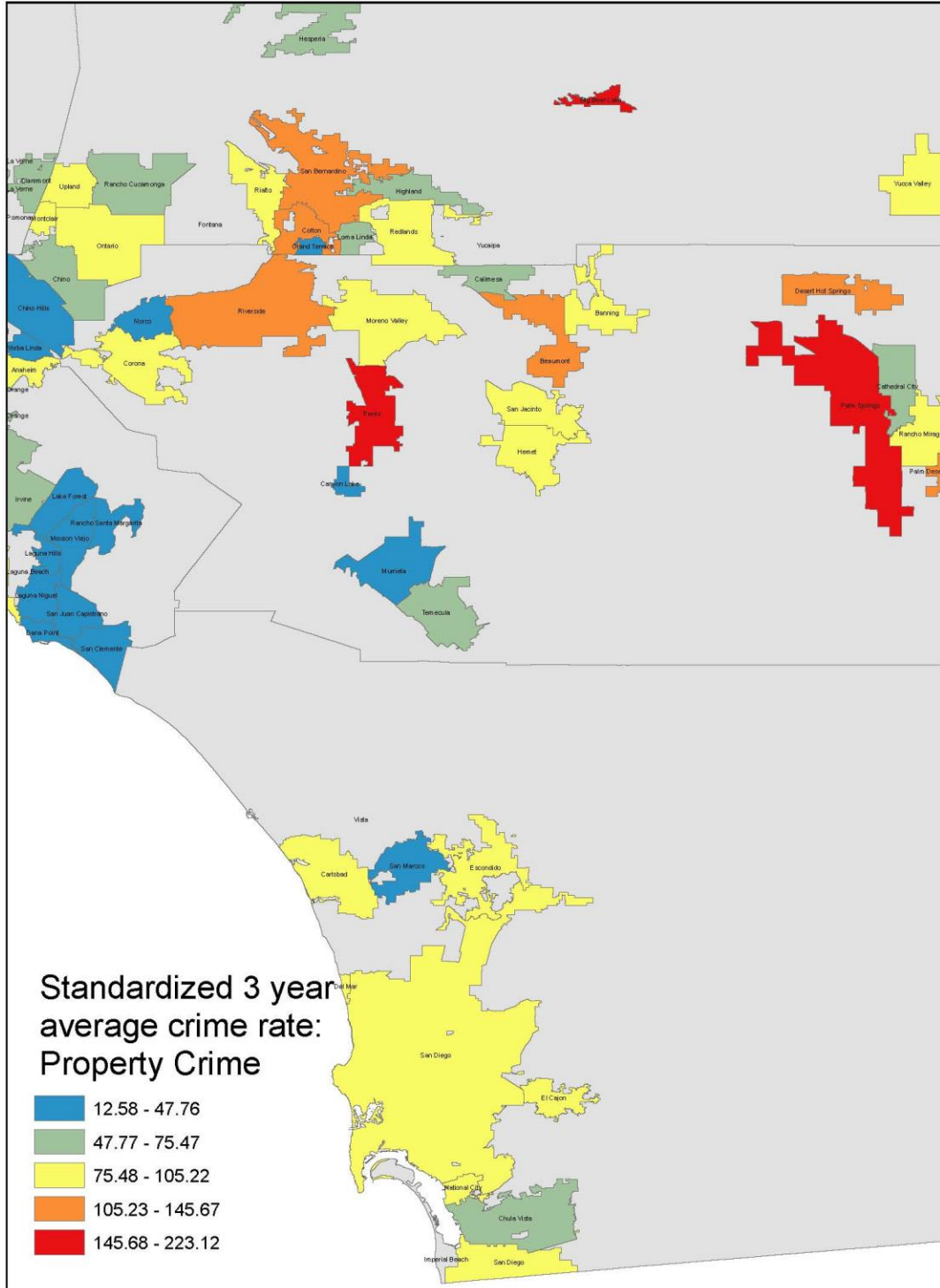
Top 10 cities with lowest property crime rate (based on average over 2014-2016)

| | City | County | Property crime | Population |
|----|------------------------|-------------|----------------|------------|
| 1 | RANCHO SANTA MARGARITA | Orange | 14.9 | 49606 |
| 2 | ALISO VIEJO | Orange | 22.5 | 50604 |
| 3 | CALABASAS | Los Angeles | 25.1 | 24492 |
| 4 | RANCHO PALOS VERDES | Los Angeles | 30.5 | 42947 |
| 5 | SAN MARCOS | San Diego | 33.5 | 94840 |
| 6 | YORBA LINDA | Orange | 35.5 | 68702 |
| 7 | THOUSAND OAKS | Ventura | 36.1 | 129853 |
| 8 | SAN CLEMENTE | Orange | 36.3 | 65915 |
| 9 | POWAY | San Diego | 36.4 | 50606 |
| 10 | VILLA PARK | Orange | 36.6 | 5991 |



The logo for the Irvine Laboratory ILSSC (Institute for Law, Science, & Society & Crime) is located in the bottom right corner. It features a circular design with a yellow starburst in the center. The text "Irvine Laboratory" is curved along the top, "ILSSC" is in the center, and "Institute for Law, Science, & Society & Crime" is curved along the bottom.





Adjusted Crime rates based on city characteristics

In this section we adjust these crime rates for the characteristics of the city. Criminologists are well-aware that cities with certain characteristics typically have higher rates of crime. For example, cities with high levels of poverty tend to have higher rates of crime. Therefore, in this section we adjust the level of crime in the city for a number of these characteristics.

Specifically, we adjust for the following city-level characteristics: 1) percent aged 16 to 29 (the most crime-prone population); 2) racial/ethnic composition (percent Asian, percent black, percent Latino, and the level of racial/ethnic heterogeneity); 3) percent immigrants; 4) average household income; 5) level of income inequality; 6) unemployment rate; 7) percent aged 16 to 19 who are drop outs from school; 8) residential stability (the average length of residence for renters, and for owners); 9) percent vacant units; 10) ratio of adults to children (a measure of social control); 11) population density of the city; 12) population of the city; 13) average age of the housing stock.

We are therefore adjusting the level of crime for these factors; this is somewhat analogous to adjusting school performance scores based on the demographic composition of the school. Thus, a city that is particularly advantaged based on these demographic characteristics, and yet has an average level of crime, would actually have a relatively high *adjusted* level of crime, given that the level of crime is higher than would be expected based on the city's demographic characteristics.

So we might refer to this as the *unexpected* level of crime. That is, these are cities that have either much higher levels of violent or property crime than we might have expected based on their socio-demographic characteristics, or much lower levels of violent or property crime than expected. Why cities might differ from what is expected could be due to many different reasons. We are not able to determine *why* these cities differ from expectations.

Top 10 cities with highest adjusted violent or property crime rates in 2016

There are notable differences between the list in this section and the earlier ones that did not adjust for the city characteristics. On the one hand, we earlier saw that San Bernardino has the second highest violent crime rate in the region. Yet, this list shows that when we adjust for the socio-demographic characteristics of San Bernardino that make it more vulnerable to violence, it in fact is not among the ten highest violent crime cities in the region. On the other hand, Barstow, which has the highest violent crime rate, is still among the highest violent crime cities even after taking into account the city's characteristics. The relatively affluent beach cities of Laguna Beach, Malibu, Hermosa Beach, and Del Mar have relatively high adjusted violent crime rates compared to what we would expect given the characteristics of these cities.



For property crime, we find similar patterns. Whereas El Centro has the fifth highest *unadjusted* property crime rate in the region, its level of property crime ranks as the highest in the region after adjusting for the city's socio-demographic characteristics. The relatively advantaged cities of Hermosa Beach and Del Mar have relatively high property crime rates after adjusting for city characteristics.

Top 10 cities with highest adjusted violent crime rate in 2016

| | City | County | Adjusted violent crime | Population |
|----|-----------------------|----------------|------------------------|------------|
| 1 | LAGUNA BEACH | Orange | 95.7 | 23486 |
| 2 | BARSTOW | San Bernardino | 90.1 | 23894 |
| 3 | ARTESIA | Los Angeles | 79.4 | 17049 |
| 4 | MALIBU | Los Angeles | 76.8 | 13030 |
| 5 | WESTLAKE VILLAGE | Los Angeles | 69.1 | 8547 |
| 6 | LA PALMA | Orange | 62.2 | 15975 |
| 7 | BREA | Orange | 61.7 | 42465 |
| 8 | HAWAIIAN GARDENS | Los Angeles | 57.9 | 14654 |
| 9 | YUCCA VALLEY | San Bernardino | 57.5 | 21774 |
| 10 | ROLLING HILLS ESTATES | Los Angeles | 54.8 | 8297 |

Top 10 cities with highest adjusted property crime rate in 2016

| | City | County | Adjusted property crime | Population |
|----|------------------|----------------|-------------------------|------------|
| 1 | EL CENTRO | Imperial | 97.0 | 44213 |
| 2 | OXNARD | Ventura | 71.4 | 209048 |
| 3 | DEL MAR | San Diego | 71.1 | 4388 |
| 4 | BARSTOW | San Bernardino | 69.6 | 23894 |
| 5 | VENTURA | Ventura | 66.0 | 110228 |
| 6 | COACHELLA | Riverside | 60.3 | 45402 |
| 7 | WESTLAKE VILLAGE | Los Angeles | 59.7 | 8547 |
| 8 | CALEXICO | Imperial | 57.8 | 40336 |
| 9 | REDLANDS | San Bernardino | 54.4 | 71485 |
| 10 | BREA | Orange | 51.4 | 42465 |

Top 10 cities with highest adjusted violent and property crime rates averaged over 2014-2016

When assessing the cities with the highest average crime rates over the last 3 years, we see that only two of the top ten cities from the unadjusted list appear on this list. After adjusting for the city composition, Murrieta and Hawaiian Gardens are still among the highest violent crime cities over the last three years.

Based on these adjusted rates, relatively advantaged cities such as Rolling Hills Estates and Beverly Hills have the highest unexpected average violent crime rates over the last three years. Beach communities such as Oceanside and Laguna Beach also appear on this list.

We see many of the same cities with the highest adjusted property crime rates, including Murrieta, Banning, and Beverly Hills. And, cities such as Commerce and San Bernardino, which ranked among the highest cities in the unadjusted property crime 3-year list, do not appear on this list.

Top 10 cities with highest adjusted violent crime rate (based on average over 2014-2016)

| | City | County | Adjusted violent crime | Population |
|----|-----------------------|-------------|------------------------|------------|
| 1 | LONG BEACH | Los Angeles | 88.9 | 476476 |
| 2 | LAGUNA BEACH | Orange | 86.5 | 23486 |
| 3 | DEL MAR | San Diego | 85.3 | 4388 |
| 4 | PALMDALE | Los Angeles | 83.4 | 159441 |
| 5 | CARLSBAD | San Diego | 80.6 | 115040 |
| 6 | ROLLING HILLS ESTATES | Los Angeles | 79.2 | 8297 |
| 7 | WEST HOLLYWOOD | Los Angeles | 78.5 | 36594 |
| 8 | HAWAIIAN GARDENS | Los Angeles | 74.4 | 14654 |
| 9 | OCEANSIDE | San Diego | 74.4 | 177340 |
| 10 | MANHATTAN BEACH | Los Angeles | 72.4 | 35955 |

Top 10 cities with highest adjusted property crime rate (based on average over 2014-2016)

| | City | County | Adjusted property crime | Population |
|----|-----------------|----------------|-------------------------|------------|
| 1 | LONG BEACH | Los Angeles | 86.3 | 476476 |
| 2 | DEL MAR | San Diego | 85.1 | 4388 |
| 3 | CERRITOS | Los Angeles | 81.4 | 50159 |
| 4 | PERRIS | Riverside | 75.3 | 76260 |
| 5 | SAN BERNARDINO | San Bernardino | 74.9 | 217303 |
| 6 | LAGUNA BEACH | Orange | 69.8 | 23486 |
| 7 | MANHATTAN BEACH | Los Angeles | 68.5 | 35955 |
| 8 | CARLSBAD | San Diego | 66.6 | 115040 |
| 9 | VENTURA | Ventura | 64.2 | 110228 |
| 10 | NEWPORT BEACH | Orange | 63.5 | 87482 |

Top 10 cities with lowest adjusted violent or property crime rates in 2016

While the cities of Imperial and Murrieta were among the top 5 in low unadjusted violent crime rates in 2016, they are now the top-two cities in low adjusted rates. However, cities such as Palos Verde Estates and Irvine do not appear on this list of lowest violent crime rates after adjusting for city characteristics.

The cities of South Pasadena and Coronado have the 3rd and 4th lowest violent crime rates, respectively, after adjusting for their city characteristics.

The cities of Imperial and Rancho Santa Margarita were among the top ten in lowest unadjusted property crime list and also appear here after adjusting for city characteristics. However, the cities of Palos Verdes Estates and Aliso Viejo were among the lowest unadjusted property crime rates, but do not appear on this list after adjusting for city characteristics. The cities of Twentynine Palms, Sierra Madre, Cudahy, San Juan Capistrano, Coronado, and Adelanto all appear on this list after not appearing on the list of lowest unadjusted property crime rates in 2016.

Top 10 cities with lowest adjusted violent crime rate in 2016

| | City | County | Adjusted violent crime | Population |
|----|----------------|-------------|------------------------|------------|
| 1 | IMPERIAL | Imperial | -115.2 | 17582 |
| 2 | MURRIETA | Riverside | -103.0 | 111043 |
| 3 | SOUTH PASADENA | Los Angeles | -87.2 | 26256 |
| 4 | CORONADO | San Diego | -82.2 | 24974 |
| 5 | SEAL BEACH | Orange | -76.0 | 24721 |
| 6 | INGLEWOOD | Los Angeles | -73.8 | 112059 |
| 7 | HOLTVILLE | Imperial | -71.3 | 6498 |
| 8 | PALM DESERT | Riverside | -69.3 | 52528 |
| 9 | MONROVIA | Los Angeles | -69.4 | 37637 |
| 10 | OJAI | Ventura | -66.2 | 7658 |

Top 10 cities with lowest adjusted property crime rate in 2016

| | City | County | Adjusted property crime | Population |
|----|------------------------|----------------|-------------------------|------------|
| 1 | IMPERIAL | Imperial | -105.8 | 17582 |
| 2 | OJAI | Ventura | -82.0 | 7658 |
| 3 | TWENTYNINE PALMS | San Bernardino | -75.1 | 26213 |
| 4 | FILLMORE | Ventura | -73.6 | 15653 |
| 5 | SIERRA MADRE | Los Angeles | -72.0 | 11212 |
| 6 | RANCHO SANTA MARGARITA | Orange | -71.2 | 49606 |
| 7 | SAN JUAN CAPISTRANO | Orange | -67.8 | 36798 |
| 8 | CUDAHY | Los Angeles | -66.5 | 24411 |
| 9 | ADELANTO | San Bernardino | -60.3 | 33479 |
| 10 | CORONADO | San Diego | -56.0 | 24974 |

Top 10 cities with lowest adjusted violent and property crime rates averaged over 2014-2016

There are sharp differences between this list of lowest adjusted violent crime rates over the last three years and the earlier unadjusted rates. Only one of the top 5 cities (i.e., Aliso Viejo) from the unadjusted list appears here. What's more, Coronado, rather than Aliso Viejo, has the lowest adjusted violent crime rate over the last three years, after taking into account the city's characteristics. The small city of Holtville in Imperial County ranks second in lowest adjusted violent crime rates over the last three years, whereas the big city (over 200,000 population) of Chula Vista in San Diego County ranks third in lowest adjusted violent crime rates.



Turning to property crime, we see slightly different patterns. On the one hand, the relatively advantaged cities of Rancho Santa Margarita, Lake Forest, and Aliso Viejo are among the top 5 in both adjusted and unadjusted crime rates. On the other hand, relatively disadvantaged cities such as Imperial Beach and Twentynine Palms suddenly appear among the top 5 cities with the lowest average property crime rate over the last three years, after adjusting for city characteristics.

Top 10 cities with lowest adjusted violent crime rate (based on average over 2014-2016)

| | City | County | Adjusted violent crime | Population |
|----|---------------|-------------|------------------------|------------|
| 1 | HOLTVILLE | Imperial | -159.6 | 6498 |
| 2 | MURRIETA | Riverside | -139.8 | 111043 |
| 3 | RANCHO MIRAGE | Riverside | -100.7 | 18243 |
| 4 | PALM DESERT | Riverside | -91.3 | 52528 |
| 5 | CORONADO | San Diego | -84.8 | 24974 |
| 6 | GLENDORA | Los Angeles | -83.9 | 52380 |
| 7 | MENIFEE | Riverside | -80.6 | 89114 |
| 8 | MONROVIA | Los Angeles | -80.9 | 37637 |
| 9 | SAN FERNANDO | Los Angeles | -77.9 | 25194 |
| 10 | MAYWOOD | Los Angeles | -74.6 | 27985 |

Top 10 cities with lowest adjusted property crime rate (based on average over 2014-2016)

| | City | County | Adjusted property crime | Population |
|----|------------------------|-------------|-------------------------|------------|
| 1 | RANCHO SANTA MARGARITA | Orange | -98.3 | 49606 |
| 2 | COMPTON | Los Angeles | -86.5 | 98861 |
| 3 | LYNWOOD | Los Angeles | -78.3 | 72471 |
| 4 | HOLTVILLE | Imperial | -77.9 | 6498 |
| 5 | BELL | Los Angeles | -74.2 | 36347 |
| 6 | CUDAHY | Los Angeles | -74.5 | 24411 |
| 7 | CALABASAS | Los Angeles | -72.3 | 24492 |
| 8 | SAN MARCOS | San Diego | -69.5 | 94840 |
| 9 | SIERRA MADRE | Los Angeles | -62.4 | 11212 |
| 10 | ALISO VIEJO | Orange | -60.5 | 50604 |

Chapter 3. Change in Violent and Property Crime in last 10 years

Top 10 cities with biggest increases in violent crime in last 1, 5, and 10 years

These tables focus on the cities showing the largest *increases* in violent crime in recent years. We display three tables: 1) Top 10 with the largest increase in the last year (2015-2016); 2) Top 10 with the largest increase in the last five years; 3) Top 10 with the largest increase in the last ten years.

We also present maps throughout this section, and the following section, showing which cities have experienced the largest changes in standardized crime rates over the last five years. In these maps, the cities with the largest increases are shown in red, the second largest are in orange, the third largest are in yellow, those with the second largest decrease are shown in green, and those with the largest decreases are shown in blue.

In the last year, Needles experienced the largest increase in violence. The city's rate of violence went from 62% above the national average to about 168% above the national average from 2015 to 2016. But, this is a recent jump, as the city does not appear on the top ten lists for the last 5 years or the last 10 years.

Alternatively, Murrieta has experienced the largest increase in violent crime over the last 5 and 10 years, but does not appear on the list for the most recent year.

Only two of the top 10 cities with the largest increases in violent crime from 2015-2016 (i.e., Commerce and Adelanto) are among the top 10 cities with the largest increases in rates of violence in the last 5 years.

However, five of the top 10 cities with the largest increases in violence in the last 5 years (i.e., Murrieta, Lynwood, Long Beach, Compton, and Inglewood) are the top 5 cities with the largest increases in violent crime rates over the last 10 years.

The largest increases in violent crime over the last 5 years and last 10 years have overwhelmingly taken place in cities in Los Angeles County. Indeed, eight cities from Los Angeles County appear on the top 10 list as having the largest increases in violence in the last 5 years, while seven Los Angeles County cities appear on the top 10 list for the last 10 years. What's more, four Los Angeles County cities appear on both of these lists (i.e., Compton, Long Beach, Lynwood, and Inglewood). Unlike the County of Los Angeles, Orange County has no cities appearing on these lists.



Top 10 cities with largest increase in violent crime rate from 2015-2016

| | City | County | Change | First year | This year | Population |
|----|------------------|----------------|--------|------------|-----------|------------|
| 1 | NEEDLES | San Bernardino | 112.1 | 162.1 | 274.2 | 5010 |
| 2 | COMMERCE | Los Angeles | 66.9 | 222.5 | 289.4 | 13128 |
| 3 | MAYWOOD | Los Angeles | 43.4 | 84.1 | 127.4 | 27985 |
| 4 | LAGUNA BEACH | Orange | 42.4 | 102.0 | 144.4 | 23486 |
| 5 | MALIBU | Los Angeles | 39.3 | 45.9 | 85.2 | 13030 |
| 6 | LA PALMA | Orange | 39.1 | 28.6 | 67.7 | 15975 |
| 7 | BARSTOW | San Bernardino | 38.9 | 402.7 | 441.6 | 23894 |
| 8 | WESTLAKE VILLAGE | Los Angeles | 38.2 | 16.5 | 54.7 | 8547 |
| 9 | SIERRA MADRE | Los Angeles | 33.8 | 31.4 | 65.2 | 11212 |
| 10 | ADELANTO | San Bernardino | 29.7 | 211.3 | 241.0 | 33479 |

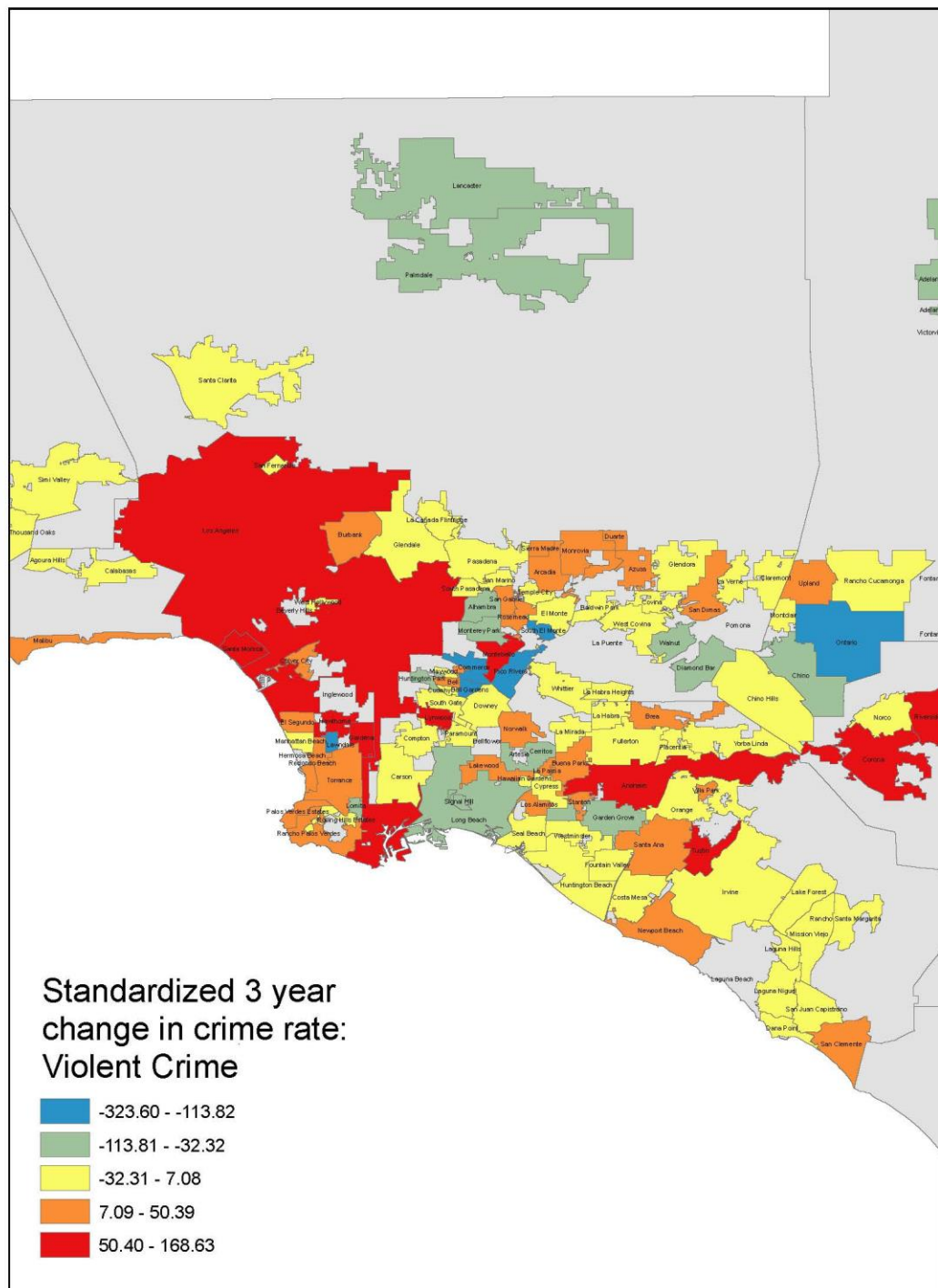
Top 10 cities with largest increase in violent crime rate in last 5 years (based on three-year moving averages)

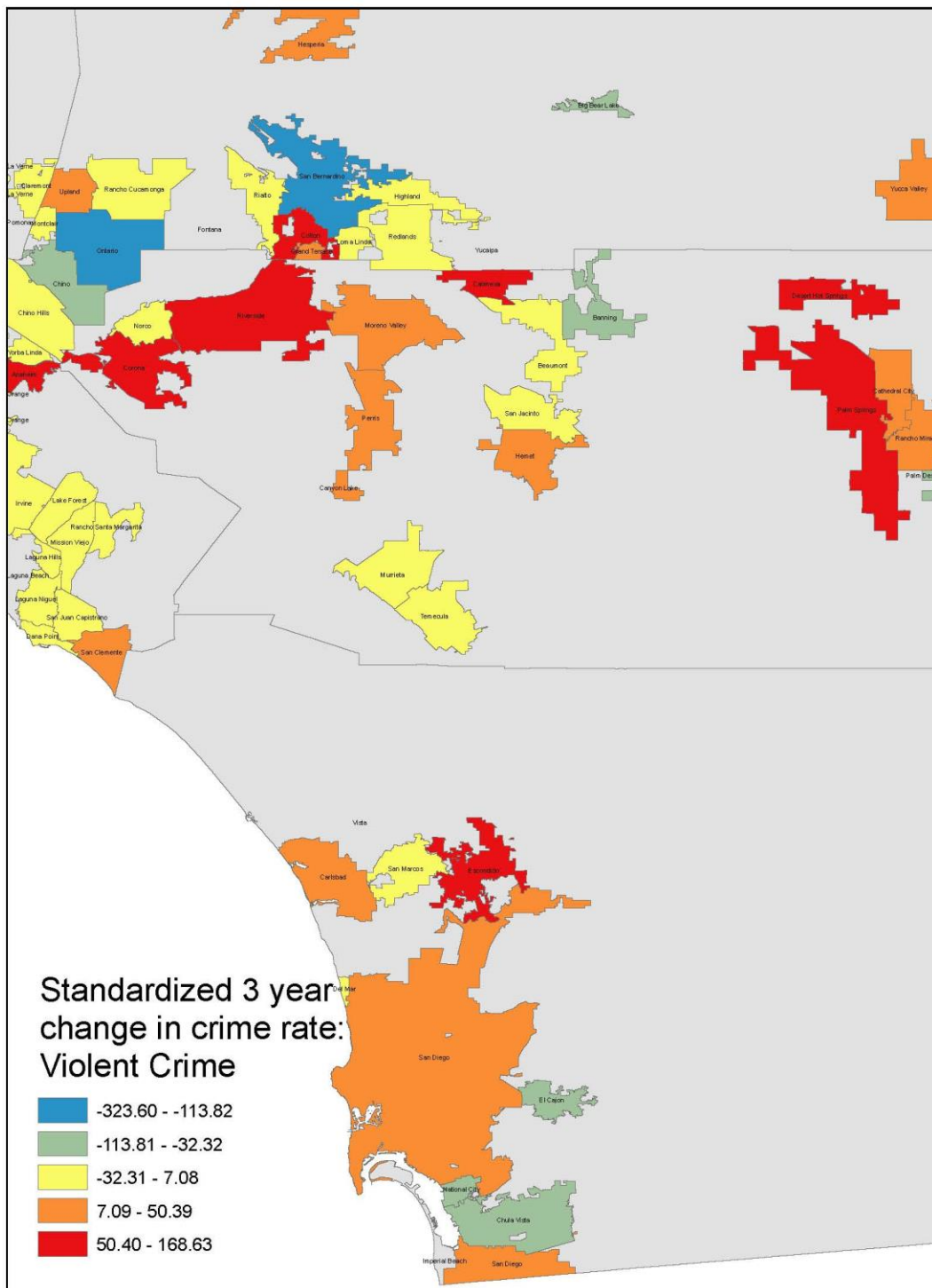
| | City | County | Change | First year | This year | Population |
|----|---------------|----------------|--------|------------|-----------|------------|
| 1 | GARDENA | Los Angeles | 257.3 | 96.2 | 353.5 | 60770 |
| 2 | COMMERCE | Los Angeles | 174.4 | 365.0 | 539.4 | 13128 |
| 3 | CALIMESA | Riverside | 172.5 | 29.4 | 202.0 | 8671 |
| 4 | NEEDLES | San Bernardino | 152.0 | 204.2 | 356.2 | 5010 |
| 5 | LONG BEACH | Los Angeles | 149.8 | 200.7 | 350.5 | 476476 |
| 6 | HEMET | Riverside | 141.8 | 91.9 | 233.7 | 84838 |
| 7 | MONTEBELLO | Los Angeles | 132.6 | 89.9 | 222.6 | 64206 |
| 8 | MONTCLAIR | San Bernardino | 120.0 | 150.9 | 270.9 | 39085 |
| 9 | NATIONAL CITY | San Diego | 106.9 | 192.1 | 299.0 | 61550 |
| 10 | PERRIS | Riverside | 105.5 | 187.2 | 292.7 | 76260 |

Top 10 cities with largest increase in violent crime rate in last 10 years (based on three-year moving averages)

| | City | County | Change | First year | This year | Population |
|----|----------------|----------------|--------|------------|-----------|------------|
| 1 | SAN BERNARDINO | San Bernardino | 281.2 | 180.8 | 462.0 | 217303 |
| 2 | NEEDLES | San Bernardino | 233.2 | 123.0 | 356.2 | 5010 |
| 3 | COMMERCE | Los Angeles | 228.5 | 310.9 | 539.4 | 13128 |
| 4 | MONTCLAIR | San Bernardino | 214.7 | 56.3 | 270.9 | 39085 |
| 5 | PERRIS | Riverside | 212.5 | 80.2 | 292.7 | 76260 |
| 6 | LONG BEACH | Los Angeles | 191.4 | 159.1 | 350.5 | 476476 |
| 7 | PALMDALE | Los Angeles | 176.6 | 137.1 | 313.7 | 159441 |
| 8 | GARDENA | Los Angeles | 166.6 | 186.9 | 353.5 | 60770 |
| 9 | HEMET | Riverside | 160.8 | 72.9 | 233.7 | 84838 |
| 10 | LANCASTER | Los Angeles | 158.6 | 126.4 | 285.0 | 161963 |

Figure 3. Change in average adjusted violent crime rate (2010-15) for Southern California cities





Top 10 cities with biggest increases in property crime in last 1, 5, and 10 years

These next tables include cities with the biggest increase in property crime. The small city of La Habra Heights experienced the largest increase in property crime over the last year. However, this seems to be a minor blip in the property crime rate for this particular city, given that it is not among the top 10 cities with the largest increases in property crime rates over the last 5 or 10 years. For cities with the largest increase in property crime from 2013 to 2016, it does not follow that such a short-term increase in crime is indicative of a more long-term trend in crime rates.

Among the top 10 cities with the largest increase in property crime from 2013 to 2016, we see that only the cities of El Segundo and Beverly Hills have undergone both short-term and more long-term increases in property crime rates. Indeed, whereas Beverly Hills' increase in property crime over the last year is only the eighth highest in the Southern California region, in the last five years its level of property crime increased substantially, with the city ranking third among cities in the region. However, Beverly Hills, unlike El Segundo, is not among the top 10 cities with the largest increase in property crime in the last 10 years.

Paying closer attention to the top 10 cities with the largest increase in property crime in the last 5 and 10 years, we see that most of the cities appearing on these lists are from the County of Los Angeles. Murrieta, however, tops both lists. Thus, whereas Los Angeles County cities tend to be cities with the largest long-term increases in property crime, Murrieta has experienced the largest increase in property crime over the last 5 years *and* the last 10 years. Still, Murrieta does not appear on the list for the most recent year. And, although only Los Angeles County cities appear on the list for the most recent year, only two cities from this particular county (i.e., El Segundo and Beverly Hills) have undergone more long-term increases in property crime.

Among the cities with more long-term increases in property crime, only six (i.e., Murrieta, Commerce, Palmdale, Pomona, El Segundo, and Long Beach) in the Southern California region have witnessed the largest increases in property crime over the last 5 years *and* over the last 10 years. What's more, only the cities of Murrieta and Commerce maintain their positions among these top 10 lists with regard to property crime rate increases over the last 5 and 10 years. In terms of long-term crime rate trends, it does not follow that sizeable, and more durable, increases in levels of property crime characterize crime trends for the Southern California region as a whole.

Top 10 cities with largest increase in property crime rate from 2015-2016

| | City | County | Change | First year | This year | Population |
|----|------------------|-------------|--------|------------|-----------|------------|
| 1 | LA HABRA HEIGHTS | Los Angeles | 39.2 | 41.0 | 80.2 | 5480 |
| 2 | ARTESIA | Los Angeles | 34.1 | 112.9 | 147.1 | 17049 |
| 3 | CERRITOS | Los Angeles | 27.0 | 155.0 | 182.0 | 50159 |
| 4 | WALNUT | Los Angeles | 25.0 | 43.3 | 68.3 | 30447 |
| 5 | EL SEGUNDO | Los Angeles | 23.9 | 148.3 | 172.2 | 17113 |
| 6 | ARCADIA | Los Angeles | 23.7 | 88.8 | 112.5 | 58816 |
| 7 | MONTEREY PARK | Los Angeles | 21.8 | 89.6 | 111.3 | 61710 |
| 8 | SIGNAL HILL | Los Angeles | 19.8 | 275.8 | 295.5 | 11677 |
| 9 | BEVERLY HILLS | Los Angeles | 18.5 | 144.5 | 163.0 | 35018 |
| 10 | WEST HOLLYWOOD | Los Angeles | 18.1 | 158.3 | 176.4 | 36594 |

Top 10 cities with largest increase in property crime rate in last 5 years (based on three-year moving averages)

| | City | County | Change | First year | This year | Population |
|----|--------------------|----------------|--------|------------|-----------|------------|
| 1 | CERRITOS | Los Angeles | 141.0 | 120.2 | 261.2 | 50159 |
| 2 | SAN BERNARDINO | San Bernardino | 97.3 | 147.6 | 244.9 | 217303 |
| 3 | HEMET | Riverside | 95.3 | 82.9 | 178.2 | 84838 |
| 4 | CALEXICO | Imperial | 90.5 | 112.0 | 202.4 | 40336 |
| 5 | ADELANTO | San Bernardino | 83.1 | 59.0 | 142.1 | 33479 |
| 6 | CARLSBAD | San Diego | 80.9 | 63.3 | 144.2 | 115040 |
| 7 | DESERT HOT SPRINGS | Riverside | 76.3 | 88.7 | 165.0 | 28573 |
| 8 | PERRIS | Riverside | 72.8 | 172.7 | 245.4 | 76260 |
| 9 | PARAMOUNT | Los Angeles | 71.4 | 72.1 | 143.5 | 55673 |
| 10 | SAN DIEGO | San Diego | 70.6 | 49.3 | 119.9 | 1413414 |

Top 10 cities with largest increase in property crime rate in last 10 years (based on three-year moving averages)

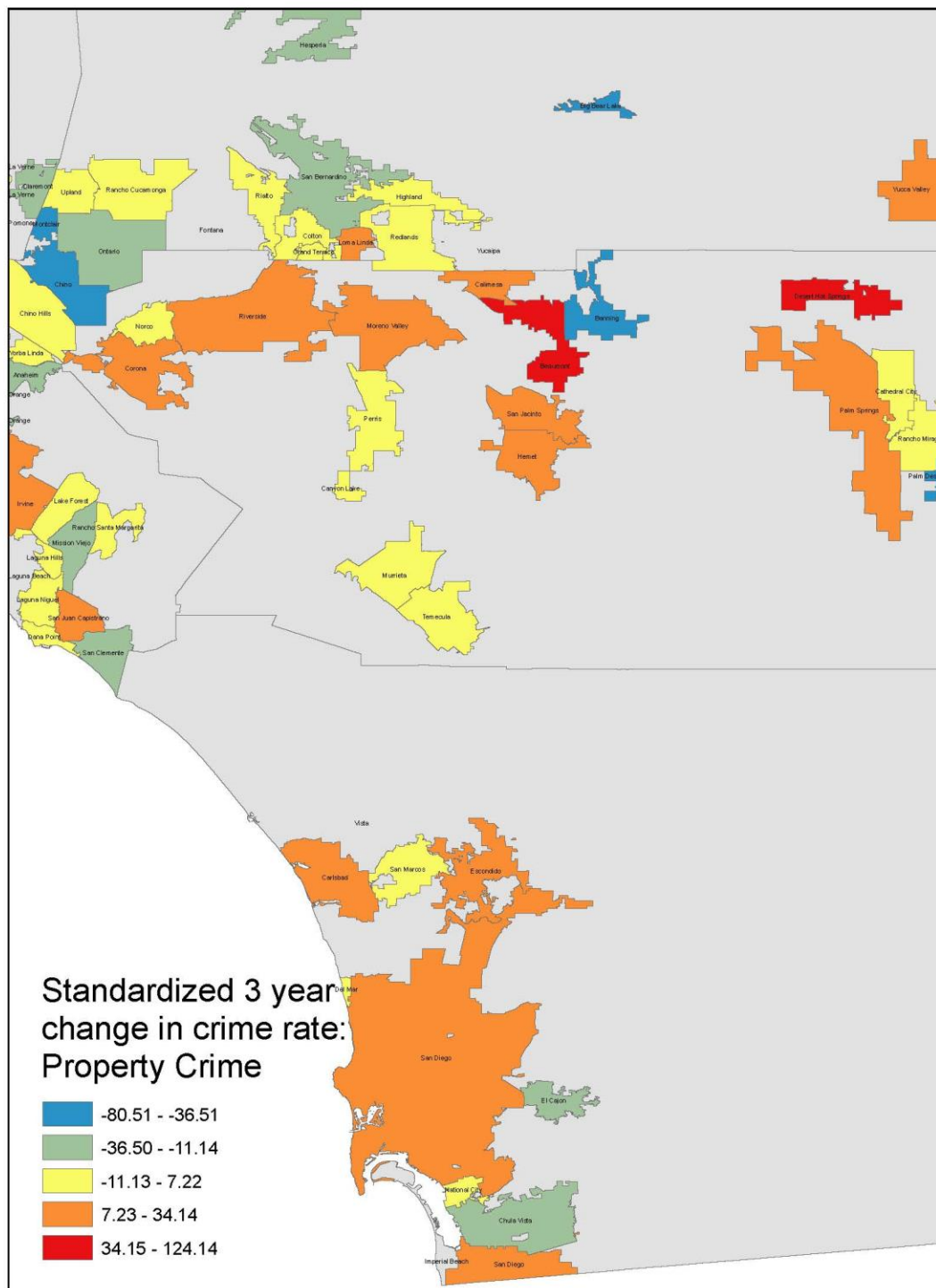
| | City | County | Change | First year | This year | Population |
|----|------------------|----------------|--------|------------|-----------|------------|
| 1 | CERRITOS | Los Angeles | 173.7 | 87.5 | 261.2 | 50159 |
| 2 | SAN BERNARDINO | San Bernardino | 159.9 | 85.0 | 244.9 | 217303 |
| 3 | PERRIS | Riverside | 152.0 | 93.5 | 245.4 | 76260 |
| 4 | MONTCLAIR | San Bernardino | 132.5 | 87.1 | 219.6 | 39085 |
| 5 | CALEXICO | Imperial | 118.8 | 83.7 | 202.4 | 40336 |
| 6 | BLYTHE | Riverside | 113.8 | 60.2 | 174.0 | 18961 |
| 7 | CARLSBAD | San Diego | 107.0 | 37.2 | 144.2 | 115040 |
| 8 | EL MONTE | Los Angeles | 103.3 | 39.5 | 142.8 | 117354 |
| 9 | ANAHEIM | Orange | 103.3 | 48.8 | 152.0 | 353504 |
| 10 | SANTE FE SPRINGS | Los Angeles | 98.4 | 146.5 | 244.9 | 18401 |





24





Top 10 cities with biggest decreases in violent crime in last 1, 5, and 10 years

These next tables review the cities experiencing the largest relative decrease in violent crime. The crime levels that are shown are standardized to the national average for a particular year. Therefore, some of the cities on this list appear to have “higher” crime even though they are among those with the biggest decreases in violent crime. They actually have experienced decreases, and these standardized measures simply obscure this fact.

Turning to the table showing the top 10 cities with the largest decrease in violent crime from 2015 to 2016, we see a diverse mix of cities from counties across the Southern California region. The small city of Fillmore in Ventura County has witnessed the largest decrease in violent crime in the last year, going from 163% above the average to 23% below the average. However, unlike Fillmore, the rest of the cities are above the national average in violent crime rates; but, they have experienced sizeable, albeit short-term, drops in levels of violence.

Moving on to the table showing the top 10 cities with the largest decrease in violent crime in the last 5 years, we see cities from counties across the Southern California region sustaining more long-term decreases in rates of violence. The small city of Imperial Beach in the County of San Diego has experienced the largest drop in violent crime over the last 5 years, going from nearly 50% above the national average to 33% below the average level of violence for the nation. We see that the City of San Diego has also seen a substantial, and more long-term, decrease in its violent crime rate, going from almost 20% above the national average to almost 40% below the average level of violence for a typical U.S. city. Moreover, four of the top 10 cities experiencing decreases in violent crime rates are in Los Angeles County.

And, when turning to the table showing the top 10 cities with the largest decrease in violent crime in the *last 10 years*, we see similar patterns. Long-term decreases in violent crime rates are taking root across cities in virtually all counties across the Southern California region. We again see that four of the top 10 cities going through these more long-term decreases in violence are in the County of Los Angeles. Still, the city going through the largest decrease in violence in the last 10 years is in Riverside County: while the city of Lake Elsinore was almost 120% higher than the average level of violence for a U.S. city ten years ago, its violent crime rate is *now* almost 40% lower than the typical U.S. city.

Also worth highlighting is that the cities of Imperial Beach, Pasadena, and El Centro have enjoyed sizeable decreases in violent crime rates in the last 5 years *and* in the last 10 years. These cities are among the top 10 cities with the largest decreases in violence, whether in the last 5 years or in the last 10 years. As such, these particular cities maintain a steady position among cities in the Southern California region with regard to more long-term drops in violent crime rates.

Top 10 cities with largest decrease in violent crime rate from 2015-2016

| | City | County | Change | First year | This year | Population |
|----|------------------|----------------|--------|------------|-----------|------------|
| 1 | YUCCA VALLEY | San Bernardino | -119.7 | 232.4 | 114.1 | 21774 |
| 2 | FILLMORE | Ventura | -85.0 | 163.4 | 78.4 | 15653 |
| 3 | INDIO | Riverside | -82.2 | 225.0 | 143.2 | 89201 |
| 4 | HAWAIIAN GARDENS | Los Angeles | -57.4 | 202.2 | 145.6 | 14654 |
| 5 | NATIONAL CITY | San Diego | -54.5 | 180.2 | 126.8 | 61550 |
| 6 | BANNING | Riverside | -52.0 | 190.7 | 138.7 | 31191 |
| 7 | SOUTH EL MONTE | Los Angeles | -52.8 | 202.7 | 151.5 | 21032 |
| 8 | BRAWLEY | Imperial | -47.3 | 186.8 | 140.1 | 26076 |
| 9 | PALMDALE | Los Angeles | -46.3 | 173.4 | 127.8 | 159441 |
| 10 | LEMON GROVE | San Diego | -46.8 | 195.8 | 150.6 | 26981 |

Top 10 cities with largest decrease in violent crime rate in last 5 years (based on three-year moving averages)

| | City | County | Change | First year | This year | Population |
|----|----------------|----------------|--------|------------|-----------|------------|
| 1 | COMPTON | Los Angeles | -125.5 | 484.9 | 360.4 | 98861 |
| 2 | BEAUMONT | Riverside | -94.5 | 150.2 | 56.7 | 45249 |
| 3 | BLYTHE | Riverside | -88.7 | 199.4 | 112.1 | 18961 |
| 4 | CHINO | San Bernardino | -69.8 | 120.7 | 52.5 | 87081 |
| 5 | PALM DESERT | Riverside | -67.3 | 107.0 | 40.3 | 52528 |
| 6 | SOUTH EL MONTE | Los Angeles | -61.2 | 267.1 | 206.3 | 21032 |
| 7 | SAN FERNANDO | Los Angeles | -57.2 | 176.0 | 119.2 | 25194 |
| 8 | CULVER CITY | Los Angeles | -52.6 | 163.6 | 112.2 | 39880 |
| 9 | LOMITA | Los Angeles | -46.5 | 191.9 | 146.4 | 20889 |
| 10 | VICTORVILLE | San Bernardino | -43.1 | 209.4 | 166.5 | 123438 |

Top 10 cities with largest decrease in violent crime rate in last 10 years (based on three-year moving averages)

| | City | County | Change | First year | This year | Population |
|----|------------------|-------------|--------|------------|-----------|------------|
| 1 | LOS ANGELES | Los Angeles | -120.3 | 277.9 | 158.2 | 4007905 |
| 2 | ARTESIA | Los Angeles | -109.4 | 229.1 | 120.6 | 17049 |
| 3 | HAWTHORNE | Los Angeles | -74.3 | 213.3 | 139.6 | 89299 |
| 4 | PALM DESERT | Riverside | -61.0 | 101.3 | 40.3 | 52528 |
| 5 | BANNING | Riverside | -36.2 | 154.6 | 118.8 | 31191 |
| 6 | SANTA CLARITA | Los Angeles | -32.6 | 72.8 | 41.4 | 219611 |
| 7 | HAWAIIAN GARDENS | Los Angeles | -29.4 | 270.9 | 242.3 | 14654 |
| 8 | WESTLAKE VILLAGE | Los Angeles | -29.8 | 64.3 | 36.1 | 8547 |
| 9 | BEAUMONT | Riverside | -28.1 | 84.7 | 56.7 | 45249 |
| 10 | MALIBU | Los Angeles | -27.0 | 87.6 | 60.6 | 13030 |

Top 10 cities with biggest decreases in property crime in last 1, 5, and 10 years

These next tables review the cities experiencing the largest relative decrease in property crime. The crime levels that are shown are standardized to the national average for a particular year. Therefore, some of the cities on this list appear to have “higher” crime even though they are among those with the biggest decreases in property crime. They actually have experienced decreases, and these standardized measures simply obscure this fact.

Looking at the first table, which shows the top 10 cities with the largest decrease in property crime from 2015 to 2016, a few things are worth highlighting. Whereas all cities on this list were either at, or above, the national average in terms of levels of property crime in the *first year, this year*, three of the top 10 cities (i.e., Orange, Indian Wells, and Adelanto) have property crime rates *lower* than a typical U.S. city. Thus, we see that while the city of Orange, which tops this list, *initially* had 20% more property crime than an average U.S. city, *now* its property crime rate is almost 30% lower. Furthermore, more than half of cities experiencing the largest decreases in property crime rates in the most recent year are from the Inland Empire (i.e., the Counties of Riverside and San Bernardino).

On the one hand, looking at the second table, which shows the top 10 cities with the largest decrease in property crime in the last 5 years, we see a diverse mix of Southern California cities undergoing more long-term decreases in crimes against property. What’s more, we see that whereas in the *first year* most cities on this list were *above* the average level of property crime, *this year* most cities are overwhelmingly *below* the national average. Furthermore, we observe that the city of Calexico, which appeared on the previously discussed list, also appears on this list. Thus, Calexico has also undergone more long-term change in its level of crimes against property, going from 36% above the national average to 5% lower than the average property crime rate.

On the other hand, turning to the table showing the top 10 cities with the largest decrease in property crime in the last 10 years, we note that the majority of cities going through more long-term decreases in crimes against property are in the Inland Empire. Indeed, the city of Lake Elsinore in the County of Riverside has seen the largest decrease in property crime rates over the last 10 years, going from almost 50% above the national average in property crime to almost 25% below the average. We also note that the city of Imperial Beach in San Diego County, which also appeared on the top 10 list of cities with the largest decrease in property crime in the *last 5 years*, appears on this list, as well, coming in second place. Indeed, Imperial Beach’s property crime rate dropped considerably from an already low baseline, going from almost 40% to over 60% below the national average. While *most* cities on this list were below the national average ten years ago, this year *all* cities on this list have property crime rates lower than a typical U.S. city.

Top 10 cities with largest decrease in property crime rate from 2015-2016

| | City | County | Change | First year | This year | Population |
|----|--------------------|----------------|--------|------------|-----------|------------|
| 1 | YUCCA VALLEY | San Bernardino | -49.6 | 125.6 | 77.2 | 21774 |
| 2 | ORANGE | Orange | -46.6 | 119.5 | 74.1 | 141841 |
| 3 | BLYTHE | Riverside | -38.3 | 183.1 | 145.4 | 18961 |
| 4 | EL CENTRO | Imperial | -38.7 | 248.3 | 211.0 | 44213 |
| 5 | INDIAN WELLS | Riverside | -34.4 | 116.5 | 82.9 | 5352 |
| 6 | CALEXICO | Imperial | -34.4 | 160.3 | 126.6 | 40336 |
| 7 | ADELANTO | San Bernardino | -33.1 | 100.4 | 67.4 | 33479 |
| 8 | PALM SPRINGS | Riverside | -31.7 | 262.0 | 231.7 | 47909 |
| 9 | DESERT HOT SPRINGS | Riverside | -30.5 | 160.1 | 130.6 | 28573 |
| 10 | SANTE FE SPRINGS | Los Angeles | -29.7 | 287.7 | 259.4 | 18401 |

Top 10 cities with largest decrease in property crime rate in last 5 years (based on three-year moving averages)

| | City | County | Change | First year | This year | Population |
|----|---------------|----------------|--------|------------|-----------|------------|
| 1 | PALM DESERT | Riverside | -57.5 | 169.8 | 113.2 | 52528 |
| 2 | BANNING | Riverside | -53.9 | 132.5 | 80.4 | 31191 |
| 3 | VICTORVILLE | San Bernardino | -46.9 | 124.3 | 79.3 | 123438 |
| 4 | CULVER CITY | Los Angeles | -40.3 | 147.7 | 108.0 | 39880 |
| 5 | SANTA ANA | Orange | -35.1 | 133.9 | 99.1 | 337419 |
| 6 | SAN FERNANDO | Los Angeles | -35.9 | 98.0 | 63.9 | 25194 |
| 7 | LA HABRA | Orange | -34.7 | 95.1 | 61.8 | 62483 |
| 8 | CLAREMONT | Los Angeles | -21.9 | 91.1 | 71.0 | 36553 |
| 9 | BEVERLY HILLS | Los Angeles | -16.4 | 127.7 | 112.2 | 35018 |
| 10 | ARCADIA | Los Angeles | -14.8 | 86.0 | 72.7 | 58816 |

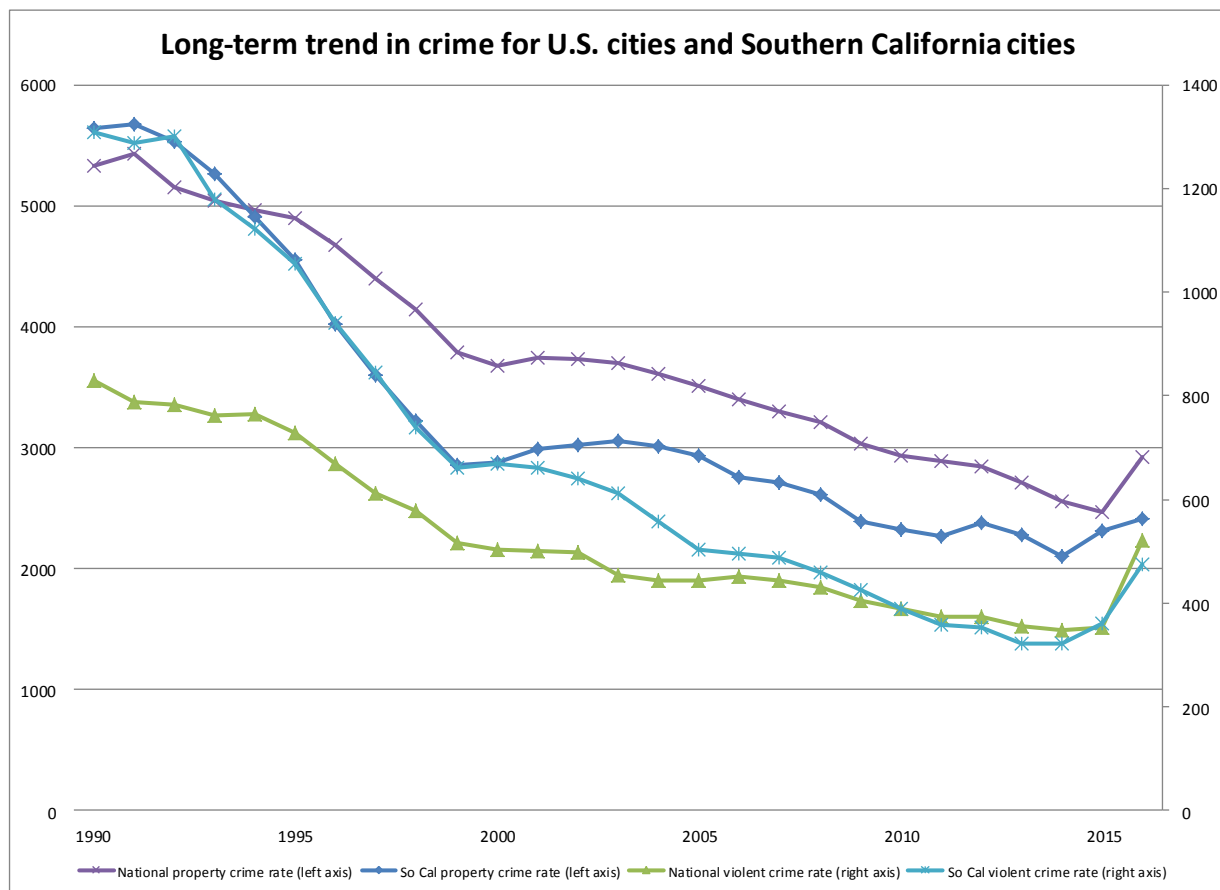
Top 10 cities with largest decrease in property crime rate in last 10 years (based on three-year moving averages)

| | City | County | Change | First year | This year | Population |
|----|--------------|-------------|--------|------------|-----------|------------|
| 1 | LOS ANGELES | Los Angeles | -38.3 | 103.6 | 66.0 | 4007905 |
| 2 | PALM DESERT | Riverside | -35.9 | 147.3 | 113.2 | 52528 |
| 3 | SANTA MONICA | Los Angeles | -18.2 | 122.0 | 104.2 | 93921 |
| 4 | HAWTHORNE | Los Angeles | -14.7 | 102.4 | 89.1 | 89299 |
| 5 | LYNWOOD | Los Angeles | -10.5 | 72.8 | 63.3 | 72471 |
| 6 | CLAREMONT | Los Angeles | -9.9 | 79.1 | 71.0 | 36553 |
| 7 | VILLA PARK | Orange | -8.1 | 44.6 | 36.6 | 5991 |
| 8 | ESCONDIDO | San Diego | -8.3 | 78.5 | 70.8 | 152897 |
| 9 | FULLERTON | Orange | -7.7 | 88.1 | 81.8 | 141968 |
| 10 | SAN CLEMENTE | Orange | -6.6 | 41.7 | 36.3 | 65915 |

Chapter 4. Violent and Property Crime long-term change and projections

Changes since 1990 in violent and property crime for U.S. cities

Given the discussion in the media about long-term trends in crime rates across U.S. cities, we show how violent and property crime have changed in U.S. cities since 1990. The following chart shows how violent and property crime rates have changed since 1990 in U.S. and Southern California cities with at least 10,000 population. The chart highlights that whereas the property and violent crime rates were higher in Southern California cities compared to U.S. cities in 1990, they have exhibited an even sharper downward trajectory compared to the U.S. and are now comparatively lower.



Projections of violent and property crime for 2018

We next present forecasted violent and property crime rates in Southern California cities for 2018 based on our statistical model.

Based on the model, we first present the expected change in all cities in the region from 2016 to 2018. We then describe how the model projects changes in the cities in each county. We remind the reader that the forecasts for individual cities have a confidence interval around the predicted value, and therefore are simply our “best guess” of the level of crime for 2018.

County-level changes in violent and property crime

In general, our projection model forecasts an overall relative drop in violent and property crime in the region from 2016 levels to 2018. Whereas the average city had a violent crime rate in 2016 of 475 violent crime events per 100,000 people, our model projects an average decrease across cities of 17% in 2018 (a decrease of 114 violent crime events per 100,000 people). Our model also projects a 6% decrease in property crime events from 2016 to 2018 (a decrease of 408 property crime events per 100,000 people).

Our projection model forecasts decreasing violent and property crime rates in 87% and 71% of Southern California cities, respectively.

Turning to the individual counties, our model forecasts that cities in Los Angeles County will generally fare similarly to the region overall, although with slightly larger crime drops. The model forecasts a 25% decrease in violent crime and a 9.5% decrease in property crime in 2018, on average, for cities in Los Angeles County. 93% of cities are projected to experience a decrease in violent crime, whereas 84% are projected to experience a decrease in property crime.

The model forecasts that Orange County cities will experience decreases in crime. Cities in Orange County are projected to have, on average, 20% less violent crime and 7% less property crime. 85% of cities are projected to experience decreasing violent crime and 79% are projected to experience decreasing property crime.

Riverside County cities are forecasted to tread water for violence, as they are forecasted for a very slight 1.6% increase compared to 2016. They are forecasted to have similar levels of property crime compared to 2016. Whereas 75% of cities in the County of Riverside are projected to experience fewer crimes against persons, 46% of cities are expected to have fewer crimes against property.



San Bernardino County cities, on average, are projected to experience a 12% decrease in violent crime but a 1.5% increase in property crime from 2016 to 2018. 73% of the cities are projected to experience a decrease in violent crime, and 36% for property crime.

San Diego County cities are forecasted to experience drops in crime levels. Our model forecasts a 14% decrease in violent crime, on average, across San Diego cities, with 94% of cities projected to see decreasing levels of violence. Our model forecasts a 7% decrease in property crime, on average, across cities in San Diego County, with 78% of cities expected to see decreasing levels of non-violent acquisitive crimes.

Finally, whereas Ventura County cities are projected to experience a decrease in violent crime of 8% less than 2016, property crime is projected to decrease nearly 5% on average across these 10 cities.

Projected change for cities in the counties of the region from 2016 to 2018

| County | Average projected change in violent crime | Average projected change in property crime | Percent cities projected decreasing violent crime | Percent cities projected decreasing property crime |
|-----------------------|---|--|---|--|
| Region | -17.3% | -6.0% | 86.6% | 71.1% |
| Los Angeles | -25.2% | -9.5% | 92.5% | 83.8% |
| Orange | -20.2% | -7.1% | 84.8% | 78.8% |
| Riverside | 1.6% | 0.4% | 75.0% | 45.8% |
| San Bernardino | -11.6% | 1.5% | 72.7% | 36.4% |
| San Diego | -14.1% | -7.2% | 94.4% | 77.8% |
| Ventura | -8.3% | -4.6% | 90.0% | 70.0% |

Appendix

In this Appendix, we display the adjusted crime rates for all cities in each of the six major counties in the region. We present the results for each county separately, beginning with Los Angeles County. The first table for each county shows the adjusted crime rate in the most recent year (2016) for all cities in the county. The second table shows the average adjusted crime rate over the three most recent years (2014-16) for all cities in the county.

After the two tables, we then display Figures showing the 10 year trajectory of the violent crime rate for the cities in the county. Each Figure presents the trajectories for a geographic cluster of cities. A map in each section shows the geographic clustering of cities for these figures. For each Figure, the scale is typically from 0 to 400. Thus, the bottom value

is a city with no violent crime, whereas 400 indicates a city with a violent crime rate 300% higher than the regional average ($400 - 100 = 300$). For a few of the Figures, we had to extend the scale if certain cities had particularly high violent crime rates.

To understand how to interpret the tables, note that in the first table for Los Angeles County, the city of Artesia has a standardized aggravated assault rate of 152, indicating that in 2016 their aggravated assault rate was 52% higher than the average city in the region. The burglary rate in Artesia was 159.5% higher than the average city in the nation ($259.5 - 100 = 159.5$). Artesia's homicide in 2016 was 177.6% higher than the national average. However, its larceny rate was just 10.67% higher than the national average.

Los Angeles County

Standardized crime rates for cities in Los Angeles County, 2016

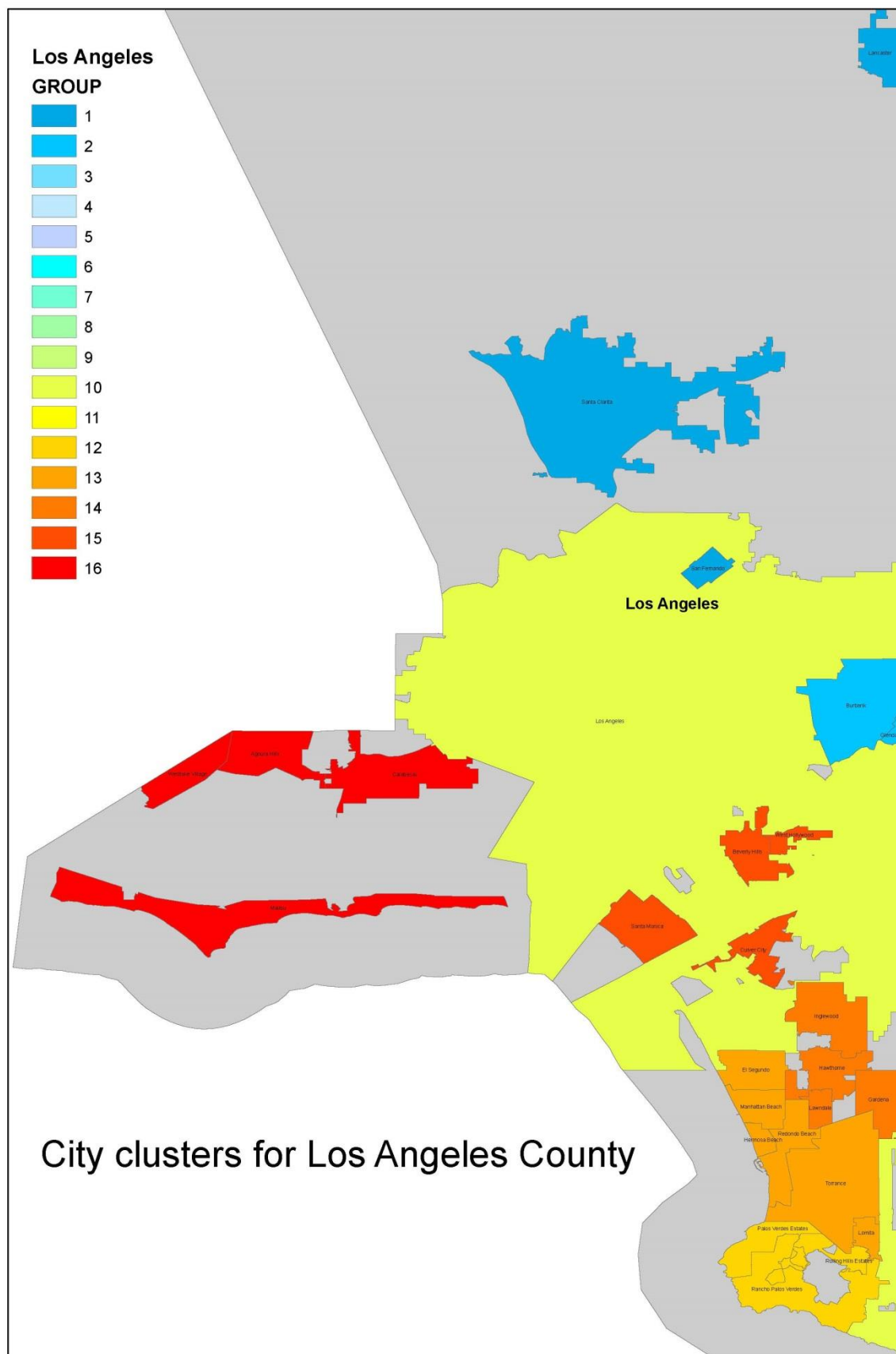
| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|----------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | AGOURA HILLS | 22.5 | 15.8 | 0.0 | 90.6 | 43.4 | 38.8 | 21032 |
| 2 | ALHAMBRA | 35.2 | 93.8 | 0.0 | 112.7 | 126.3 | 91.5 | 86035 |
| 3 | ARCADIA | 26.5 | 82.7 | 82.6 | 203.1 | 59.8 | 96.7 | 58816 |
| 4 | ARTESIA | 155.3 | 194.6 | 285.1 | 266.7 | 198.1 | 111.7 | 17049 |
| 5 | AZUSA | 103.2 | 100.9 | 48.2 | 119.0 | 165.8 | 75.1 | 50393 |
| 6 | BALDWIN PARK | 111.2 | 104.3 | 157.0 | 105.6 | 200.5 | 57.5 | 77400 |
| 7 | BELL | 208.2 | 173.4 | 334.3 | 134.0 | 195.9 | 62.0 | 36347 |
| 8 | BELL GARDENS | 88.4 | 163.4 | 168.3 | 54.6 | 346.7 | 64.1 | 43316 |
| 9 | BELLFLOWER | 118.2 | 224.5 | 123.3 | 132.0 | 283.8 | 72.3 | 78806 |
| 10 | BEVERLY HILLS | 58.1 | 154.7 | 0.0 | 200.7 | 95.2 | 161.2 | 35018 |
| 11 | BURBANK | 60.8 | 52.3 | 0.0 | 85.2 | 114.9 | 116.8 | 105720 |
| 12 | CALABASAS | 21.2 | 13.5 | 0.0 | 84.4 | 42.9 | 39.6 | 24492 |
| 13 | CARSON | 155.1 | 194.9 | 259.6 | 107.7 | 254.5 | 85.1 | 93613 |
| 14 | CERRITOS | 54.7 | 105.8 | 0.0 | 214.3 | 200.2 | 171.0 | 50159 |
| 15 | CLAREMONT | 36.2 | 84.7 | 0.0 | 182.2 | 78.7 | 90.4 | 36553 |
| 16 | COMMERCE | 237.8 | 471.7 | 185.1 | 208.2 | 1251.8 | 308.5 | 13128 |
| 17 | COMPTON | 330.5 | 408.3 | 860.3 | 86.2 | 364.8 | 75.3 | 98861 |
| 18 | COVINA | 88.4 | 107.8 | 49.4 | 144.2 | 152.1 | 90.2 | 49222 |
| 19 | CUDAHY | 75.6 | 113.2 | 298.6 | 38.6 | 145.9 | 28.3 | 24411 |
| 20 | CULVER CITY | 86.6 | 379.9 | 0.0 | 175.1 | 179.7 | 218.2 | 39880 |
| 21 | DIAMOND BAR | 31.4 | 42.6 | 85.0 | 146.3 | 57.5 | 47.1 | 57162 |
| 22 | DOWNEY | 66.8 | 181.2 | 21.2 | 105.5 | 304.8 | 98.6 | 114704 |
| 23 | DUARTE | 109.0 | 95.0 | 219.7 | 80.0 | 150.6 | 54.9 | 22120 |
| 24 | EL MONTE | 99.5 | 157.4 | 62.1 | 132.1 | 267.6 | 52.8 | 117354 |
| 25 | EL SEGUNDO | 66.3 | 161.5 | 0.0 | 249.6 | 194.7 | 150.1 | 17113 |
| 26 | GARDENA | 117.5 | 291.1 | 120.0 | 134.2 | 266.7 | 69.1 | 60770 |
| 27 | GLENDALE | 24.2 | 45.8 | 12.0 | 67.5 | 81.7 | 66.8 | 202903 |
| 28 | GLENORA | 45.1 | 33.8 | 0.0 | 110.9 | 62.7 | 107.7 | 52380 |
| 29 | HAWAIIAN GARDENS | 135.5 | 203.7 | 331.6 | 84.6 | 255.4 | 62.8 | 14654 |
| 30 | HAWTHORNE | 163.6 | 369.0 | 190.5 | 113.7 | 293.4 | 92.5 | 89299 |
| 31 | HUNTINGTON PARK | 171.9 | 400.1 | 81.4 | 80.0 | 518.5 | 100.5 | 59692 |
| 32 | INGLEWOOD | 148.5 | 400.6 | 347.0 | 89.6 | 321.8 | 59.7 | 112059 |
| 33 | LA CANADA FLINTRIDGE | 18.3 | 26.8 | 0.0 | 105.6 | 30.9 | 51.1 | 20659 |
| 34 | LA HABRA HEIGHTS | 17.3 | 40.4 | 0.0 | 155.1 | 66.6 | 63.6 | 5480 |
| 35 | LA MIRADA | 45.7 | 60.1 | 48.9 | 74.8 | 111.1 | 66.3 | 49715 |
| 36 | LA PUENTE | 87.8 | 121.6 | 59.4 | 76.3 | 182.9 | 34.6 | 40928 |
| 37 | LA VERNE | ... | ... | ... | ... | ... | ... | . |
| 38 | LAKEWOOD | 58.3 | 152.5 | 59.3 | 95.9 | 171.1 | 124.4 | 81921 |
| 39 | LANCASTER | 199.4 | 232.1 | 105.0 | 150.2 | 172.8 | 61.0 | 161963 |
| 40 | LAWNDALE | 160.6 | 233.9 | 0.0 | 63.6 | 216.3 | 44.8 | 33560 |

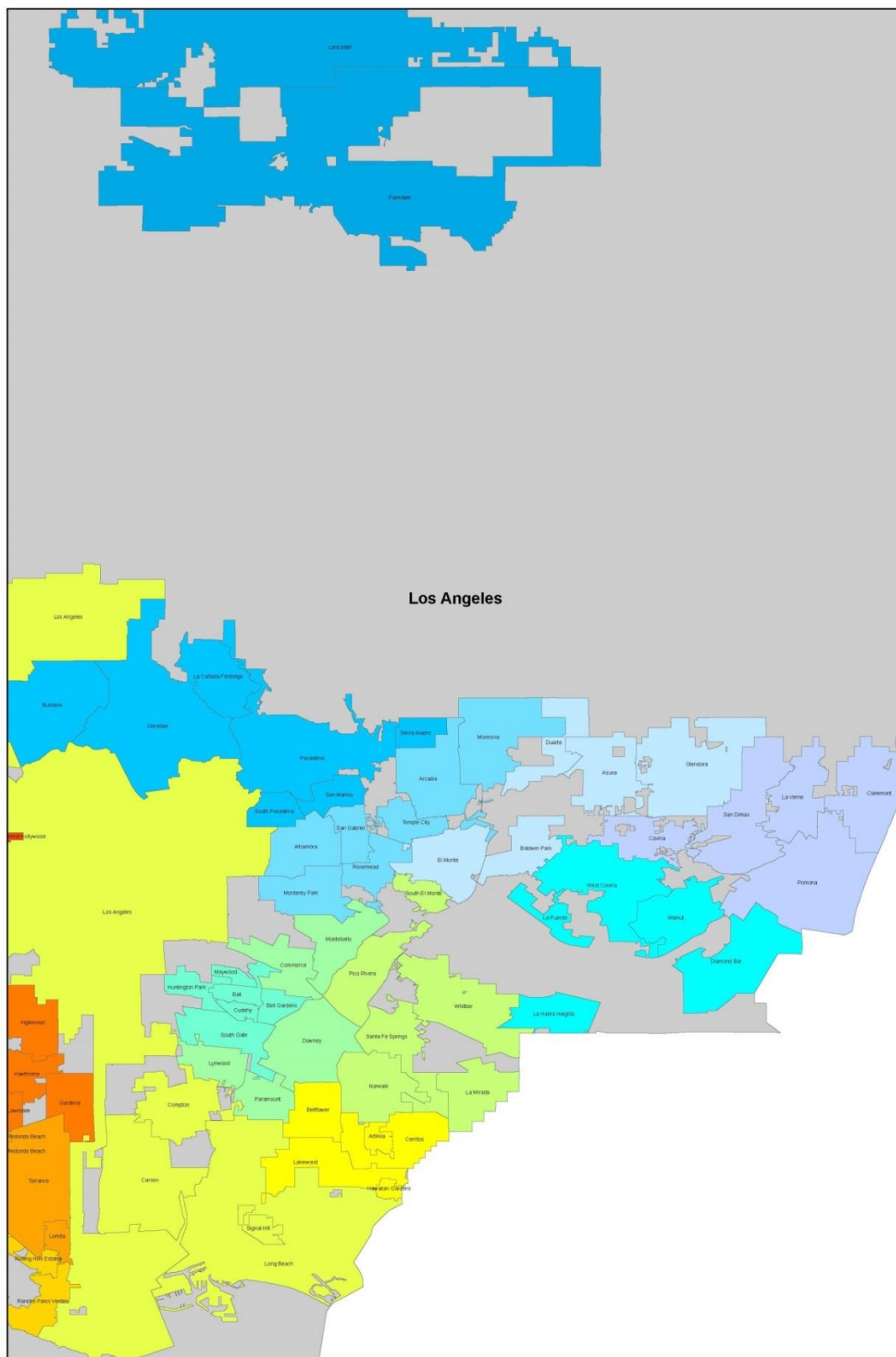
| | | | | | | | | |
|----|-----------------------|-------|-------|-------|-------|-------|-------|---------|
| 41 | LOMITA | 86.0 | 142.9 | 0.0 | 80.3 | 111.5 | 58.1 | 20889 |
| 42 | LONG BEACH | 146.7 | 264.1 | 168.3 | 144.0 | 273.9 | 95.7 | 476476 |
| 43 | LOS ANGELES | 187.3 | 284.4 | 177.6 | 90.7 | 211.7 | 87.9 | 4007905 |
| 44 | LYNWOOD | 151.4 | 300.6 | 301.8 | 77.6 | 483.1 | 52.6 | 72471 |
| 45 | MALIBU | 69.0 | 110.3 | 0.0 | 153.4 | 112.1 | 118.2 | 13030 |
| 46 | MANHATTAN BEACH | 17.1 | 98.4 | 0.0 | 122.0 | 67.3 | 119.0 | 35955 |
| 47 | MAYWOOD | 125.0 | 154.1 | 0.0 | 64.8 | 272.4 | 37.9 | 27985 |
| 48 | MONROVIA | 41.5 | 55.8 | 0.0 | 80.6 | 92.2 | 90.2 | 37637 |
| 49 | MONTEBELLO | 68.5 | 196.3 | 0.0 | 294.4 | 389.6 | 51.5 | 64206 |
| 50 | MONTEREY PARK | 48.3 | 105.7 | 39.4 | 171.2 | 182.0 | 88.0 | 61710 |
| 51 | NORWALK | 112.2 | 143.0 | 158.3 | 79.5 | 198.0 | 57.0 | 107453 |
| 52 | PALMDALE | 125.2 | 154.0 | 121.9 | 93.1 | 120.8 | 56.7 | 159441 |
| 53 | PALOS VERDES ESTATES | 10.3 | 8.1 | 0.0 | 46.8 | 23.3 | 30.1 | 13730 |
| 54 | PARAMOUNT | 119.8 | 297.9 | 174.6 | 93.2 | 322.2 | 110.0 | 55673 |
| 55 | PASADENA | 87.5 | 126.6 | 33.9 | 138.0 | 103.2 | 85.9 | 143288 |
| 56 | PICO RIVERA | 98.3 | 123.5 | 75.4 | 116.9 | 323.6 | 70.6 | 64469 |
| 57 | RANCHO PALOS VERDES | 15.4 | 15.4 | 0.0 | 63.1 | 35.1 | 33.7 | 42947 |
| 58 | REDONDO BEACH | 64.3 | 93.7 | 35.5 | 143.6 | 106.7 | 91.8 | 68447 |
| 59 | ROLLING HILLS ESTATES | 17.1 | 106.6 | 0.0 | 91.4 | 27.5 | 57.7 | 8297 |
| 60 | ROSEMEAD | 72.1 | 146.4 | 44.1 | 128.3 | 188.0 | 70.5 | 55129 |
| 61 | SAN DIMAS | 58.3 | 76.1 | 0.0 | 123.8 | 111.2 | 76.6 | 34884 |
| 62 | SAN FERNANDO | 159.6 | 166.8 | 96.4 | 82.0 | 217.4 | 51.9 | 25194 |
| 63 | SAN GABRIEL | 62.9 | 103.5 | 0.0 | 126.8 | 64.1 | 50.2 | 40580 |
| 64 | SAN MARINO | 24.5 | 57.2 | 0.0 | 180.0 | 23.6 | 59.5 | 13528 |
| 65 | SANTA CLARITA | 34.9 | 61.4 | 22.1 | 68.0 | 85.8 | 48.1 | 219611 |
| 66 | SANTA MONICA | 122.9 | 222.5 | 51.7 | 152.4 | 114.7 | 184.3 | 93921 |
| 67 | SANTE FE SPRINGS | 167.1 | 216.3 | 396.2 | 209.7 | 446.5 | 247.3 | 18401 |
| 68 | SIERRA MADRE | 80.1 | 29.6 | 0.0 | 96.3 | 32.6 | 28.6 | 11212 |
| 69 | SIGNAL HILL | 125.5 | 274.6 | 0.0 | 202.6 | 441.7 | 298.3 | 11677 |
| 70 | SOUTH EL MONTE | 128.2 | 231.3 | 231.1 | 166.0 | 336.4 | 70.7 | 21032 |
| 71 | SOUTH GATE | 183.7 | 285.6 | 125.5 | 120.3 | 471.2 | 108.5 | 96791 |
| 72 | SOUTH PASADENA | 18.0 | 42.1 | 0.0 | 141.7 | 100.8 | 92.7 | 26256 |
| 73 | TEMPLE CITY | 36.3 | 45.4 | 66.5 | 166.0 | 47.5 | 41.4 | 36527 |
| 74 | TORRANCE | 34.9 | 88.3 | 16.3 | 70.6 | 133.8 | 84.9 | 149078 |
| 75 | WALNUT | 21.7 | 25.4 | 159.6 | 215.0 | 46.5 | 35.8 | 30447 |
| 76 | WEST COVINA | 57.7 | 111.6 | 89.2 | 109.4 | 208.7 | 89.6 | 108950 |
| 77 | WEST HOLLYWOOD | 165.4 | 359.6 | 132.8 | 151.3 | 178.4 | 181.0 | 36594 |
| 78 | WESTLAKE VILLAGE | 55.3 | 25.9 | 0.0 | 99.4 | 32.0 | 102.5 | 8547 |
| 79 | WHITTIER | 74.3 | 122.1 | 55.3 | 122.1 | 202.6 | 119.8 | 87860 |
| 80 | WESTLAKE VILLAGE | 54.1 | 25.2 | 0.0 | 96.7 | 30.5 | 101.6 | 8547 |
| 81 | WHITTIER | 72.7 | 118.8 | 53.9 | 118.8 | 192.7 | 118.6 | 87860 |

Standardized crime rates for cities in Los Angeles County, average from 2014-2016

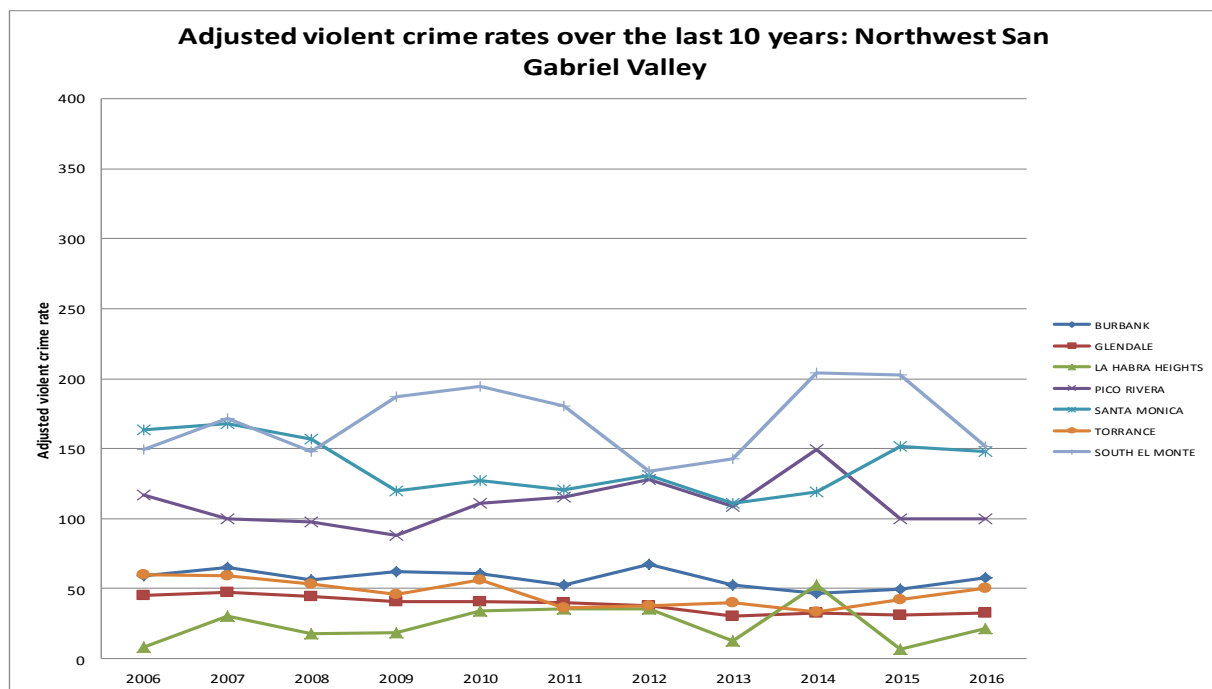
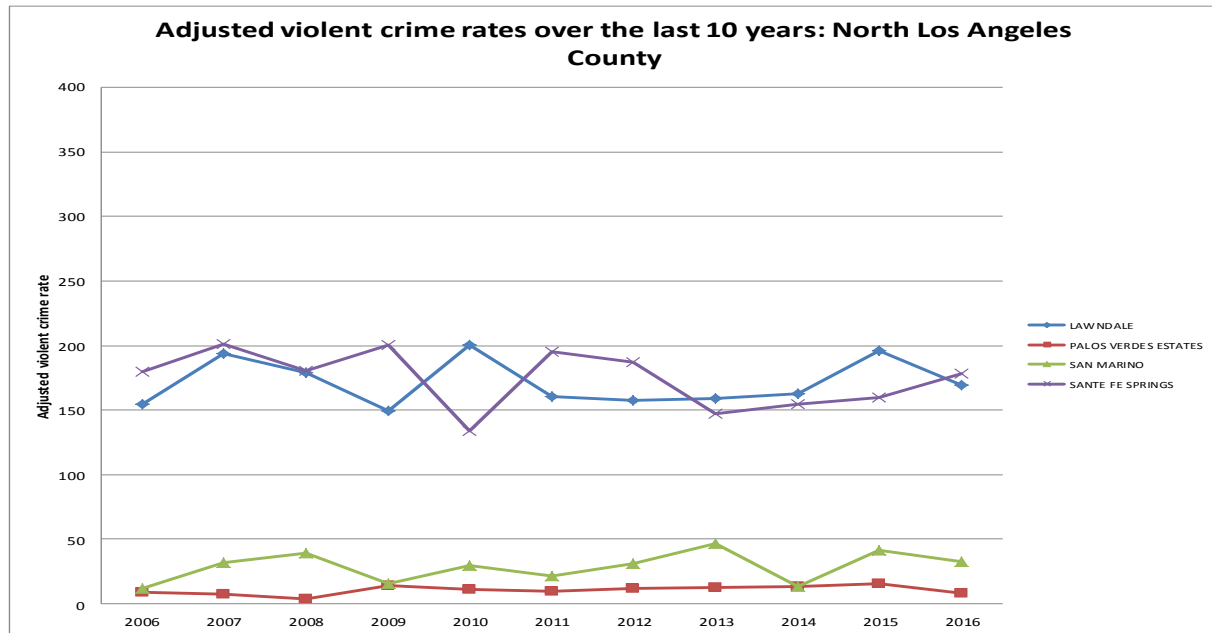
| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|----------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | AGOURA HILLS | 47.4 | 32.7 | 0.0 | 59.4 | 50.9 | 42.3 | 21032 |
| 2 | ALHAMBRA | 90.1 | 235.7 | 61.1 | 106.0 | 230.3 | 83.9 | 86035 |
| 3 | ARCADIA | 44.0 | 96.5 | 52.1 | 82.4 | 57.7 | 71.7 | 58816 |
| 4 | ARTESIA | 116.6 | 144.2 | 129.7 | 139.9 | 100.0 | 62.3 | 17049 |
| 5 | AZUSA | ... | ... | ... | ... | ... | ... | 50393 |
| 6 | BALDWIN PARK | 123.2 | 135.2 | 226.1 | 134.8 | 165.7 | 49.8 | 77400 |
| 7 | BELL | 165.3 | 256.1 | 267.5 | 75.8 | 179.6 | 43.8 | 36347 |
| 8 | BELL GARDENS | 251.9 | 289.8 | 208.9 | 121.5 | 290.0 | 52.2 | 43316 |
| 9 | BELLFLOWER | 199.1 | 269.8 | 113.2 | 144.6 | 285.9 | 80.1 | 78806 |
| 10 | BEVERLY HILLS | 52.3 | 128.5 | 0.0 | 111.3 | 65.4 | 118.5 | 35018 |
| 11 | BURBANK | 74.0 | 85.1 | 69.3 | 75.5 | 179.2 | 81.5 | 105720 |
| 12 | CALABASAS | 28.9 | 23.0 | 0.0 | 34.0 | 31.1 | 21.5 | 24492 |
| 13 | CARSON | 313.0 | 276.6 | 252.4 | 96.4 | 288.7 | 70.5 | 93613 |
| 14 | CERRITOS | 107.3 | 200.7 | 0.0 | 317.2 | 388.1 | 227.6 | 50159 |
| 15 | CLAREMONT | 44.1 | 80.5 | 41.2 | 94.5 | 54.7 | 65.8 | 36553 |
| 16 | COMMERCE | 452.5 | 777.9 | 767.0 | 192.0 | 1211.8 | 262.2 | 13128 |
| 17 | COMPTON | 356.6 | 393.8 | 712.0 | 67.5 | 275.2 | 45.4 | 98861 |
| 18 | COVINA | 97.0 | 174.1 | 61.8 | 114.5 | 239.1 | 98.2 | 49222 |
| 19 | CUDAHY | 237.0 | 237.6 | 250.9 | 39.5 | 152.3 | 34.7 | 24411 |
| 20 | CULVER CITY | 59.3 | 238.5 | 150.6 | 95.5 | 132.2 | 108.9 | 39880 |
| 21 | DIAMOND BAR | 69.2 | 64.3 | 75.7 | 82.7 | 82.6 | 41.8 | 57162 |
| 22 | DOWNEY | 84.5 | 230.1 | 85.8 | 90.9 | 343.0 | 85.0 | 114704 |
| 23 | DUARTE | 100.6 | 101.7 | 66.3 | 57.1 | 119.1 | 46.1 | 22120 |
| 24 | EL MONTE | 66.5 | 159.7 | 141.1 | 205.9 | 271.0 | 106.7 | 117354 |
| 25 | EL SEGUNDO | 61.0 | 119.7 | 47.5 | 156.0 | 172.5 | 120.1 | 17113 |
| 26 | GARDENA | 232.6 | 657.5 | 242.3 | 126.8 | 372.3 | 67.5 | 60770 |
| 27 | GLENDALE | 52.6 | 106.6 | 71.0 | 125.8 | 146.8 | 92.8 | 202903 |
| 28 | GLENDORA | 31.6 | 47.9 | 0.0 | 52.8 | 51.5 | 78.5 | 52380 |
| 29 | HAWAIIAN GARDENS | 186.7 | 391.5 | 265.7 | 146.8 | 241.1 | 56.9 | 14654 |
| 30 | HAWTHORNE | 107.5 | 215.5 | 126.5 | 104.3 | 173.8 | 73.6 | 89299 |
| 31 | HUNTINGTON PARK | 174.1 | 447.6 | 204.4 | 149.9 | 550.3 | 81.5 | 59692 |
| 32 | INGLEWOOD | 158.2 | 535.9 | 511.2 | 189.8 | 332.0 | 82.2 | 112059 |
| 33 | LA CANADA FLINTRIDGE | 23.6 | 26.6 | 0.0 | 77.0 | 23.4 | 38.1 | 20659 |
| 34 | LA HABRA HEIGHTS | 49.7 | 25.4 | 113.6 | 79.2 | 37.1 | 31.9 | 5480 |
| 35 | LA MIRADA | 121.5 | 97.7 | 64.6 | 72.1 | 151.3 | 55.5 | 49715 |
| 36 | LA PUENTE | 248.8 | 195.4 | 136.6 | 179.9 | 166.2 | 84.8 | 40928 |
| 37 | LA VERNE | ... | ... | ... | ... | ... | ... | . |
| 38 | LAKEWOOD | 100.8 | 170.1 | 73.9 | 118.7 | 171.7 | 98.4 | 81921 |
| 39 | LANCASTER | 343.3 | 193.9 | 94.7 | 168.1 | 222.0 | 98.9 | 161963 |
| 40 | LAWNDALE | 227.7 | 443.6 | 187.3 | 247.1 | 203.0 | 75.7 | 33560 |

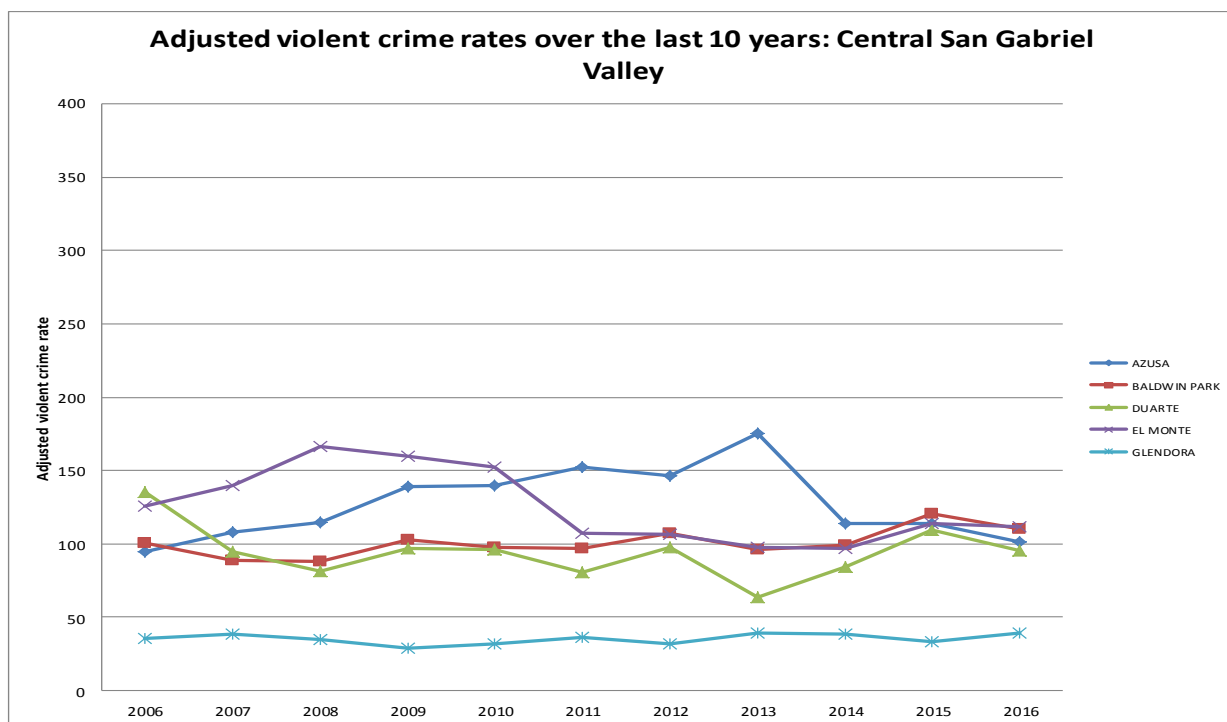
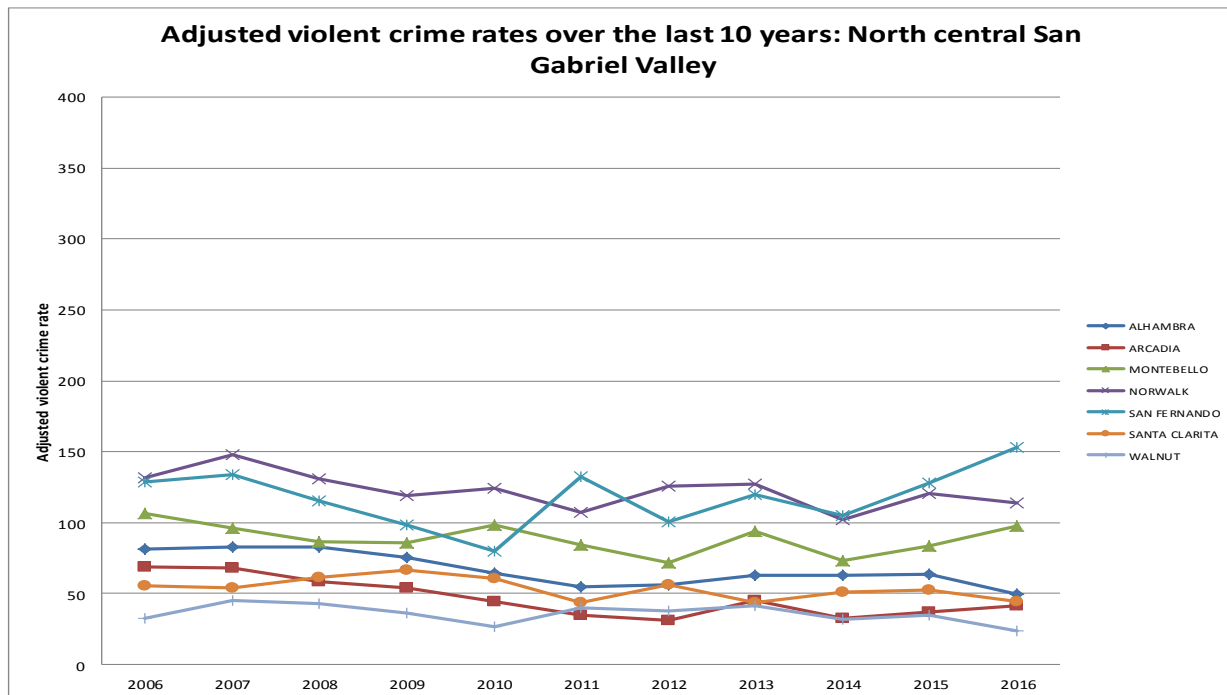
| | | | | | | | | |
|----|-----------------------|-------|-------|-------|-------|-------|-------|---------|
| 41 | LOMITA | 169.5 | 117.8 | 0.0 | 85.9 | 112.7 | 56.2 | 20889 |
| 42 | LONG BEACH | 274.6 | 553.3 | 311.0 | 179.4 | 369.1 | 125.2 | 476476 |
| 43 | LOS ANGELES | 123.3 | 238.2 | 160.6 | 54.3 | 137.2 | 60.6 | 4007905 |
| 44 | LYNWOOD | 164.6 | 264.3 | 225.8 | 54.8 | 325.3 | 32.6 | 72471 |
| 45 | MALIBU | 56.5 | 56.1 | 82.2 | 86.3 | 80.7 | 64.5 | 13030 |
| 46 | MANHATTAN BEACH | 35.0 | 117.0 | 88.5 | 176.2 | 108.9 | 103.3 | 35955 |
| 47 | MAYWOOD | 104.8 | 162.5 | 143.0 | 92.3 | 165.2 | 52.1 | 27985 |
| 48 | MONROVIA | 37.4 | 52.7 | 39.0 | 44.8 | 83.2 | 69.0 | 37637 |
| 49 | MONTEBELLO | 205.8 | 292.3 | 101.2 | 193.0 | 326.0 | 86.1 | 64206 |
| 50 | MONTEREY PARK | 89.8 | 233.0 | 96.3 | 112.2 | 230.3 | 58.2 | 61710 |
| 51 | NORWALK | 244.8 | 196.7 | 135.8 | 87.4 | 258.5 | 51.5 | 107453 |
| 52 | PALMDALE | 385.9 | 202.0 | 124.6 | 197.0 | 302.6 | 105.6 | 159441 |
| 53 | PALOS VERDES ESTATES | 26.5 | 20.8 | 106.4 | 93.5 | 30.9 | 48.6 | 13730 |
| 54 | PARAMOUNT | 225.2 | 329.3 | 220.8 | 234.2 | 251.0 | 101.3 | 55673 |
| 55 | PASADENA | 122.6 | 259.2 | 166.6 | 193.5 | 147.0 | 109.4 | 143288 |
| 56 | PICO RIVERA | 174.3 | 181.3 | 246.1 | 131.1 | 181.7 | 57.4 | 64469 |
| 57 | RANCHO PALOS VERDES | 22.9 | 18.2 | 0.0 | 43.3 | 20.0 | 27.9 | 42947 |
| 58 | REDONDO BEACH | 94.0 | 156.1 | 82.0 | 115.5 | 178.7 | 103.0 | 68447 |
| 59 | ROLLING HILLS ESTATES | 64.7 | 67.3 | 0.0 | 62.0 | 30.8 | 48.8 | 8297 |
| 60 | ROSEMEAD | 162.0 | 211.8 | 99.5 | 130.9 | 149.4 | 74.1 | 55129 |
| 61 | SAN DIMAS | 126.3 | 91.2 | 0.0 | 93.5 | 107.4 | 65.1 | 34884 |
| 62 | SAN FERNANDO | 104.2 | 159.6 | 102.7 | 65.3 | 211.7 | 44.6 | 25194 |
| 63 | SAN GABRIEL | 94.6 | 201.0 | 90.0 | 114.3 | 148.0 | 62.5 | 40580 |
| 64 | SAN MARINO | 14.3 | 33.3 | 0.0 | 76.4 | 17.2 | 51.3 | 13528 |
| 65 | SANTA CLARITA | 31.4 | 51.0 | 20.0 | 37.7 | 59.0 | 35.4 | 219611 |
| 66 | SANTA MONICA | 99.6 | 151.7 | 31.7 | 79.8 | 66.5 | 116.8 | 93921 |
| 67 | SANTE FE SPRINGS | 244.3 | 304.8 | 481.3 | 277.0 | 400.5 | 215.1 | 18401 |
| 68 | SIERRA MADRE | 40.4 | 16.6 | 0.0 | 71.3 | 34.2 | 29.4 | 11212 |
| 69 | SIGNAL HILL | 200.2 | 260.3 | 126.2 | 232.1 | 371.6 | 159.8 | 11677 |
| 70 | SOUTH EL MONTE | 231.3 | 174.8 | 160.8 | 189.3 | 289.3 | 89.8 | 21032 |
| 71 | SOUTH GATE | 120.9 | 328.4 | 220.4 | 203.7 | 276.1 | 87.2 | 96791 |
| 72 | SOUTH PASADENA | 41.1 | 157.3 | 30.0 | 96.2 | 164.0 | 77.8 | 26256 |
| 73 | TEMPLE CITY | 87.9 | 71.3 | 30.1 | 112.5 | 90.9 | 50.4 | 36527 |
| 74 | TORRANCE | 62.1 | 132.6 | 36.5 | 85.5 | 181.3 | 80.9 | 149078 |
| 75 | WALNUT | 55.2 | 60.2 | 70.3 | 73.5 | 56.8 | 31.7 | 30447 |
| 76 | WEST COVINA | 67.3 | 124.0 | 89.1 | 65.9 | 176.8 | 82.0 | 108950 |
| 77 | WEST HOLLYWOOD | 245.6 | 446.4 | 115.9 | 165.3 | 262.3 | 148.2 | 36594 |
| 78 | WESTLAKE VILLAGE | 36.3 | 28.0 | 0.0 | 70.0 | 42.9 | 60.3 | 8547 |
| 79 | WHITTIER | 55.4 | 79.9 | 16.7 | 83.9 | 115.5 | 81.3 | 87860 |
| 80 | WESTLAKE VILLAGE | 29.7 | 23.2 | 0.0 | 56.9 | 23.4 | 60.5 | 8547 |
| 81 | WHITTIER | 47.7 | 118.7 | 70.9 | 150.9 | 120.7 | 96.2 | 87860 |

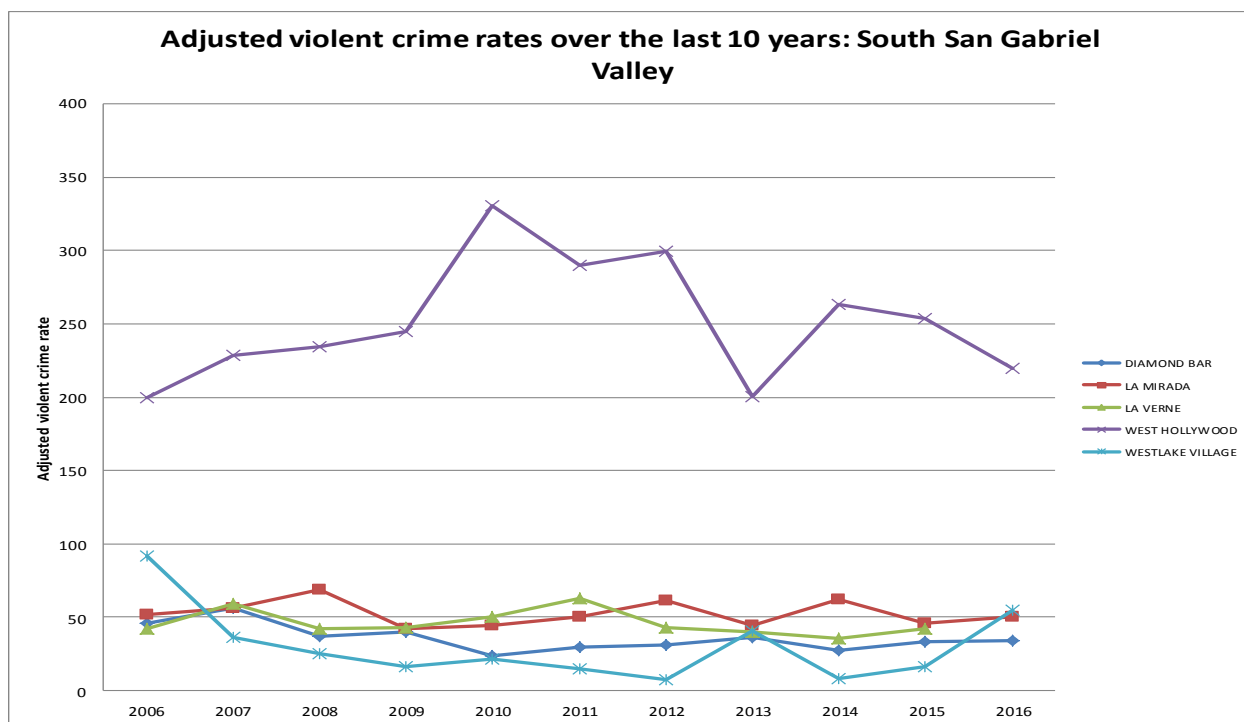
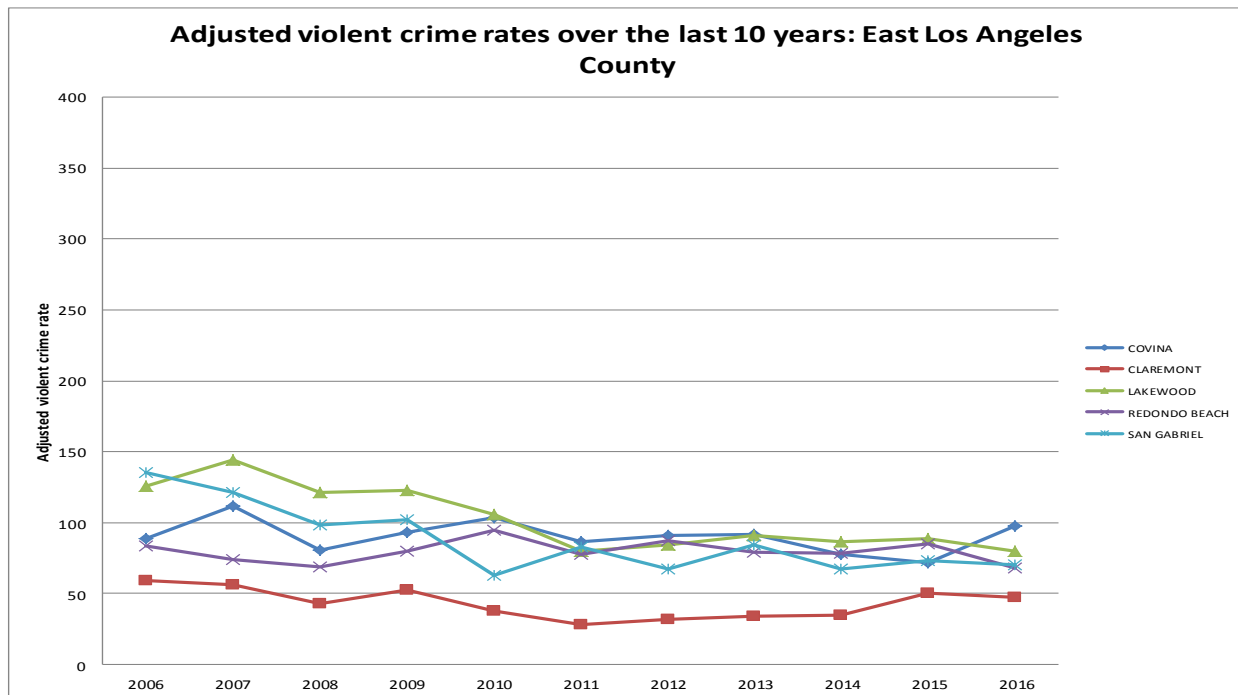


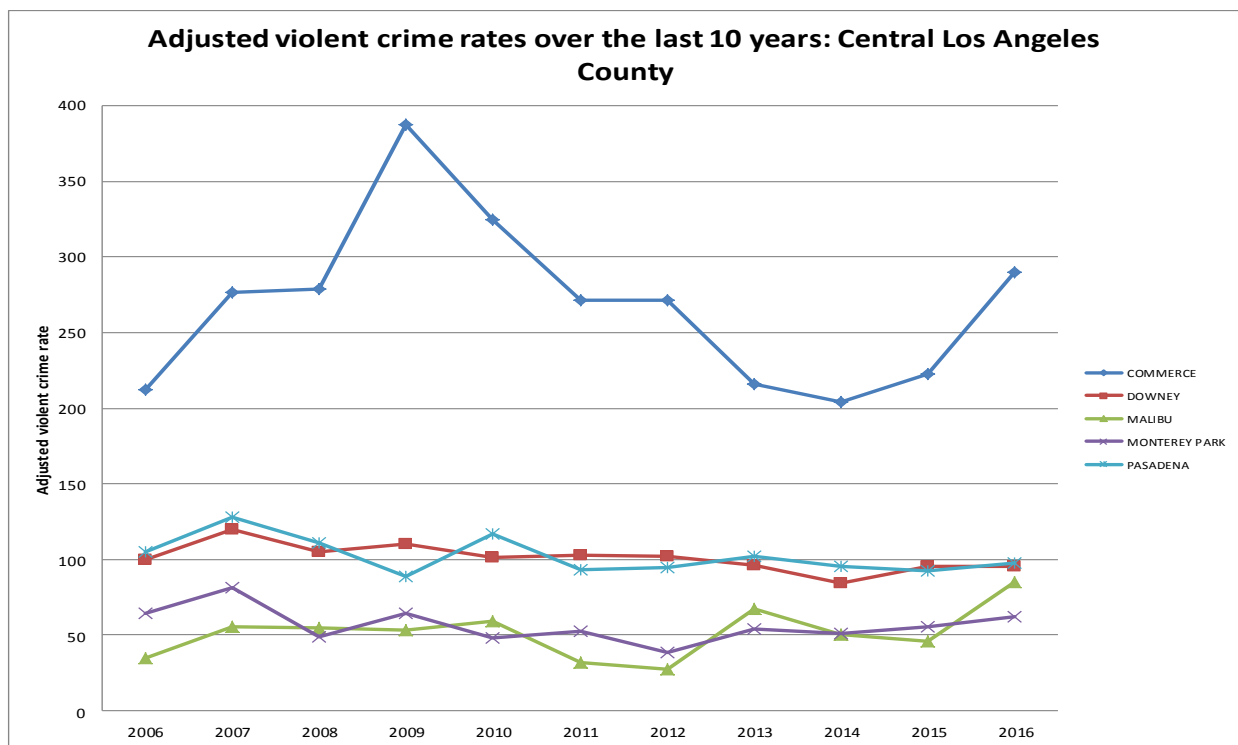
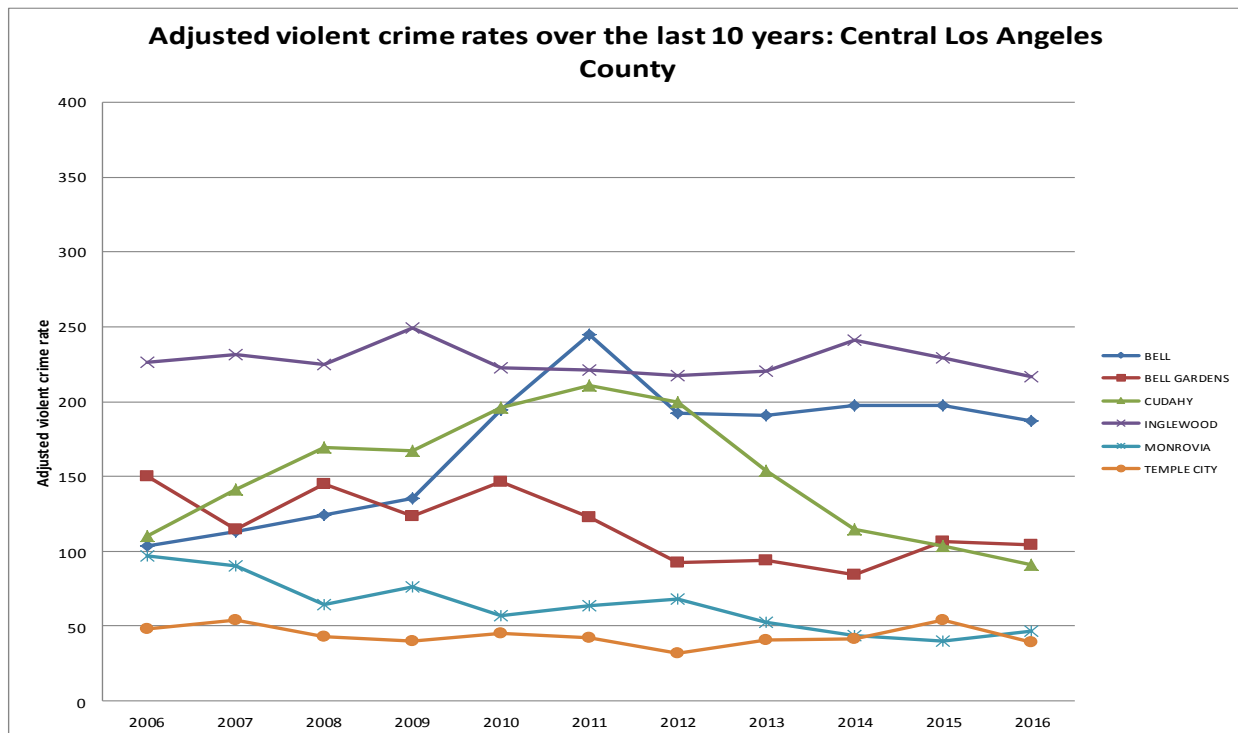


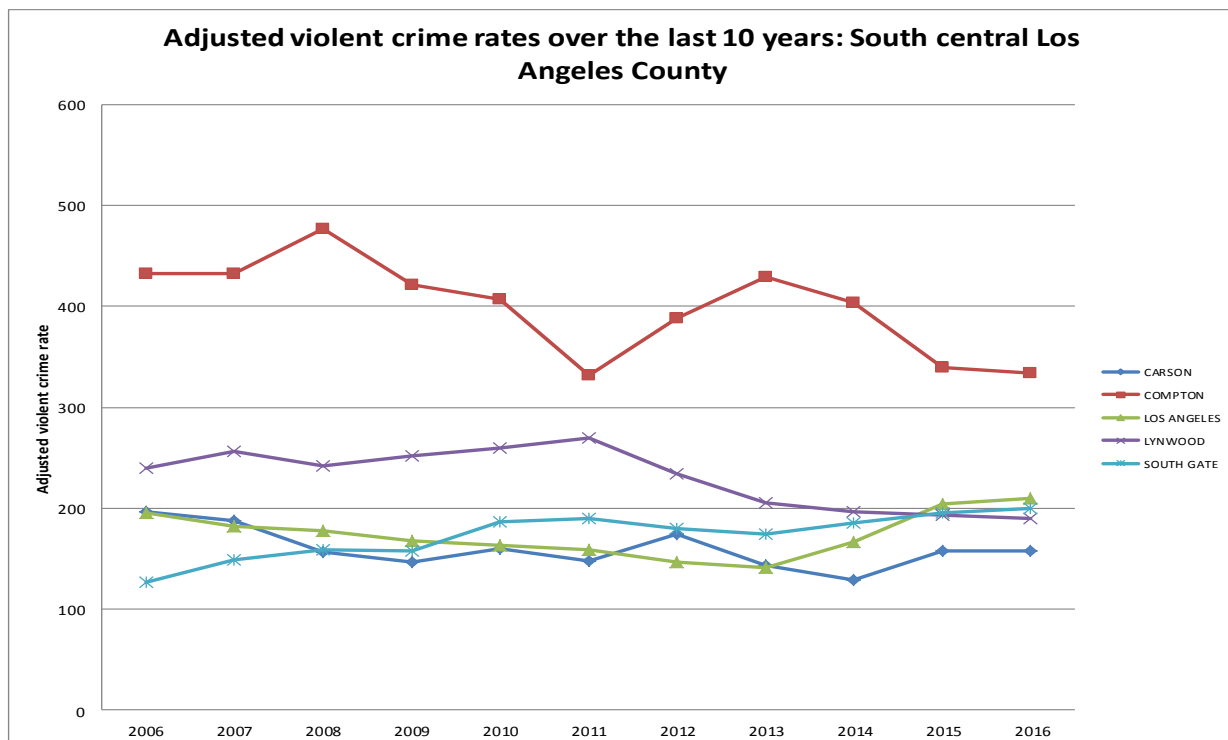
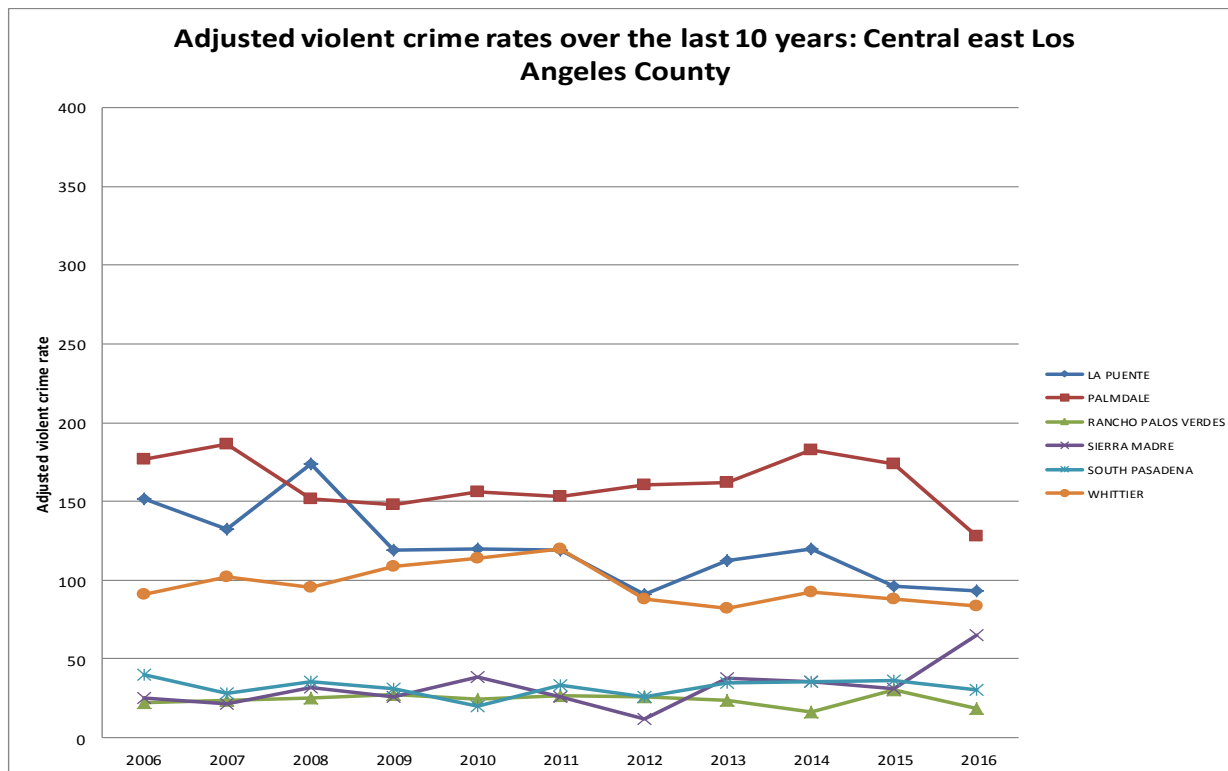
Adjusted violent crime rates for cities in Los Angeles County - last 10 years

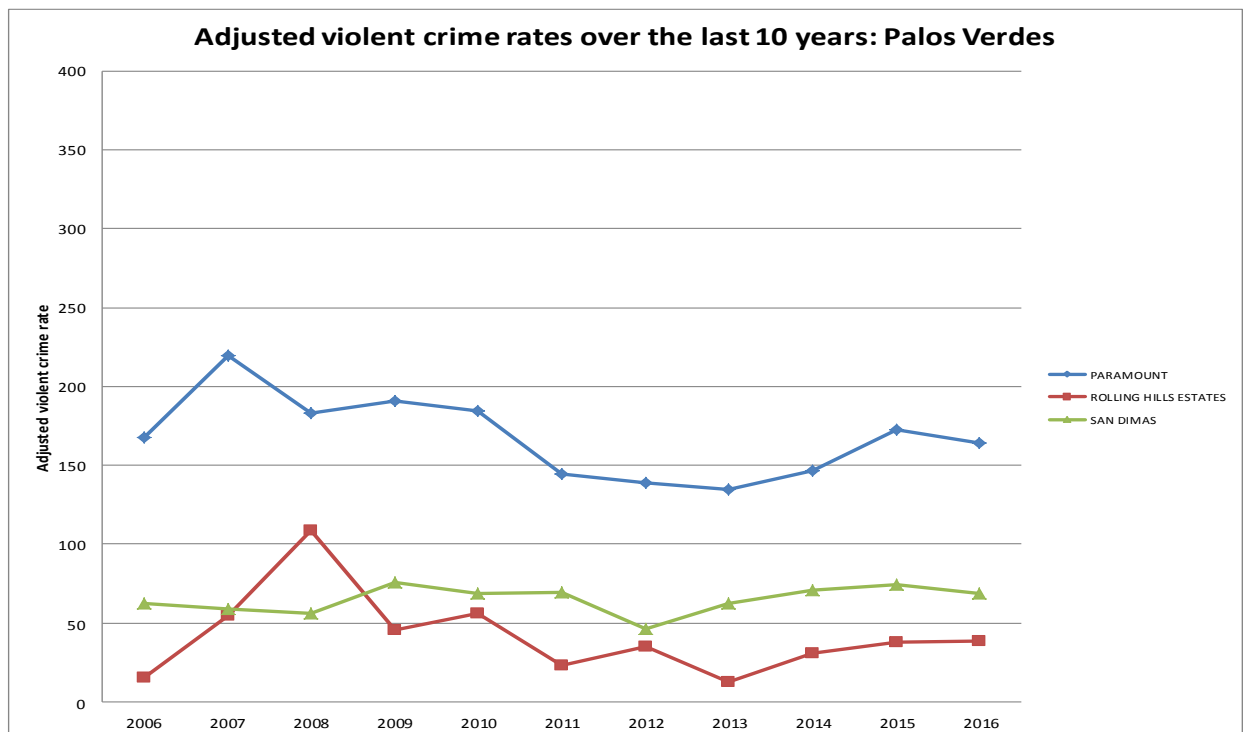
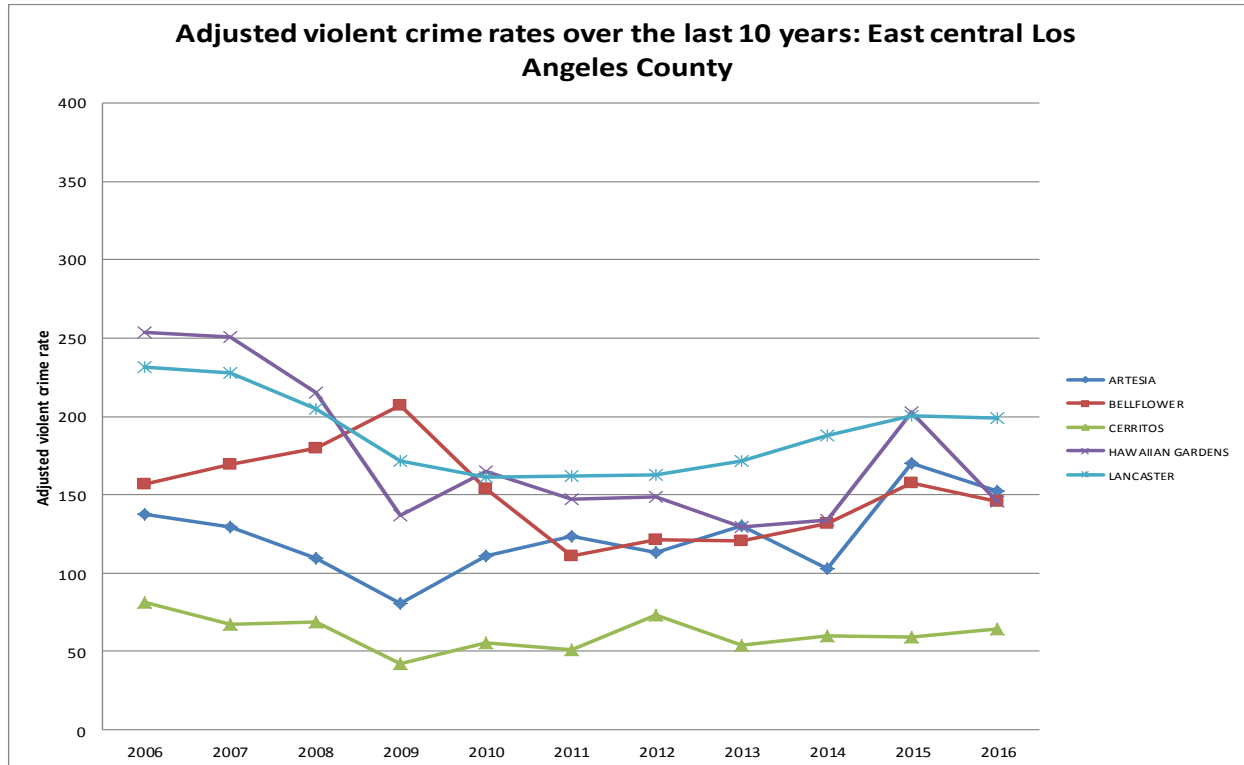


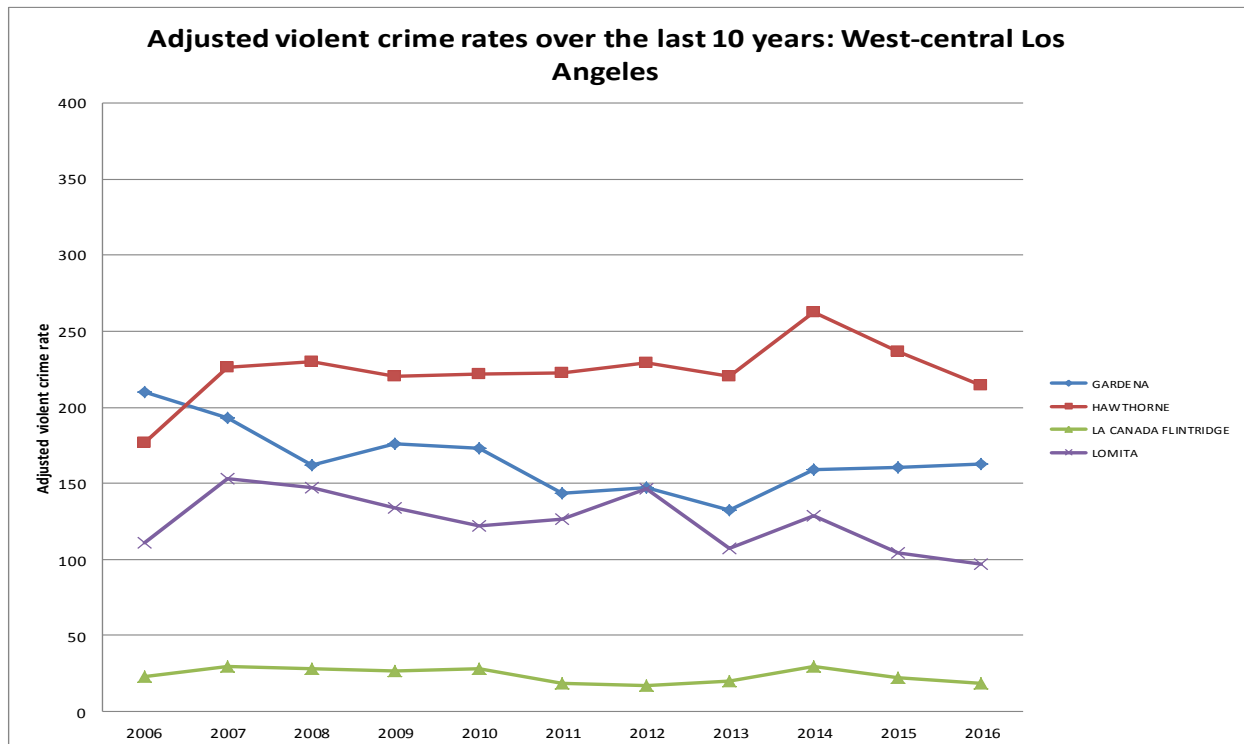
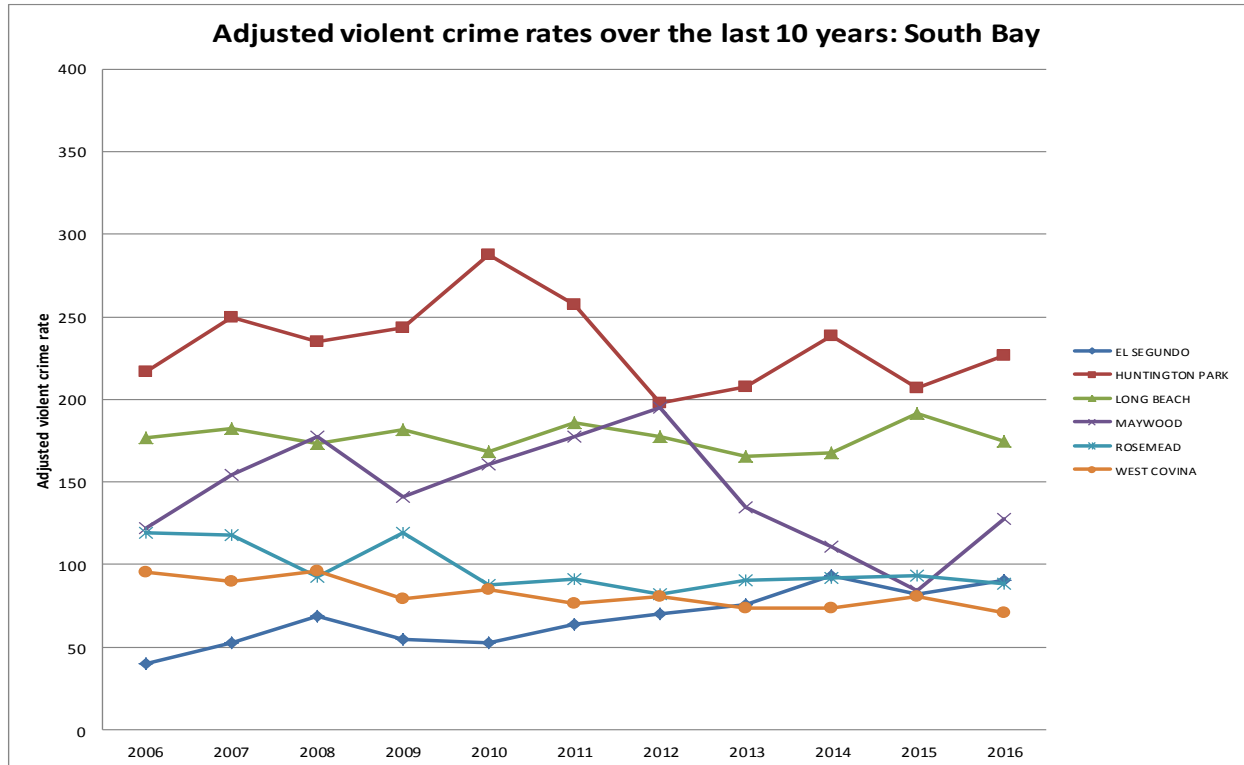


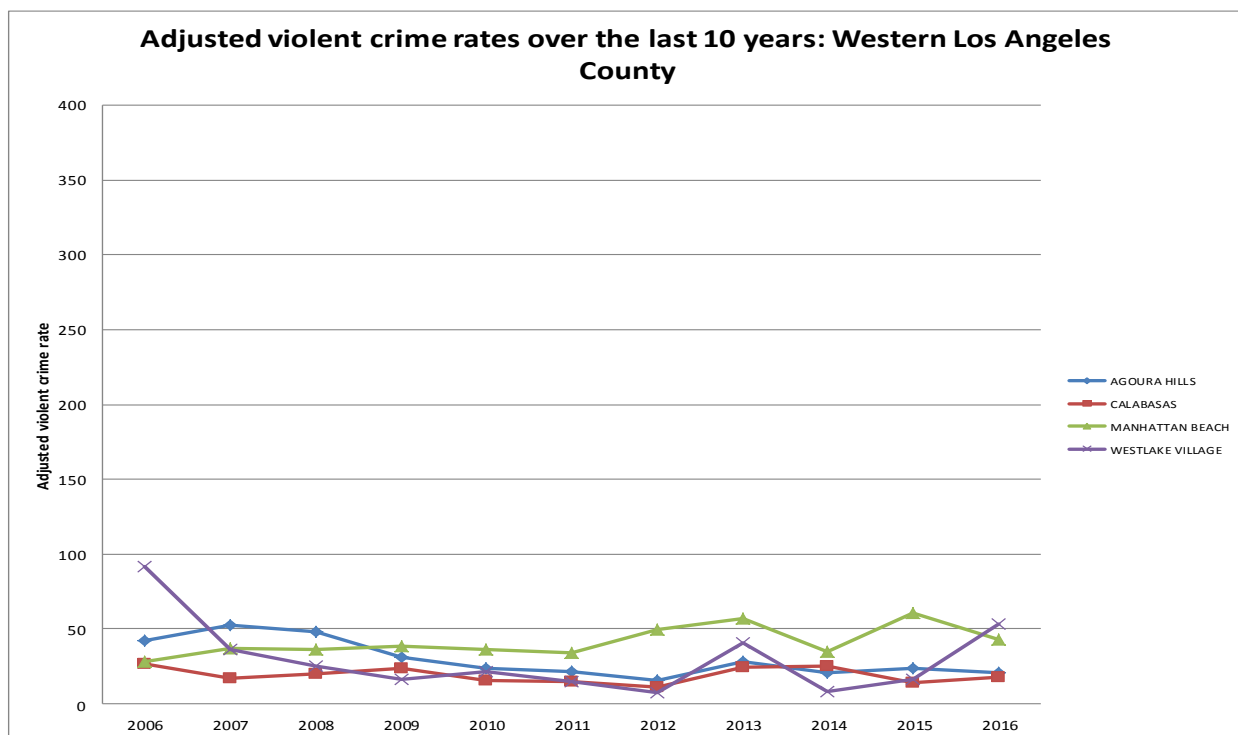
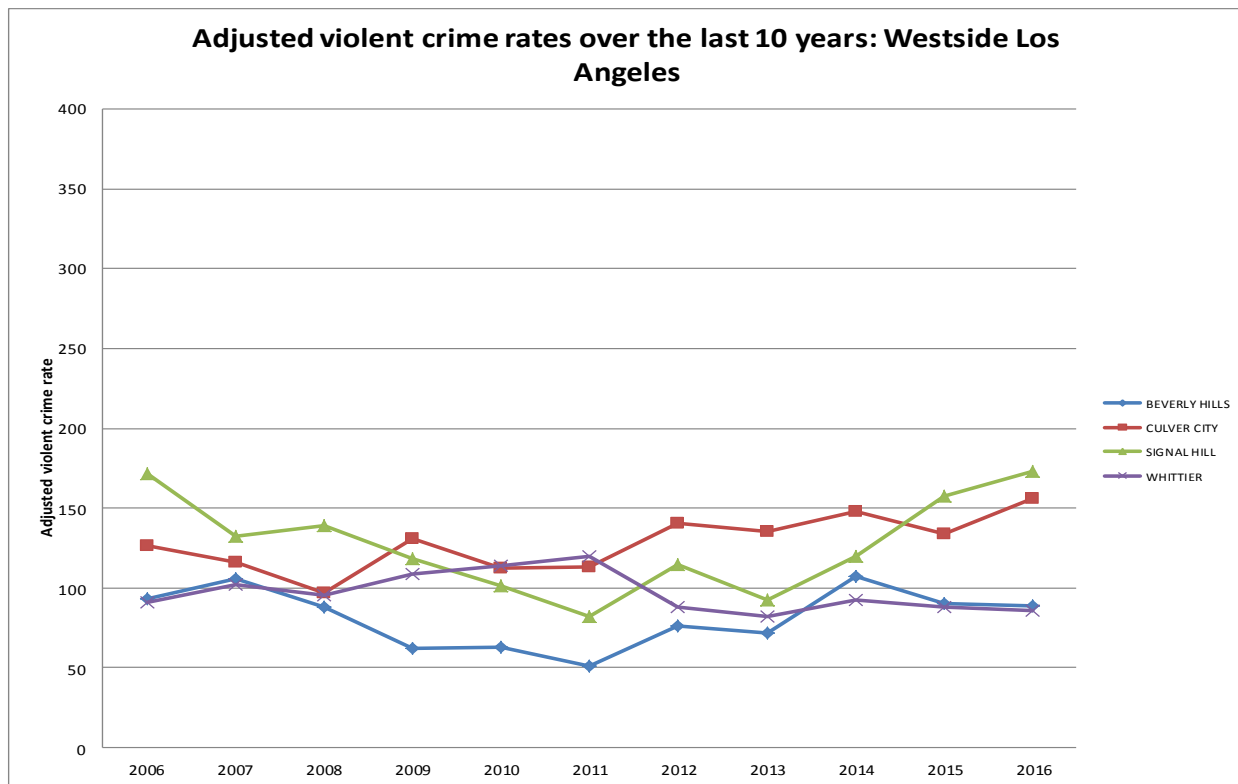












Orange County

This section shows the crime rate trends for Orange County cities. The first table shows the adjusted crime rate in the most recent year (2016) for all cities. The second table shows the average adjusted crime rate over the three most recent years (2014-16) for all cities.

After the two tables, we then display Figures showing the 10 year trajectory of the violent crime rate for the cities in the county.

These cities are clustered geographically into city clusters, and the map shows the clustering of cities for these figures. For each Figure, the scale is typically from 0 to 400. Thus, the bottom value is a city with no violent crime, whereas 400 indicates a city with a violent crime rate 300% higher than the regional average ($400 - 100 = 300$). For a few of the Figures, we had to extend the scale if certain cities had particularly high violent crime rates.



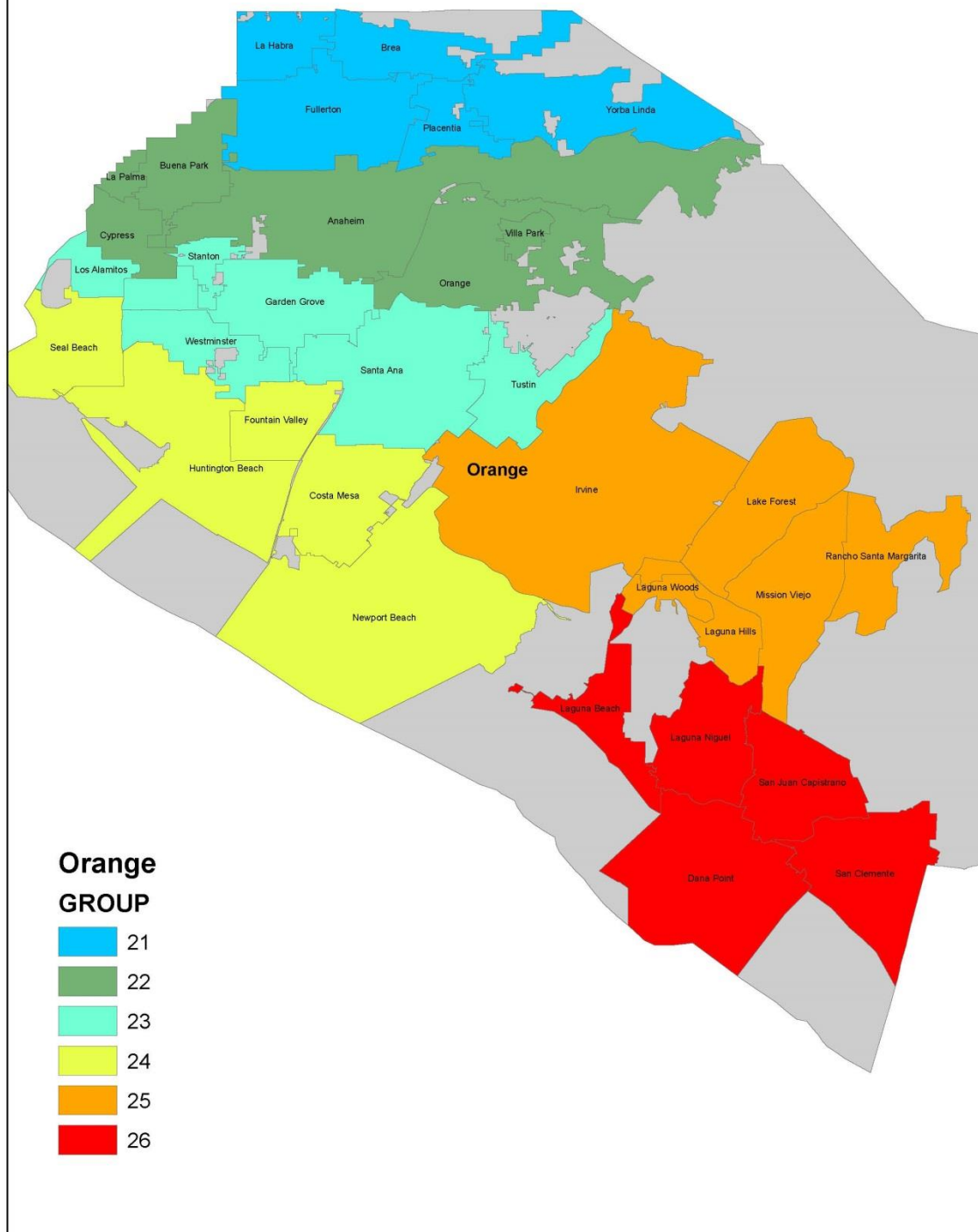
Standardized crime rates for cities in Orange County, 2016

| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|------------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | ALISO VIEJO | 18.7 | 10.9 | 0.0 | 27.7 | 24.4 | 34.7 | 50604 |
| 2 | ANAHEIM | 92.2 | 122.0 | 48.1 | 95.4 | 178.7 | 104.1 | 353504 |
| 3 | BREA | 63.5 | 75.5 | 0.0 | 101.7 | 79.5 | 149.8 | 42465 |
| 4 | BUENA PARK | 86.9 | 103.0 | 29.0 | 88.3 | 204.4 | 122.9 | 83768 |
| 5 | COSTA MESA | 85.6 | 140.9 | 21.3 | 148.3 | 232.2 | 157.6 | 113816 |
| 6 | CYPRESS | 31.5 | 49.1 | 49.0 | 68.6 | 100.4 | 57.7 | 49557 |
| 7 | DANA POINT | 49.6 | 54.7 | 0.0 | 80.9 | 50.5 | 63.4 | 34349 |
| 8 | FOUNTAIN VALLEY | 34.7 | 40.5 | 0.0 | 98.6 | 99.6 | 101.8 | 57291 |
| 9 | FULLERTON | 62.3 | 73.2 | 85.6 | 73.8 | 129.6 | 105.1 | 141968 |
| 10 | GARDEN GROVE | 85.1 | 116.7 | 55.2 | 112.2 | 174.1 | 86.1 | 176230 |
| 11 | HUNTINGTON BEACH | 53.1 | 41.2 | 23.8 | 73.2 | 91.9 | 92.4 | 204071 |
| 12 | IRVINE | 9.9 | 21.6 | 27.3 | 55.1 | 30.6 | 59.6 | 266663 |
| 13 | LA HABRA | 43.9 | 61.9 | 38.9 | 87.1 | 116.9 | 83.2 | 62483 |
| 14 | LA PALMA | 77.0 | 69.2 | 0.0 | 202.7 | 91.4 | 66.8 | 15975 |
| 15 | LAGUNA BEACH | 169.1 | 80.0 | 0.0 | 131.0 | 116.6 | 104.8 | 23486 |
| 16 | LAGUNA HILLS | 29.5 | 31.1 | 0.0 | 76.7 | 68.4 | 64.7 | 32045 |
| 17 | LAGUNA NIGUEL | 24.2 | 36.7 | 0.0 | 42.9 | 41.3 | 46.5 | 66352 |
| 18 | LAKE FOREST | 42.5 | 17.2 | 0.0 | 37.1 | 42.6 | 34.7 | 83511 |
| 19 | LOS ALAMITOS | 28.1 | 37.6 | 0.0 | 142.4 | 65.9 | 59.6 | 11774 |
| 20 | MISSION VIEJO | 20.8 | 28.2 | 0.0 | 37.5 | 25.6 | 42.7 | 97950 |
| 21 | NEWPORT BEACH | 31.4 | 21.5 | 27.8 | 114.7 | 83.5 | 102.3 | 87482 |
| 22 | ORANGE | 48.3 | 44.4 | 17.1 | 75.1 | 116.2 | 68.4 | 141841 |
| 23 | PLACENTIA | 45.7 | 48.2 | 46.0 | 88.3 | 70.9 | 52.1 | 52800 |
| 24 | RANCHO SANTA MARGARITA | 34.3 | 22.3 | 0.0 | 20.8 | 14.7 | 22.6 | 49606 |
| 25 | SAN CLEMENTE | 31.6 | 35.2 | 0.0 | 64.1 | 47.1 | 45.2 | 65915 |
| 26 | SAN JUAN CAPISTRANO | 79.7 | 45.1 | 66.0 | 67.4 | 65.7 | 40.7 | 36798 |
| 27 | SANTA ANA | 131.2 | 167.5 | 165.6 | 76.2 | 263.5 | 63.1 | 337419 |
| 28 | SEAL BEACH | 42.1 | 17.9 | 98.3 | 74.3 | 75.7 | 93.6 | 24721 |
| 29 | STANTON | 73.8 | 158.5 | 0.0 | 70.6 | 169.4 | 65.3 | 39066 |
| 30 | TUSTIN | 41.1 | 46.1 | 59.5 | 64.4 | 92.3 | 94.1 | 81642 |
| 31 | VILLA PARK | 15.8 | 18.5 | 0.0 | 84.3 | 22.9 | 51.8 | 5991 |
| 32 | WESTMINSTER | 91.9 | 114.7 | 52.5 | 131.2 | 166.2 | 109.0 | 92582 |
| 33 | YORBA LINDA | 16.5 | 9.7 | 0.0 | 50.1 | 40.5 | 40.7 | 68702 |

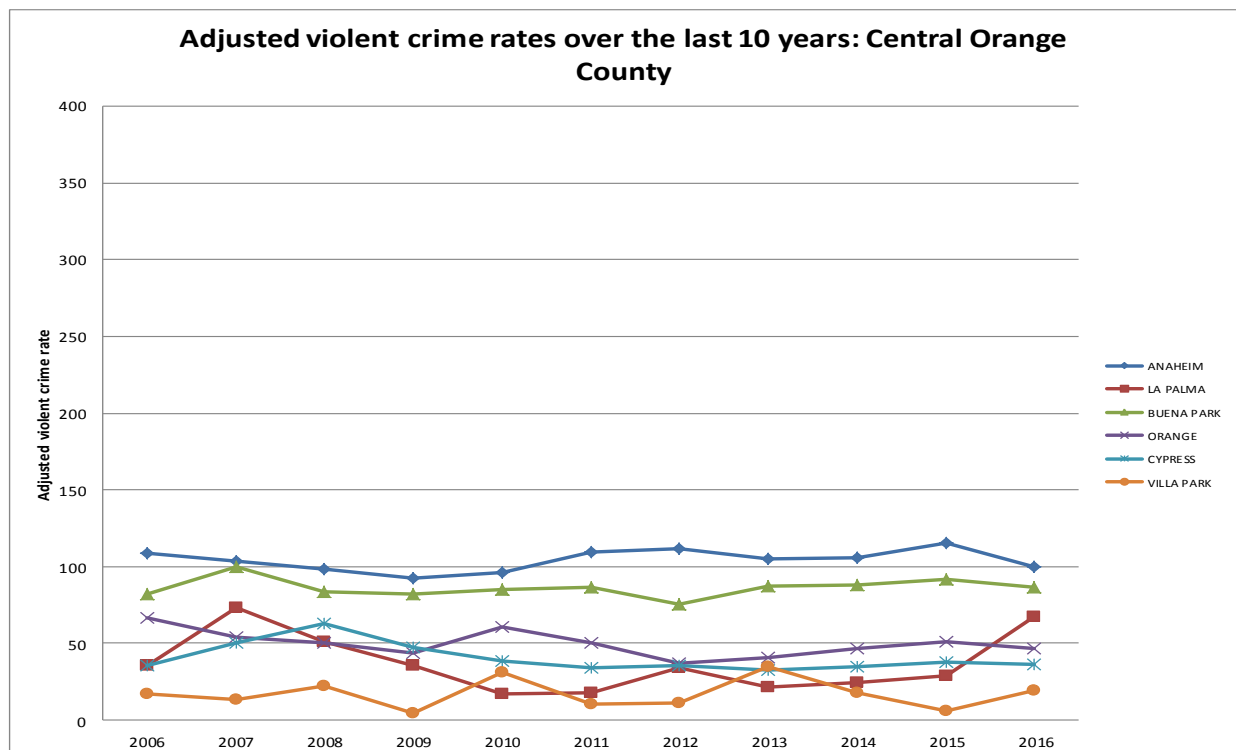
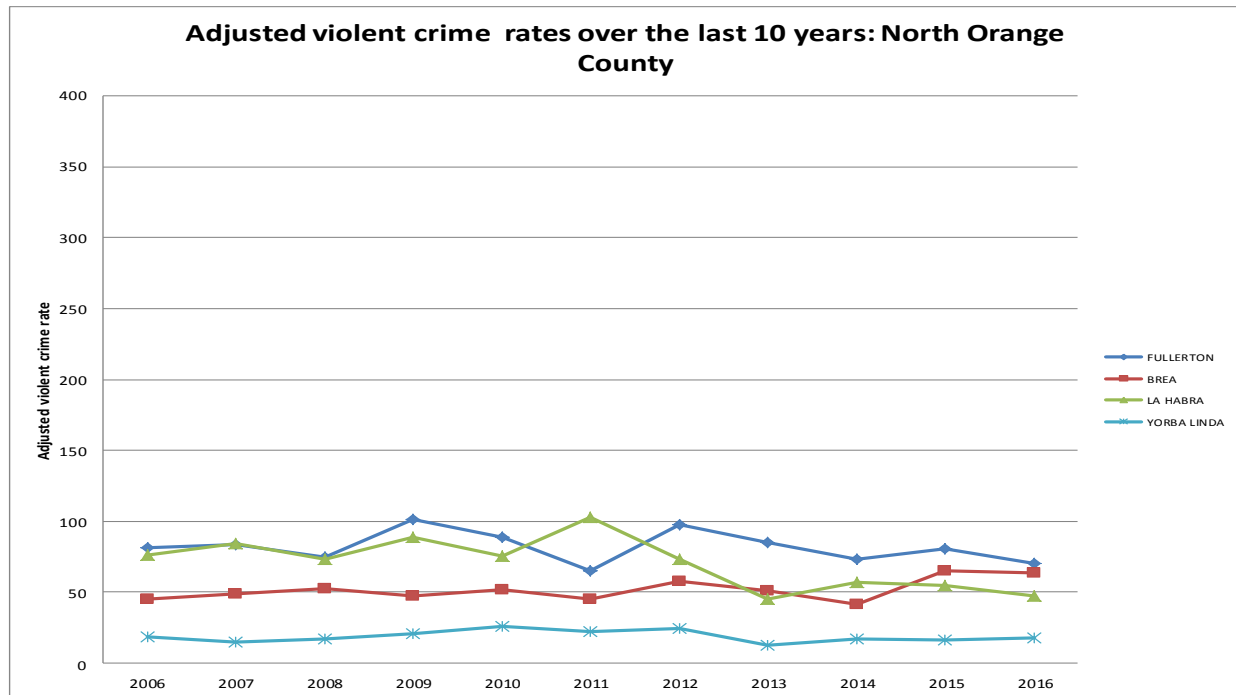
Standardized crime rates for cities in Orange County, average from 2014-2016

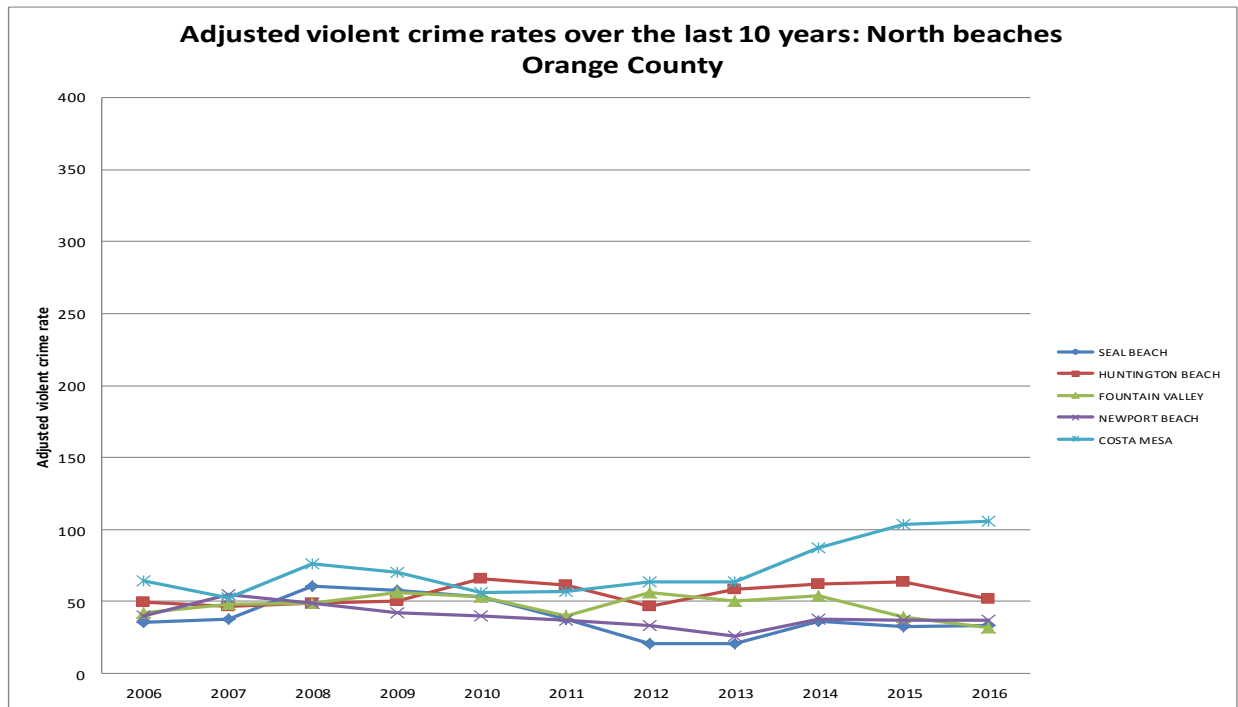
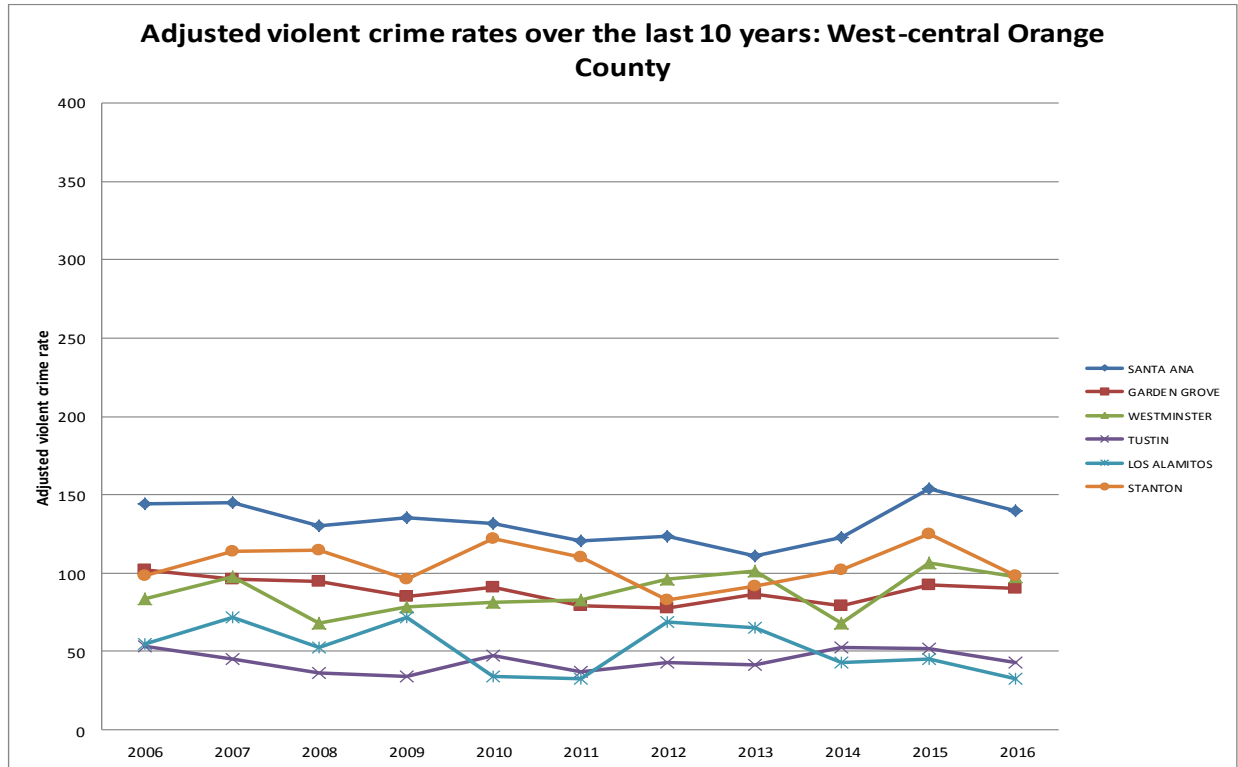
| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|------------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | ALISO VIEJO | 16.8 | 9.1 | 0.0 | 15.4 | 16.7 | 25.5 | 50604 |
| 2 | ANAHEIM | 91.3 | 203.0 | 79.6 | 226.8 | 201.0 | 122.4 | 353504 |
| 3 | BREA | 52.2 | 75.7 | 0.0 | 61.2 | 73.3 | 107.3 | 42465 |
| 4 | BUENA PARK | 65.3 | 78.4 | 83.8 | 65.8 | 139.1 | 67.6 | 83768 |
| 5 | COSTA MESA | 82.2 | 104.5 | 27.6 | 114.2 | 177.1 | 129.6 | 113816 |
| 6 | CYPRESS | 68.5 | 93.6 | 48.8 | 100.5 | 114.7 | 89.5 | 49557 |
| 7 | DANA POINT | 50.9 | 38.5 | 0.0 | 52.3 | 42.4 | 50.2 | 34349 |
| 8 | FOUNTAIN VALLEY | 32.1 | 82.0 | 0.0 | 140.9 | 71.2 | 104.8 | 57291 |
| 9 | FULLERTON | 45.5 | 56.9 | 43.8 | 50.5 | 92.2 | 90.3 | 141968 |
| 10 | GARDEN GROVE | 66.6 | 148.2 | 64.3 | 225.3 | 123.3 | 126.3 | 176230 |
| 11 | HUNTINGTON BEACH | 55.0 | 60.9 | 49.1 | 86.9 | 91.3 | 78.8 | 204071 |
| 12 | IRVINE | 19.5 | 27.0 | 8.3 | 60.0 | 53.3 | 68.8 | 266663 |
| 13 | LA HABRA | 62.9 | 72.1 | 47.7 | 51.6 | 88.7 | 61.6 | 62483 |
| 14 | LA PALMA | ... | ... | ... | ... | ... | ... | 15975 |
| 15 | LAGUNA BEACH | 104.8 | 140.0 | 0.0 | 259.5 | 121.3 | 119.9 | 23486 |
| 16 | LAGUNA HILLS | 38.8 | 32.6 | 33.8 | 46.3 | 50.0 | 59.4 | 32045 |
| 17 | LAGUNA NIGUEL | ... | ... | ... | ... | ... | ... | 66352 |
| 18 | LAKE FOREST | 54.7 | 36.1 | 18.8 | 49.7 | 45.2 | 47.4 | 83511 |
| 19 | LOS ALAMITOS | 52.1 | 130.9 | 0.0 | 160.9 | 111.6 | 105.1 | 11774 |
| 20 | MISSION VIEJO | ... | ... | ... | ... | ... | ... | 97950 |
| 21 | NEWPORT BEACH | 32.9 | 25.6 | 41.0 | 183.3 | 82.2 | 137.3 | 87482 |
| 22 | ORANGE | 116.7 | 106.6 | 44.1 | 172.8 | 116.7 | 115.1 | 141841 |
| 23 | PLACENTIA | 62.8 | 32.5 | 27.9 | 70.6 | 56.9 | 67.0 | 52800 |
| 24 | RANCHO SANTA MARGARITA | 30.9 | 18.5 | 0.0 | 11.6 | 10.1 | 16.6 | 49606 |
| 25 | SAN CLEMENTE | 33.2 | 28.7 | 12.2 | 37.4 | 33.5 | 36.3 | 65915 |
| 26 | SAN JUAN CAPISTRANO | 115.4 | 59.4 | 19.9 | 138.5 | 90.2 | 79.0 | 36798 |
| 27 | SANTA ANA | 119.9 | 276.1 | 220.7 | 77.6 | 240.8 | 87.8 | 337419 |
| 28 | SEAL BEACH | 80.4 | 70.7 | 84.8 | 60.7 | 86.3 | 54.3 | 24721 |
| 29 | STANTON | 132.8 | 153.7 | 159.8 | 154.8 | 207.6 | 86.0 | 39066 |
| 30 | TUSTIN | 72.1 | 97.2 | 45.4 | 110.3 | 156.2 | 116.0 | 81642 |
| 31 | VILLA PARK | 19.3 | 20.6 | 0.0 | 50.8 | 15.8 | 34.8 | 5991 |
| 32 | WESTMINSTER | 89.9 | 132.3 | 93.1 | 134.2 | 123.3 | 99.5 | 92582 |
| 33 | YORBA LINDA | 19.5 | 15.1 | 44.3 | 29.3 | 28.8 | 38.3 | 68702 |

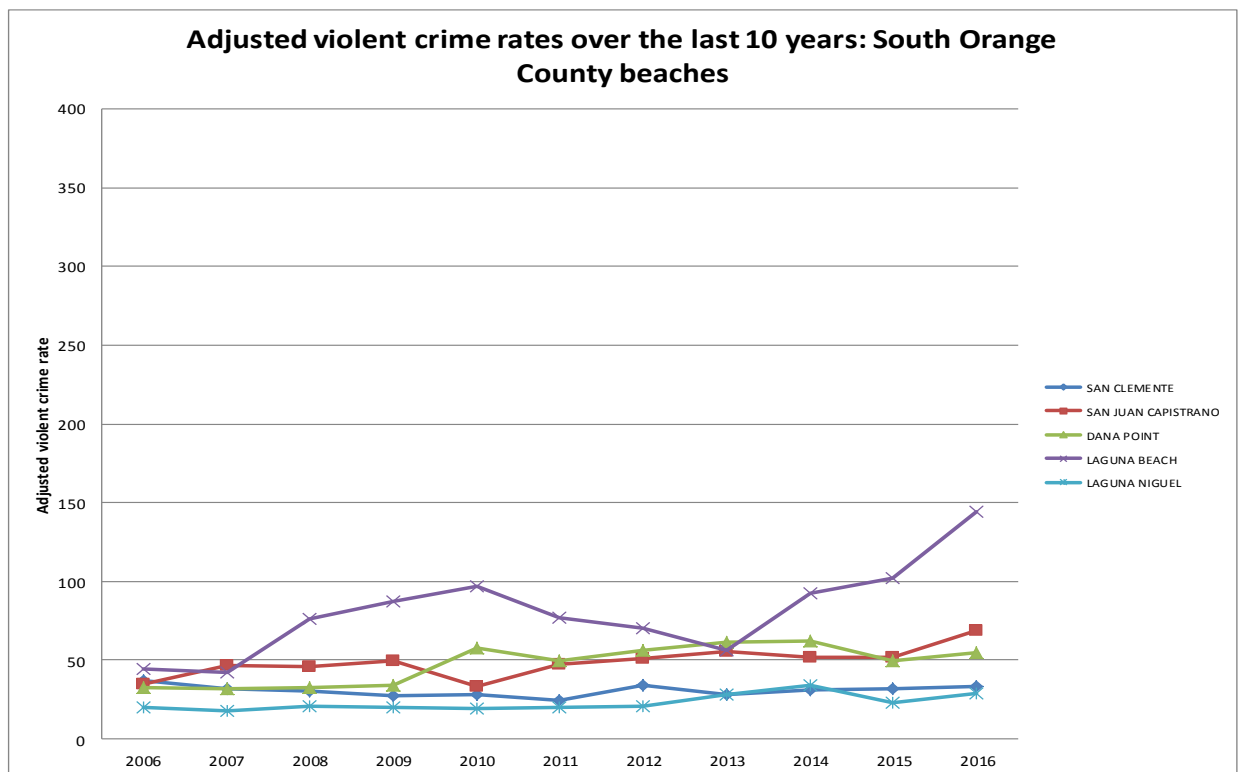
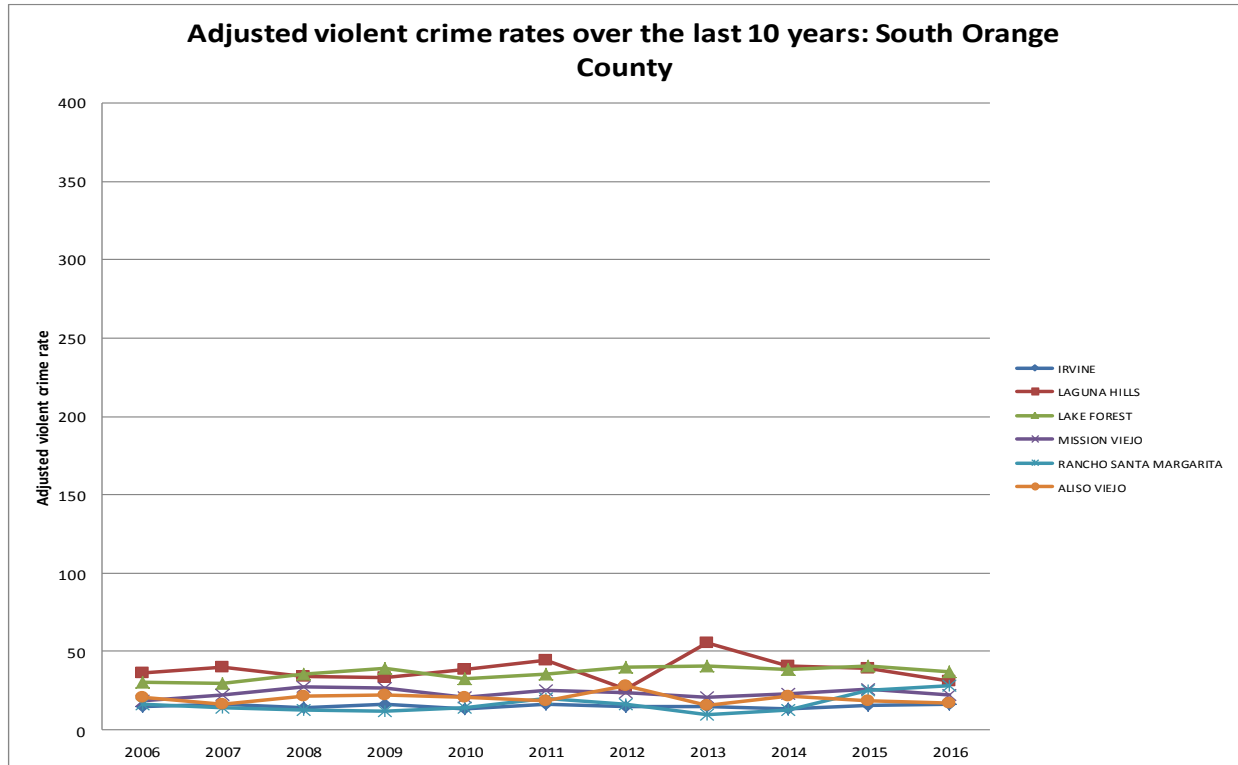
City clusters for Orange County



Adjusted violent crime rates for cities in Orange County - last 10 years







Riverside County

This section shows the crime rate trends for Riverside County cities. The first table shows the adjusted crime rate in the most recent year (2016) for all cities. The second table shows the average adjusted crime rate over the three most recent years (2014-16) for all cities.

After the two tables, we then display Figures showing the 10 year trajectory of the violent crime rate for the cities in the county.

These cities are clustered geographically into city clusters, and the map shows the clustering of cities for these figures. For each Figure, the scale is typically from 0 to 400. Thus, the bottom value is a city with no violent crime, whereas 400 indicates a city with a violent crime rate 300% higher than the regional average ($400 - 100 = 300$). For a few of the Figures, we had to extend the scale if certain cities had particularly high violent crime rates.

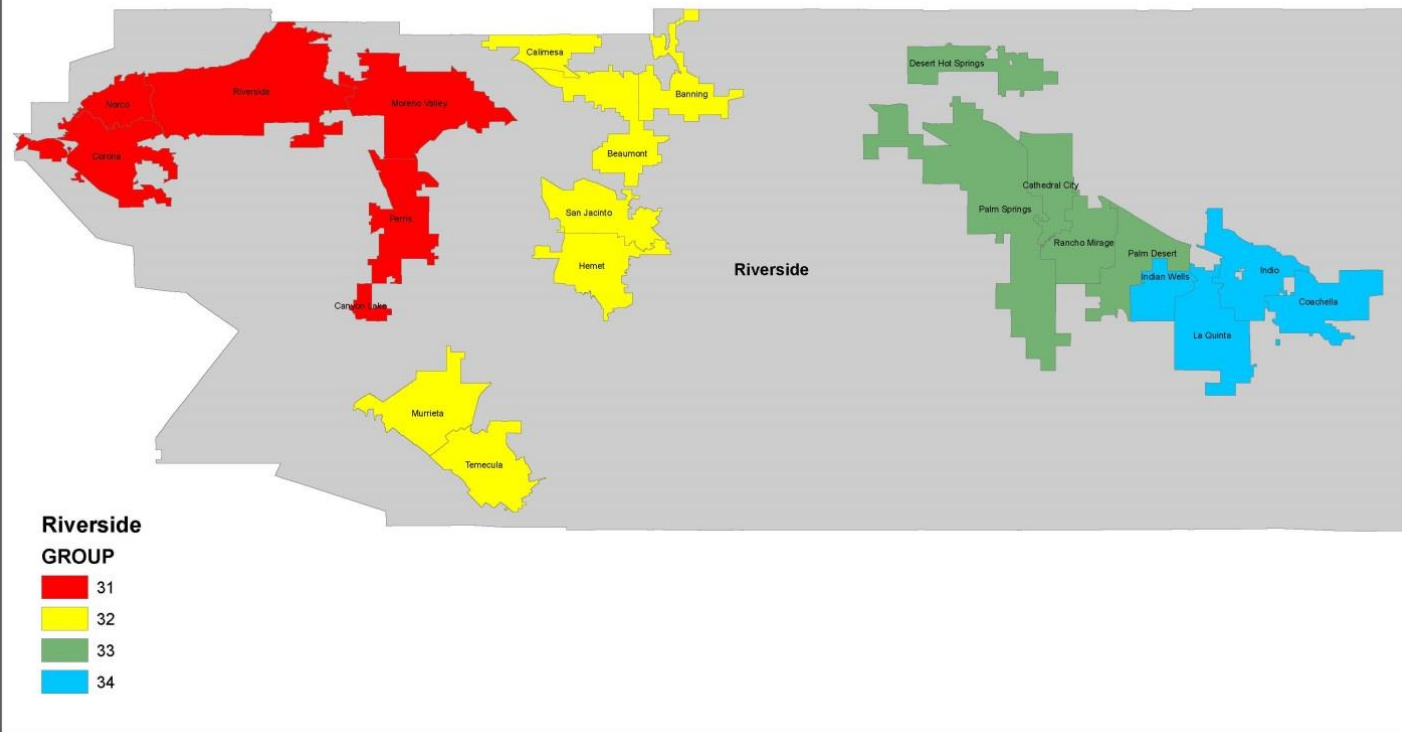
Standardized crime rates for cities in Riverside County, 2016

| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|--------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | BANNING | 148.6 | 120.5 | 233.7 | 172.3 | 238.6 | 48.7 | 31191 |
| 2 | BEAUMONT | 104.5 | 70.9 | 0.0 | 96.4 | 174.5 | 83.7 | 45249 |
| 3 | BLYTHE | 132.2 | 116.6 | 128.2 | 298.0 | 60.2 | 118.6 | 18961 |
| 4 | CALIMESA | 32.7 | 102.0 | 280.2 | 177.5 | 147.4 | 106.1 | 8671 |
| 5 | CANYON LAKE | 55.0 | 9.9 | 0.0 | 78.1 | 114.4 | 34.1 | 11176 |
| 6 | CATHEDRAL CITY | 67.9 | 103.8 | 223.7 | 116.3 | 330.3 | 43.0 | 54317 |
| 7 | COACHELLA | 91.7 | 151.0 | 107.0 | 117.4 | 224.2 | 101.5 | 45402 |
| 8 | CORONA | 19.6 | 49.1 | 43.8 | 102.2 | 196.3 | 73.1 | 166534 |
| 9 | DESERT HOT SPRINGS | 269.8 | 166.4 | 425.2 | 373.0 | 385.0 | 42.1 | 28573 |
| 10 | HEMET | 221.9 | 221.6 | 143.2 | 206.8 | 335.2 | 128.6 | 84838 |
| 11 | INDIAN WELLS | 44.2 | 41.3 | 0.0 | 163.1 | 34.1 | 69.2 | 5352 |
| 12 | INDIO | 168.6 | 109.1 | 136.2 | 103.0 | 194.0 | 71.1 | 89201 |
| 13 | JURUPA VALLEY | 111.6 | 82.9 | 167.9 | 107.9 | 452.8 | 85.8 | 101316 |
| 14 | LA QUINTA | 53.0 | 91.6 | 59.2 | 93.4 | 73.4 | 112.9 | 41058 |
| 15 | LAKE ELSINORE | 65.9 | 91.7 | 114.1 | 98.5 | 262.1 | 104.3 | 63907 |
| 16 | MENIFEE | 42.5 | 58.3 | 0.0 | 99.0 | 171.6 | 85.5 | 89114 |
| 17 | MORENO VALLEY | 113.7 | 182.8 | 106.0 | 107.9 | 245.0 | 106.7 | 206224 |
| 18 | MURRIETA | 10.2 | 16.9 | 0.0 | 57.9 | 85.5 | 54.7 | 111043 |
| 19 | NORCO | 57.9 | 67.7 | 0.0 | 144.1 | 220.1 | 100.4 | 26132 |
| 20 | PALM DESERT | 43.2 | 54.7 | 46.3 | 166.2 | 154.7 | 164.3 | 52528 |
| 21 | PALM SPRINGS | 175.7 | 154.6 | 101.4 | 357.6 | 323.0 | 189.6 | 47909 |
| 22 | PERRIS | 79.4 | 132.0 | 63.7 | 103.6 | 329.2 | 90.2 | 76260 |
| 23 | RANCHO MIRAGE | 51.8 | 18.2 | 0.0 | 219.1 | 162.6 | 137.8 | 18243 |
| 24 | RIVERSIDE | 143.2 | 198.8 | 74.6 | 139.3 | 270.9 | 122.8 | 325896 |
| 25 | SAN JACINTO | 55.8 | 156.1 | 204.7 | 168.4 | 270.2 | 119.7 | 47475 |

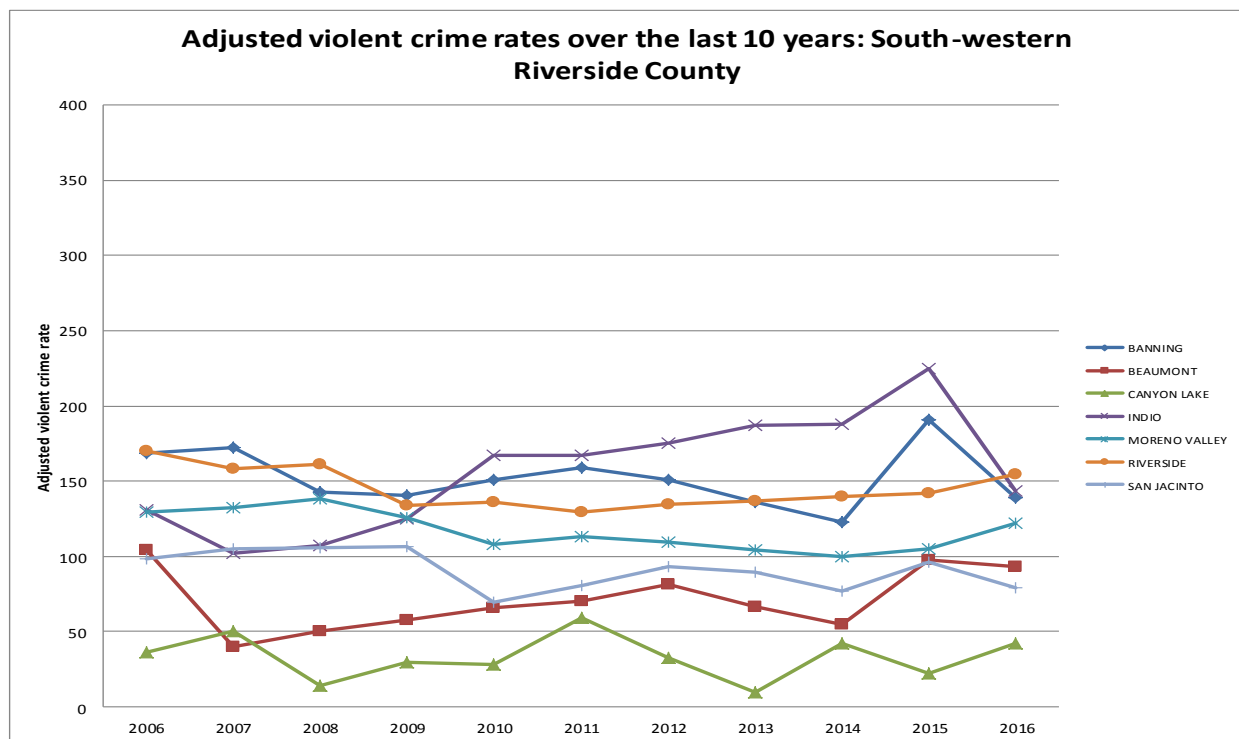
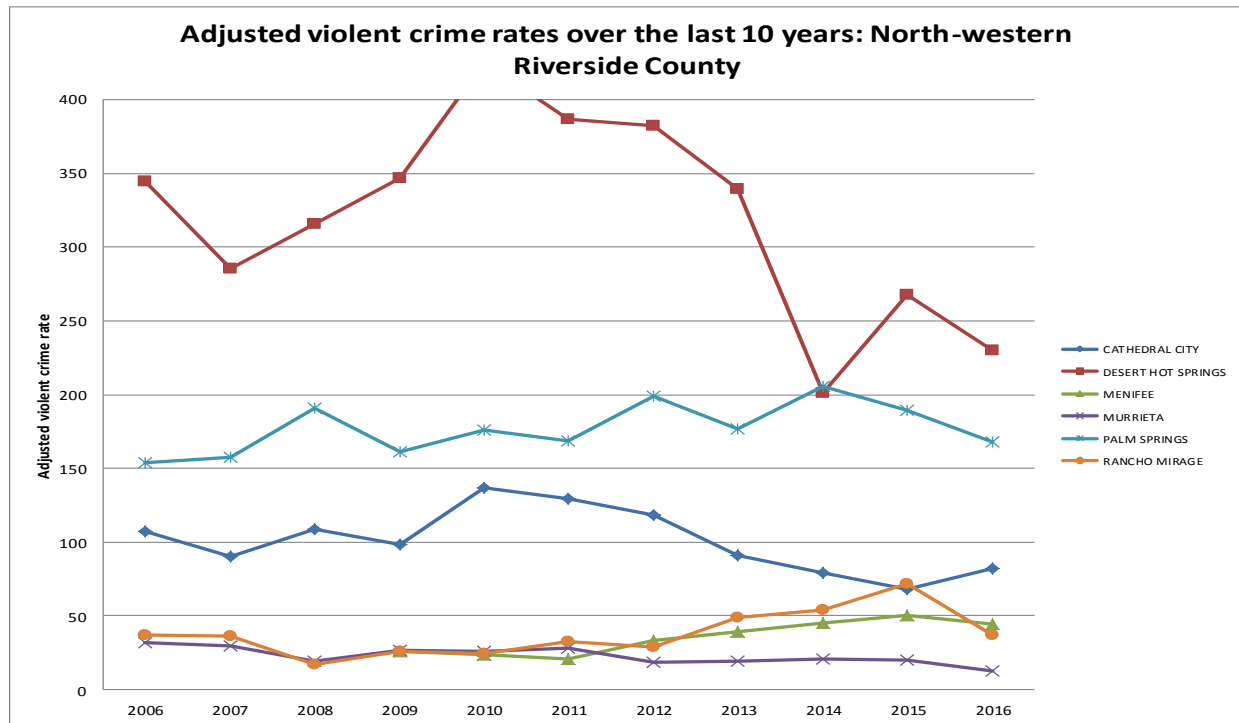
Standardized crime rates for cities in Riverside County, average from 2014-2016

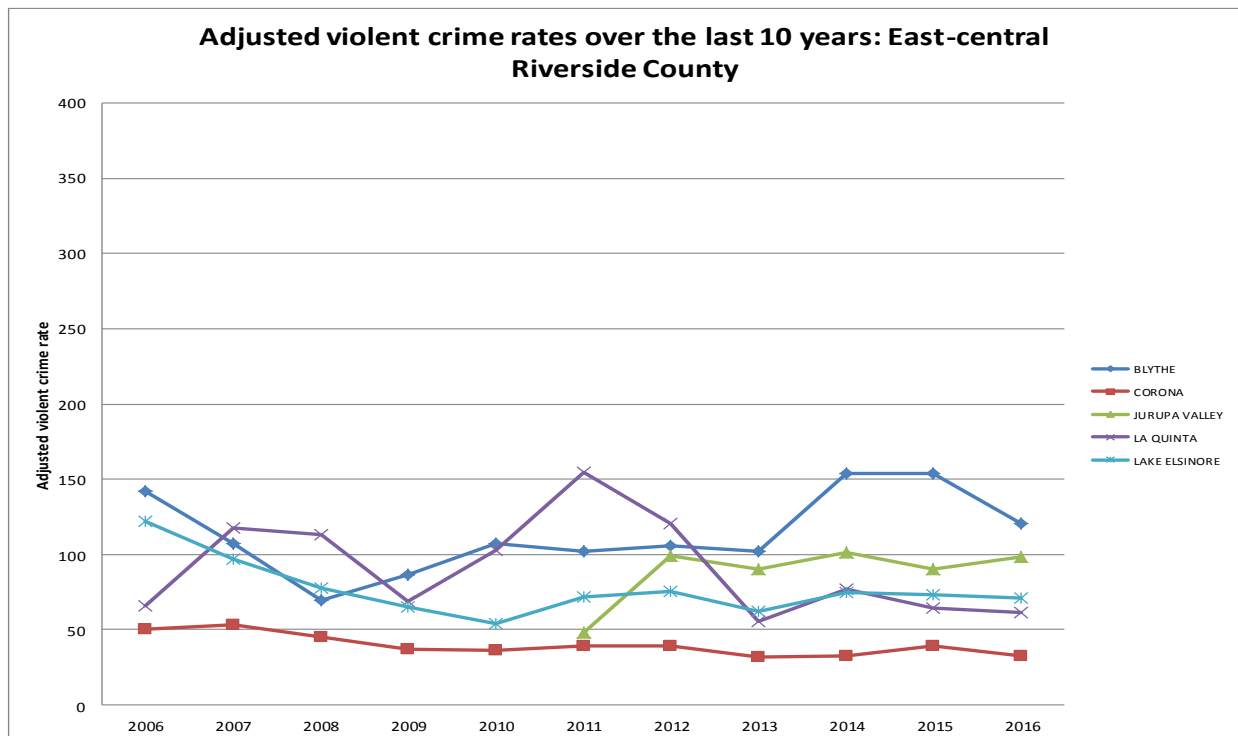
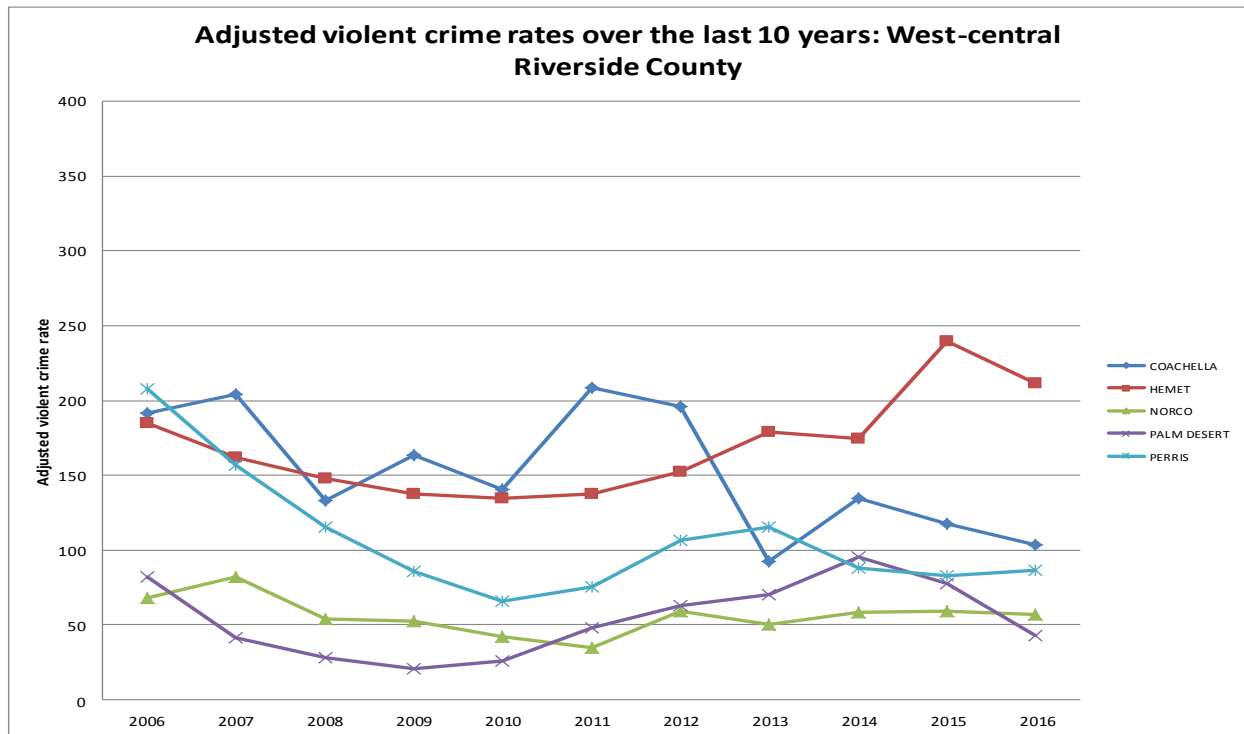
| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|--------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | BANNING | 137.7 | 81.5 | 139.0 | 137.3 | 141.0 | 54.8 | 31191 |
| 2 | BEAUMONT | 60.1 | 48.2 | 40.2 | 65.1 | 117.7 | 71.3 | 45249 |
| 3 | BLYTHE | 105.5 | 134.4 | 145.4 | 177.0 | 95.5 | 183.1 | 18961 |
| 4 | CALIMESA | 271.2 | 86.3 | 84.6 | 164.9 | 107.1 | 80.8 | 8671 |
| 5 | CANYON LAKE | 59.8 | 16.0 | 0.0 | 52.5 | 82.7 | 26.7 | 11176 |
| 6 | CATHEDRAL CITY | 203.6 | 108.8 | 224.7 | 117.8 | 229.1 | 57.4 | 54317 |
| 7 | COACHELLA | 243.3 | 159.9 | 273.8 | 213.5 | 152.5 | 131.2 | 45402 |
| 8 | CORONA | 85.6 | 82.8 | 77.5 | 132.6 | 160.0 | 114.5 | 166534 |
| 9 | DESERT HOT SPRINGS | 256.4 | 109.6 | 461.5 | 397.1 | 191.1 | 88.9 | 28573 |
| 10 | HEMET | 282.0 | 155.0 | 69.9 | 197.5 | 230.6 | 165.5 | 84838 |
| 11 | INDIAN WELLS | 57.0 | 11.4 | 0.0 | 220.2 | 56.1 | 114.8 | 5352 |
| 12 | INDIO | 207.2 | 251.9 | 82.2 | 245.0 | 196.7 | 148.1 | 89201 |
| 13 | JURUPA VALLEY | 100.4 | 68.9 | 152.1 | 59.8 | 311.1 | 63.1 | 101316 |
| 14 | LA QUINTA | 94.4 | 57.1 | 72.4 | 131.7 | 111.6 | 107.8 | 41058 |
| 15 | LAKE ELSINORE | ... | ... | ... | ... | ... | ... | 63907 |
| 16 | MENIFEE | 38.2 | 48.4 | 0.0 | 54.9 | 117.9 | 62.8 | 89114 |
| 17 | MORENO VALLEY | 170.7 | 178.8 | 115.8 | 128.8 | 169.5 | 84.7 | 206224 |
| 18 | MURRIETA | 9.2 | 14.1 | 0.0 | 32.1 | 58.7 | 40.2 | 111043 |
| 19 | NORCO | 65.2 | 65.3 | 0.0 | 78.6 | 148.2 | 84.1 | 26132 |
| 20 | PALM DESERT | 38.9 | 45.5 | 41.9 | 92.1 | 106.3 | 120.8 | 52528 |
| 21 | PALM SPRINGS | 210.3 | 174.5 | 197.7 | 311.1 | 266.7 | 148.9 | 47909 |
| 22 | PERRIS | 300.3 | 303.3 | 611.7 | 323.4 | 378.0 | 204.2 | 76260 |
| 23 | RANCHO MIRAGE | 34.2 | 34.9 | 0.0 | 179.0 | 101.4 | 118.8 | 18243 |
| 24 | RIVERSIDE | 160.5 | 186.5 | 91.4 | 92.4 | 186.3 | 88.1 | 325896 |
| 25 | SAN JACINTO | 131.7 | 111.7 | 197.2 | 112.8 | 191.3 | 67.4 | 47475 |

City clusters for Riverside County



Adjusted violent crime rates for cities in Riverside County - last 10 years





San Bernardino County

This section shows the crime rate trends for San Bernardino County cities. The first table shows the adjusted crime rate in the most recent year (2016) for all cities. The second table shows the average adjusted crime rate over the three most recent years (2014-16) for all cities.

After the two tables, we then display Figures showing the 10 year trajectory of the violent crime rate for the cities in the county.

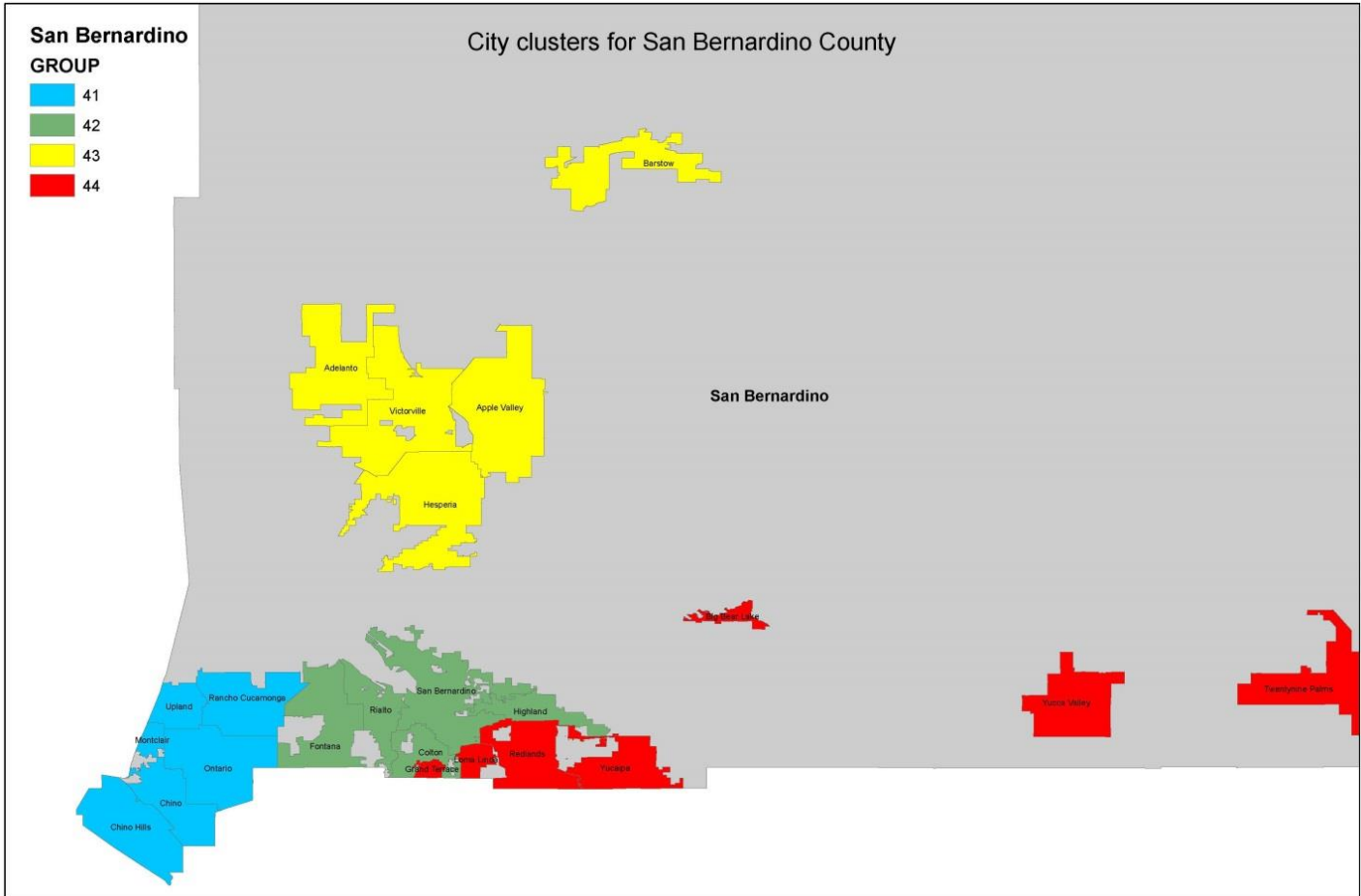
These cities are clustered geographically into city clusters, and the map shows the clustering of cities for these figures. For each Figure, the scale is typically from 0 to 400. Thus, the bottom value is a city with no violent crime, whereas 400 indicates a city with a violent crime rate 300% higher than the regional average ($400 - 100 = 300$). For a few of the Figures, we had to extend the scale if certain cities had particularly high violent crime rates.

Standardized crime rates for cities in San Bernardino County, 2016

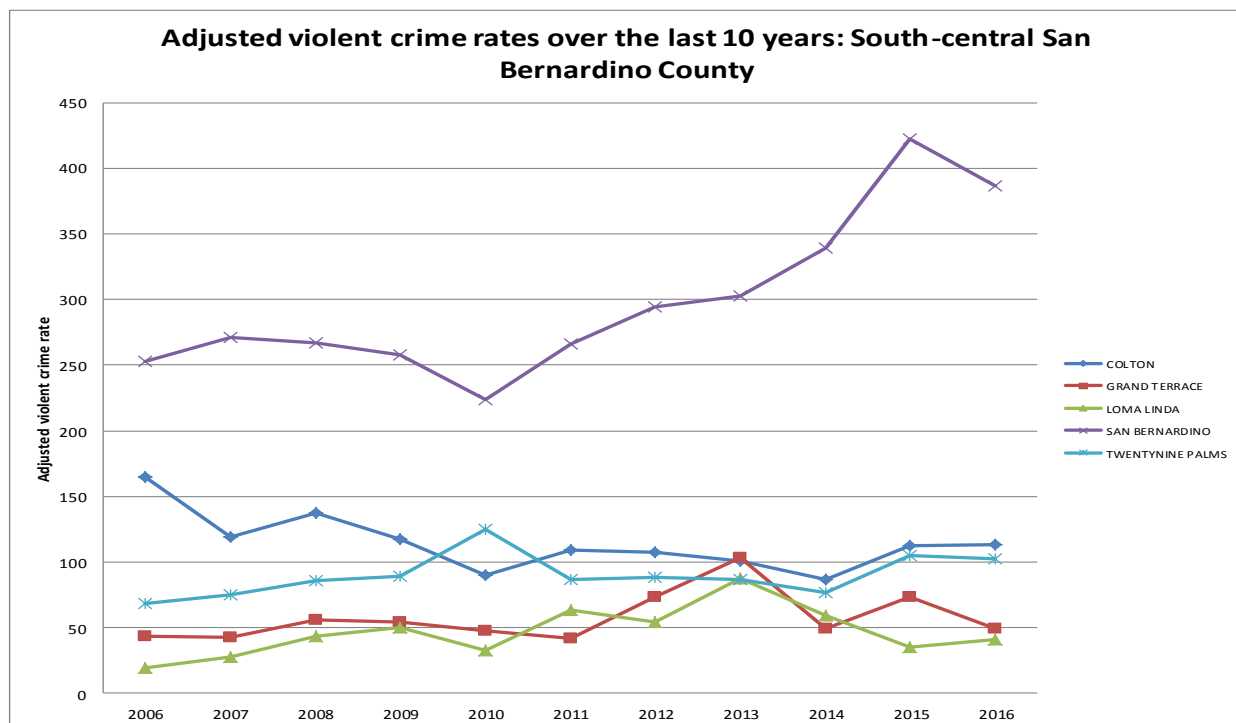
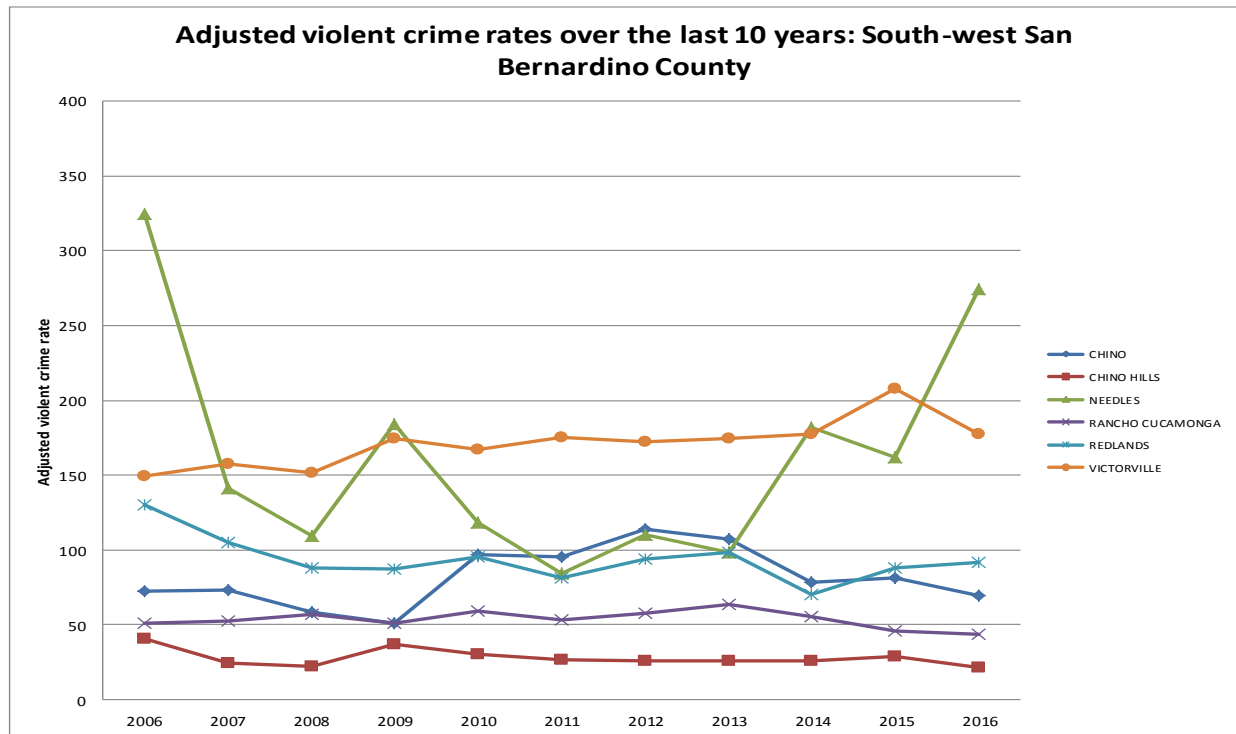
| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | ADELANTO | 281.1 | 158.5 | 72.6 | 165.3 | 137.7 | 35.4 | 33479 |
| 2 | APPLE VALLEY | 136.5 | 112.5 | 133.6 | 131.6 | 159.4 | 79.6 | 72757 |
| 3 | BARSTOW | 451.3 | 490.6 | 305.1 | 437.4 | 412.7 | 105.9 | 23894 |
| 4 | BIG BEAR LAKE | ... | ... | ... | ... | ... | ... | . |
| 5 | CHINO | 76.6 | 66.0 | 27.9 | 115.8 | 159.9 | 87.9 | 87081 |
| 6 | CHINO HILLS | 22.8 | 16.8 | 30.8 | 96.2 | 50.3 | 41.0 | 78990 |
| 7 | COLTON | 88.4 | 196.7 | 88.2 | 126.7 | 444.1 | 79.6 | 55100 |
| 8 | GRAND TERRACE | 37.7 | 70.5 | 0.0 | 137.3 | 163.7 | 69.9 | 12545 |
| 9 | HESPERIA | 105.3 | 108.4 | 77.6 | 111.8 | 169.2 | 57.6 | 93888 |
| 10 | HIGHLAND | 126.0 | 158.3 | 132.1 | 126.5 | 246.5 | 52.5 | 55184 |
| 11 | LOMA LINDA | 37.1 | 54.9 | 0.0 | 97.8 | 269.9 | 90.7 | 24190 |
| 12 | MONTCLAIR | 139.1 | 178.2 | 0.0 | 191.6 | 477.7 | 136.2 | 39085 |
| 13 | NEEDLES | 358.7 | 132.4 | 0.0 | 307.2 | 154.9 | 83.7 | 5010 |
| 14 | ONTARIO | 91.8 | 145.4 | 112.6 | 117.8 | 282.7 | 87.2 | 172606 |
| 15 | RANCHO CUCAMONGA | 36.3 | 53.7 | 13.7 | 126.3 | 117.0 | 78.8 | 177089 |
| 16 | REDLANDS | 74.1 | 117.6 | 0.0 | 161.0 | 254.2 | 153.4 | 71485 |
| 17 | RIALTO | 121.1 | 169.2 | 93.6 | 122.7 | 320.3 | 31.6 | 103893 |
| 18 | SAN BERNARDINO | 389.5 | 459.5 | 693.3 | 248.7 | 545.6 | 105.9 | 217303 |
| 19 | TWENTYNINE PALMS | 124.5 | 63.3 | 0.0 | 129.7 | 85.3 | 34.7 | 26213 |
| 20 | UPLAND | 78.7 | 137.9 | 31.6 | 200.9 | 203.5 | 90.9 | 76956 |
| 21 | VICTORVILLE | 180.4 | 200.7 | 137.8 | 177.3 | 211.9 | 88.3 | 123438 |
| 22 | YUCAIPA | 72.2 | 41.2 | 0.0 | 112.5 | 143.7 | 74.0 | 53697 |
| 23 | YUCCA VALLEY | 145.5 | 76.2 | 111.6 | 138.2 | 119.5 | 57.2 | 21774 |
| 24 | YUCCA VALLEY | 244.9 | 151.0 | 0.0 | 214.6 | 141.4 | 92.1 | 21672 |

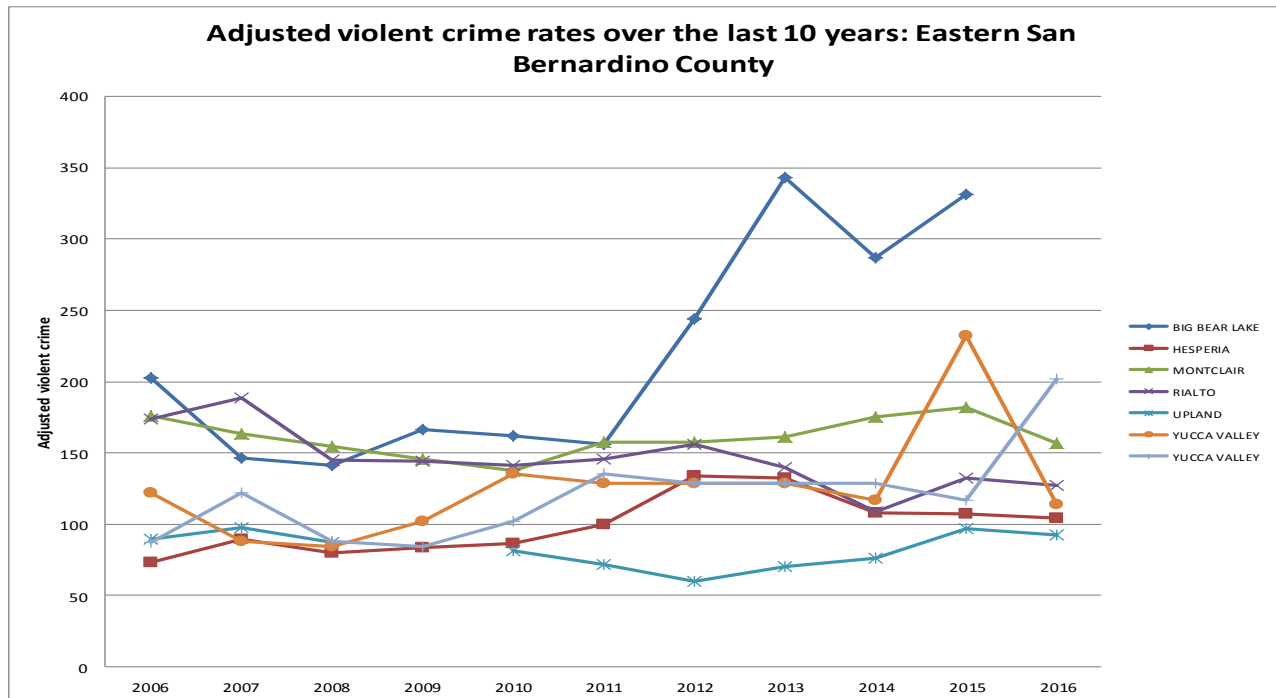
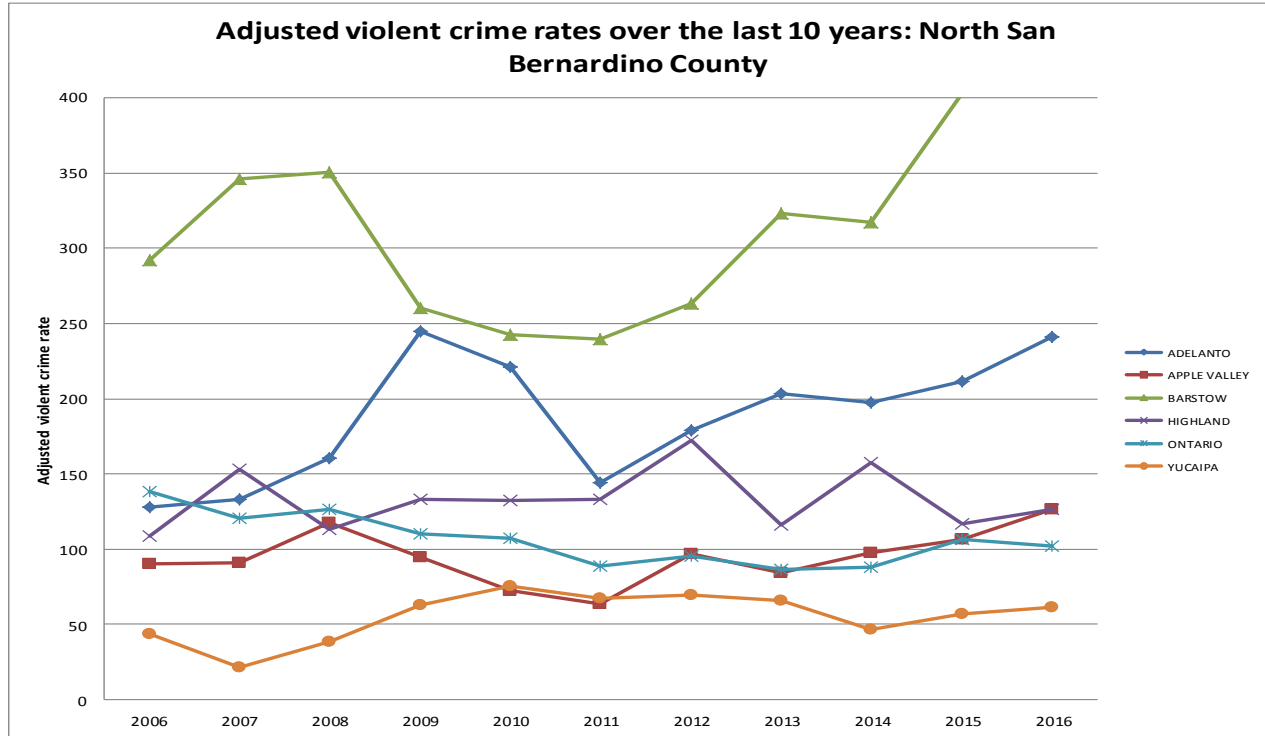
Standardized crime rates for cities in San Bernardino County, average from 2014-2016

| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|------------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | ADELANTO | 395.8 | 104.7 | 21.9 | 293.3 | 163.7 | 92.0 | 33479 |
| 2 | APPLE VALLEY | 135.5 | 114.2 | 115.1 | 178.0 | 151.7 | 86.9 | 72757 |
| 3 | BARSTOW | ... | ... | ... | ... | ... | ... | 23894 |
| 4 | BIG BEAR LAKE | ... | ... | ... | ... | ... | ... | . |
| 5 | CHINO | 60.2 | 40.6 | 8.4 | 102.5 | 75.2 | 70.7 | 87081 |
| 6 | CHINO HILLS | 27.5 | 20.7 | 38.2 | 51.6 | 38.0 | 31.8 | 78990 |
| 7 | COLTON | 65.0 | 123.4 | 84.9 | 98.0 | 259.0 | 86.8 | 55100 |
| 8 | GRAND TERRACE | 59.3 | 70.9 | 0.0 | 123.9 | 130.9 | 60.7 | 12545 |
| 9 | HESPERIA | 85.2 | 90.7 | 119.3 | 113.1 | 146.3 | 66.4 | 93888 |
| 10 | HIGHLAND | 113.4 | 131.5 | 119.6 | 70.2 | 169.3 | 38.6 | 55184 |
| 11 | LOMA LINDA | 34.9 | 67.9 | 38.7 | 84.5 | 249.2 | 80.1 | 24190 |
| 12 | MONTCLAIR | 209.2 | 417.5 | 277.1 | 180.9 | 524.9 | 193.0 | 39085 |
| 13 | NEEDLES | 493.9 | 106.5 | 0.0 | 211.6 | 131.0 | 135.5 | 5010 |
| 14 | ONTARIO | 198.5 | 208.2 | 231.0 | 187.7 | 208.5 | 103.1 | 172606 |
| 15 | RANCHO CUCAMONGA | 52.4 | 55.2 | 70.8 | 126.0 | 84.5 | 62.7 | 177089 |
| 16 | REDLANDS | 96.4 | 89.5 | 22.0 | 87.5 | 159.1 | 101.2 | 71485 |
| 17 | RIALTO | 180.5 | 187.1 | 109.0 | 219.0 | 212.3 | 61.3 | 103893 |
| 18 | SAN BERNARDINO | 395.3 | 644.5 | 704.4 | 314.9 | 450.2 | 196.9 | 217303 |
| 19 | TWENTYNINE PALMS | 126.2 | 34.8 | 0.0 | 100.9 | 82.6 | 45.7 | 26213 |
| 20 | UPLAND | 97.9 | 110.6 | 82.5 | 104.7 | 136.9 | 78.7 | 76956 |
| 21 | VICTORVILLE | 162.4 | 166.7 | 124.8 | 98.3 | 145.6 | 64.9 | 123438 |
| 22 | YUCAIPA | 81.9 | 46.8 | 0.0 | 104.0 | 115.7 | 67.2 | 53697 |
| 23 | YUCCA VALLEY | 131.0 | 63.3 | 101.1 | 76.6 | 82.1 | 42.1 | 21774 |
| 24 | YUCCA VALLEY | 200.4 | 115.4 | 0.0 | 114.9 | 90.6 | 64.8 | 21672 |



Adjusted violent crime rates for cities in San Bernardino County - last 10 years





San Diego County

This section shows the crime rate trends for San Diego County cities. The first table shows the adjusted crime rate in the most recent year (2016) for all cities. The second table shows the average adjusted crime rate over the three most recent years (2014-16) for all cities.

After the two tables, we then display Figures showing the 10 year trajectory of the violent crime rate for the cities in the county.

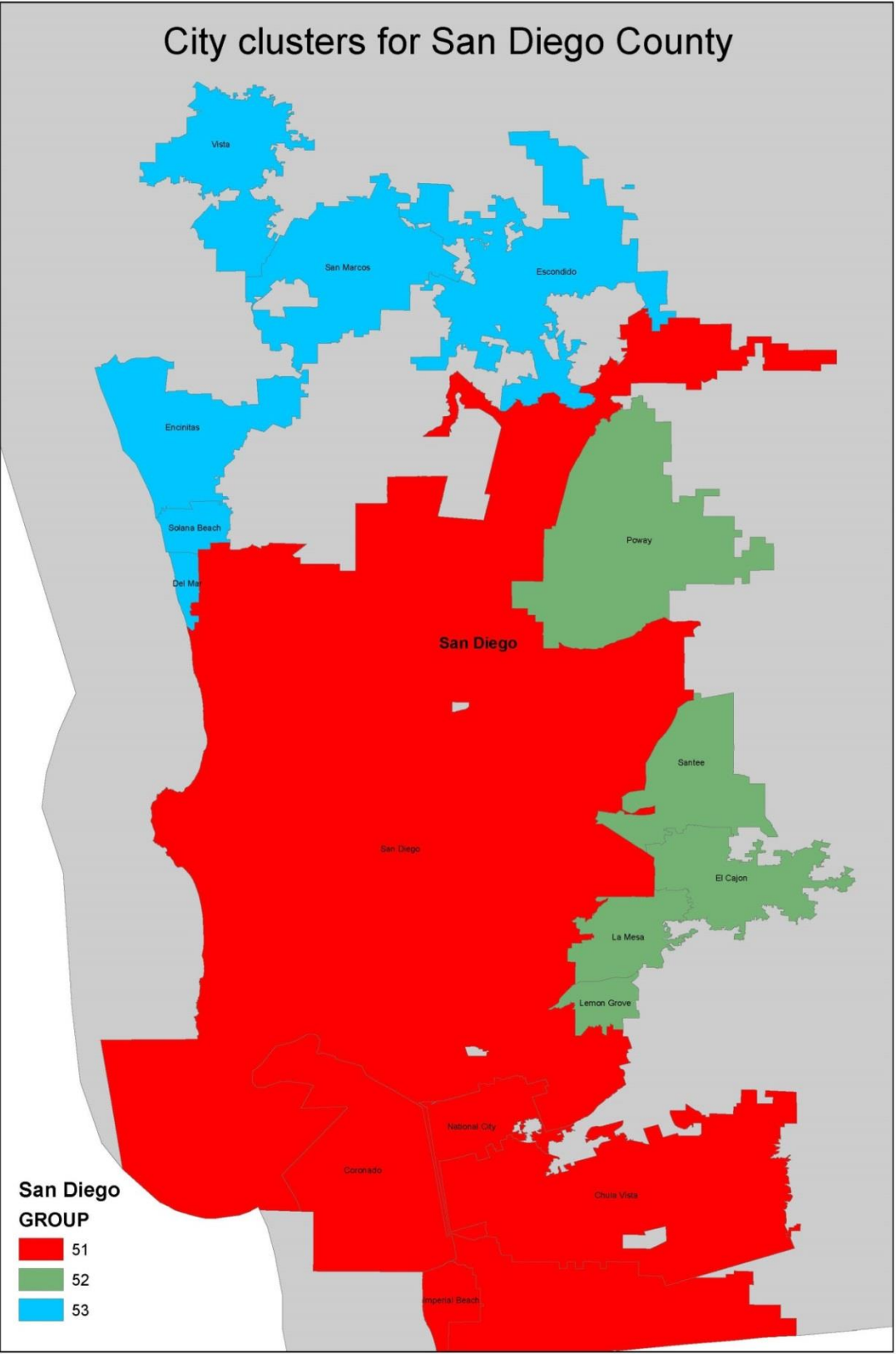
These cities are clustered geographically into city clusters, and the map shows the clustering of cities for these figures. For each Figure, the scale is typically from 0 to 400. Thus, the bottom value is a city with no violent crime, whereas 400 indicates a city with a violent crime rate 300% higher than the regional average ($400 - 100 = 300$). For a few of the Figures, we had to extend the scale if certain cities had particularly high violent crime rates.

Standardized crime rates for cities in San Diego County in 2016

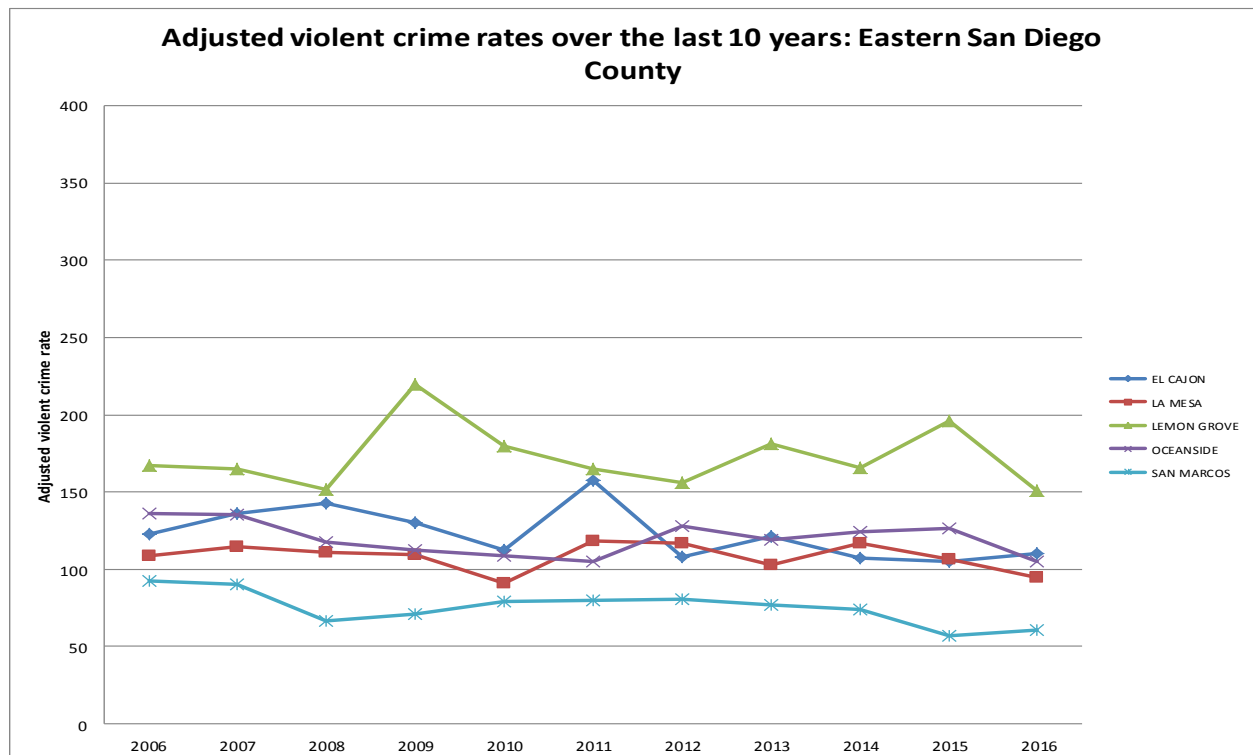
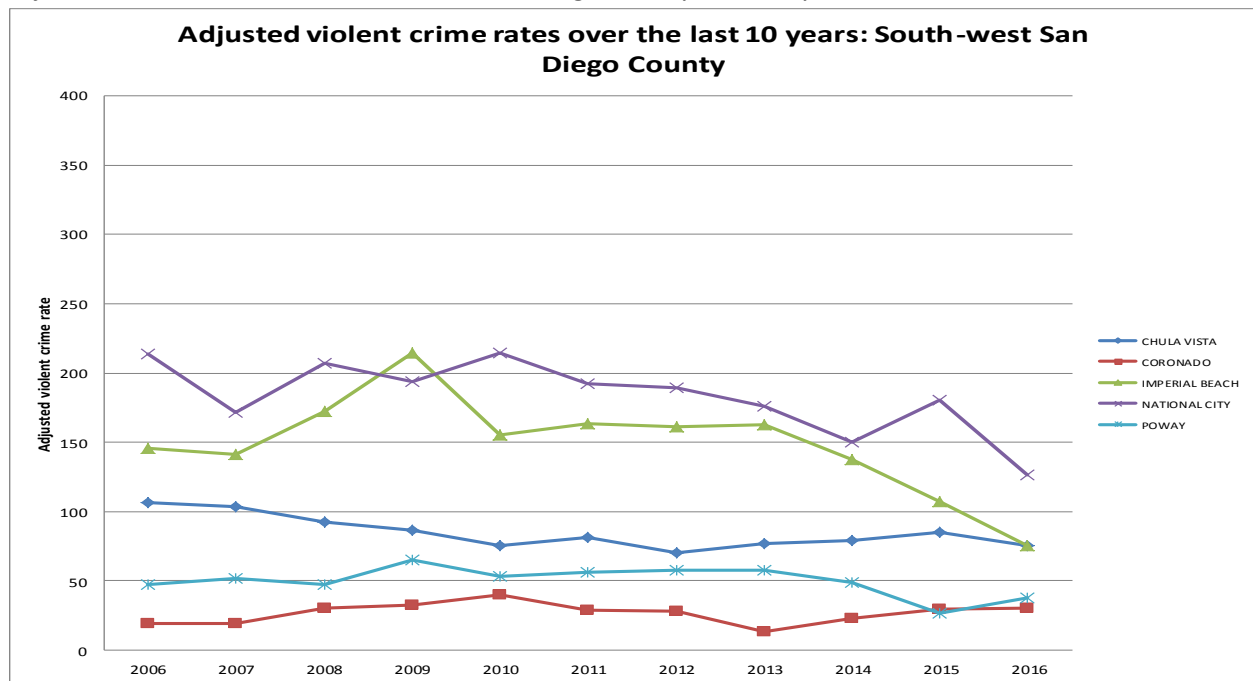
| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|----------------|---------|---------|----------|----------|------------|---------|---------|
| 1 | CARLSBAD | 50.6 | 47.1 | 0.0 | 73.7 | 66.3 | 78.2 | 115040 |
| 2 | CHULA VISTA | 75.1 | 85.1 | 9.0 | 59.0 | 149.5 | 53.9 | 270175 |
| 3 | CORONADO | 34.1 | 13.3 | 0.0 | 33.1 | 58.5 | 68.0 | 24974 |
| 4 | DEL MAR | 64.7 | 25.2 | 0.0 | 298.4 | 124.8 | 121.6 | 4388 |
| 5 | EL CAJON | 91.4 | 154.5 | 23.3 | 94.3 | 189.2 | 82.5 | 104483 |
| 6 | ENCINITAS | 61.0 | 24.3 | 0.0 | 73.7 | 54.6 | 64.8 | 63597 |
| 7 | ESCONDIDO | 109.2 | 108.5 | 63.6 | 62.3 | 196.5 | 78.8 | 152897 |
| 8 | IMPERIAL BEACH | 78.8 | 68.1 | 88.0 | 72.4 | 186.8 | 33.9 | 27616 |
| 9 | LA MESA | 93.5 | 102.0 | 0.0 | 127.2 | 169.3 | 99.4 | 60681 |
| 10 | LEMON GROVE | 135.0 | 229.5 | 0.0 | 90.2 | 155.7 | 62.7 | 26981 |
| 11 | NATIONAL CITY | 109.9 | 194.0 | 118.4 | 67.9 | 341.2 | 64.9 | 61550 |
| 12 | OCEANSIDE | 107.5 | 107.3 | 109.6 | 78.6 | 123.8 | 100.5 | 177340 |
| 13 | POWAY | 40.2 | 30.6 | 0.0 | 42.2 | 29.8 | 35.4 | 50606 |
| 14 | SAN DIEGO | 111.2 | 108.5 | 86.0 | 77.1 | 188.6 | 69.5 | 1413414 |
| 15 | SAN MARCOS | 70.8 | 49.0 | 0.0 | 51.1 | 72.7 | 44.9 | 94840 |
| 16 | SANTEE | 66.1 | 39.6 | 82.9 | 53.7 | 75.5 | 63.2 | 58651 |
| 17 | SOLANA BEACH | 41.8 | 24.5 | 0.0 | 103.3 | 74.1 | 56.6 | 13561 |

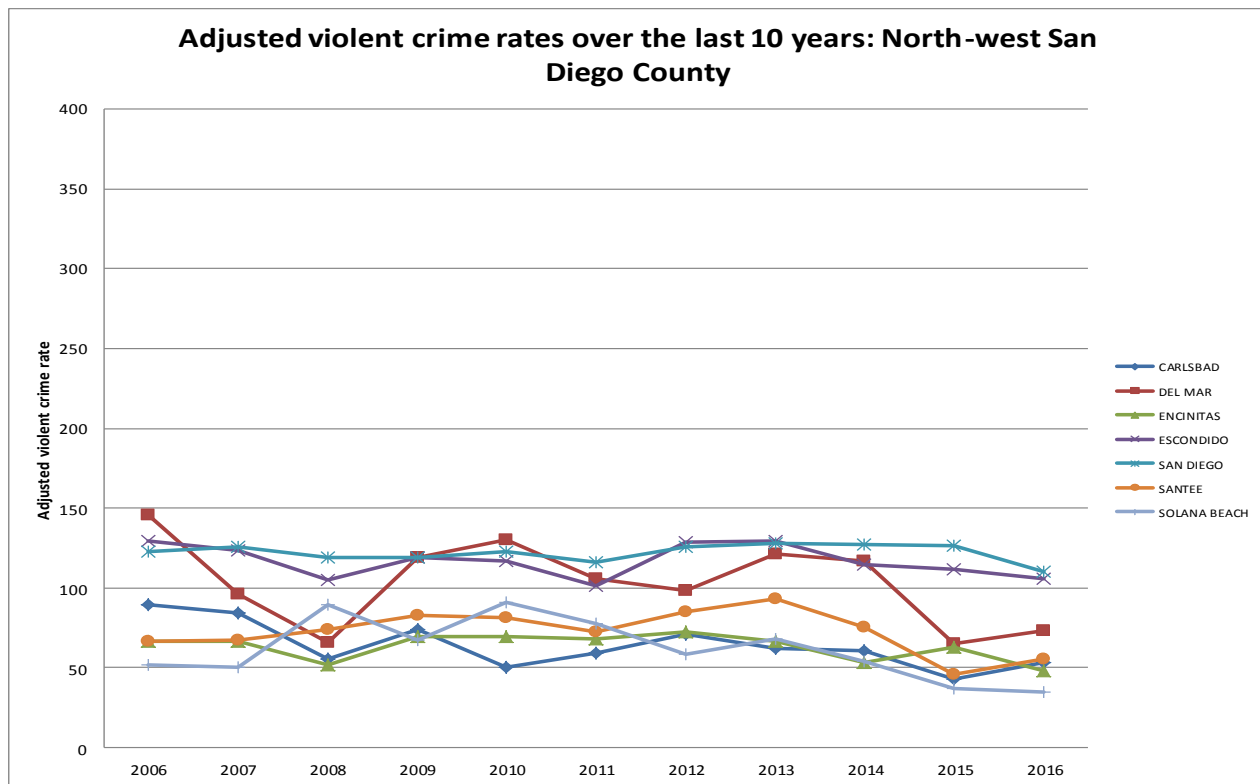
Standardized crime rates for cities in San Diego County, average from 2014-2016

| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|----------------|---------|---------|----------|----------|------------|---------|---------|
| 1 | CARLSBAD | 119.7 | 85.1 | 44.2 | 174.4 | 107.2 | 139.5 | 115040 |
| 2 | CHULA VISTA | 114.5 | 166.1 | 53.9 | 138.3 | 213.1 | 104.4 | 270175 |
| 3 | CORONADO | 26.9 | 23.3 | 0.0 | 58.6 | 81.0 | 111.4 | 24974 |
| 4 | DEL MAR | 115.8 | 83.2 | 0.0 | 160.6 | 149.4 | 130.7 | 4388 |
| 5 | EL CAJON | 83.3 | 100.5 | 96.4 | 123.0 | 169.0 | 102.2 | 104483 |
| 6 | ENCINITAS | 54.9 | 20.2 | 0.0 | 40.9 | 37.5 | 47.6 | 63597 |
| 7 | ESCONDIDO | 72.6 | 103.9 | 74.2 | 60.6 | 151.8 | 63.7 | 152897 |
| 8 | IMPERIAL BEACH | 112.4 | 109.5 | 39.8 | 59.5 | 225.7 | 33.0 | 27616 |
| 9 | LA MESA | 61.2 | 79.7 | 25.8 | 79.8 | 119.6 | 83.5 | 60681 |
| 10 | LEMON GROVE | 133.3 | 221.3 | 28.9 | 87.6 | 187.5 | 59.4 | 26981 |
| 11 | NATIONAL CITY | 260.4 | 421.5 | 226.0 | 138.7 | 541.6 | 108.8 | 61550 |
| 12 | OCEANSIDE | 146.5 | 210.7 | 180.0 | 133.6 | 124.4 | 101.5 | 177340 |
| 13 | POWAY | 44.7 | 22.9 | 44.3 | 41.1 | 41.8 | 34.3 | 50606 |
| 14 | SAN DIEGO | 119.9 | 159.2 | 109.1 | 126.8 | 215.5 | 105.6 | 1413414 |
| 15 | SAN MARCOS | 63.7 | 40.7 | 0.0 | 28.3 | 49.9 | 33.0 | 94840 |
| 16 | SANTEE | 74.6 | 45.8 | 58.2 | 41.5 | 81.6 | 51.7 | 58651 |
| 17 | SOLANA BEACH | 43.3 | 72.9 | 0.0 | 61.6 | 75.1 | 41.7 | 13561 |



Adjusted violent crime rates for cities in San Diego County - last 10 years





Ventura County

This section shows the crime rate trends for Ventura County cities. The first table shows the adjusted crime rate in the most recent year (2016) for all cities. The second table shows the average adjusted crime rate over the three most recent years (2014-16) for all cities.

After the two tables, we then display Figures showing the 10 year trajectory of the violent crime rate for the cities in the county.

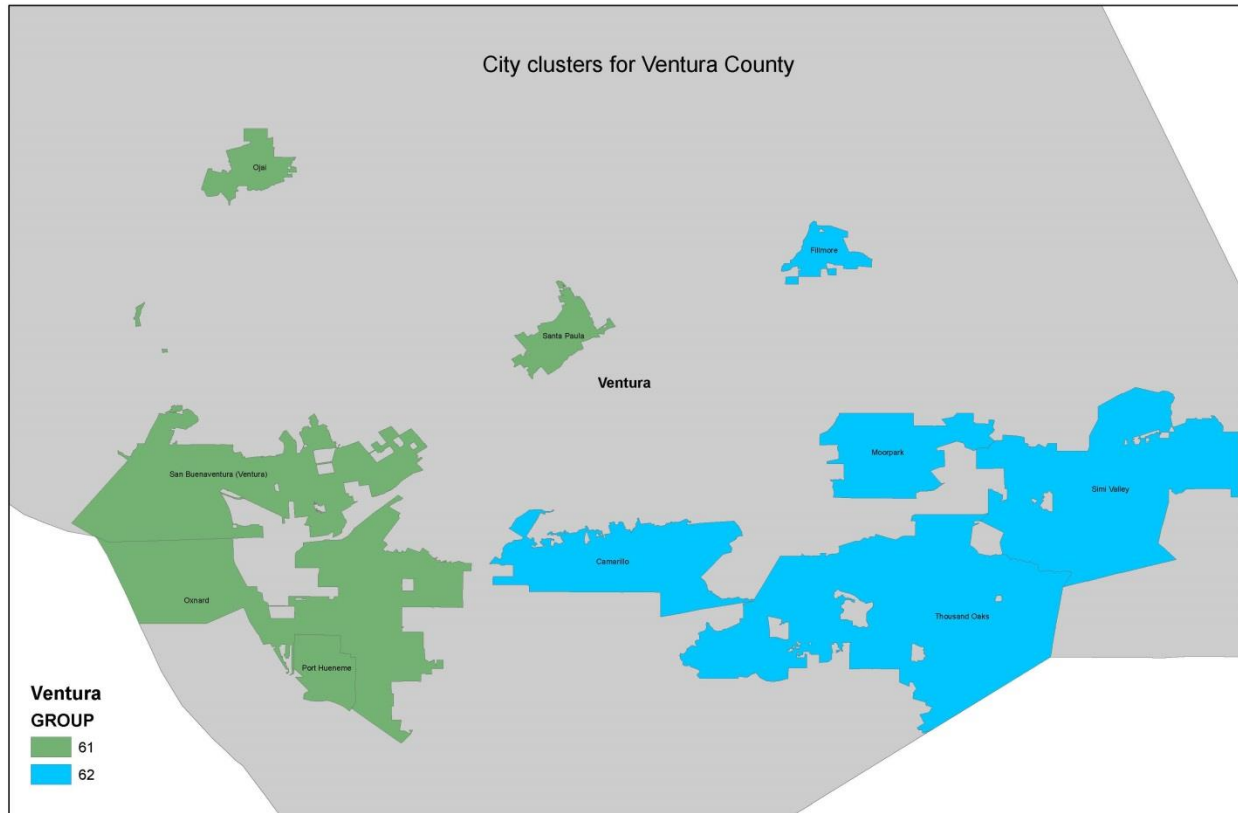
These cities are clustered geographically into city clusters, and the map shows the clustering of cities for these figures. For each Figure, the scale is typically from 0 to 400. Thus, the bottom value is a city with no violent crime, whereas 400 indicates a city with a violent crime rate 300% higher than the regional average ($400 - 100 = 300$). For a few of the Figures, we had to extend the scale if certain cities had particularly high violent crime rates.

Standardized crime rates for cities in Ventura County, 2016

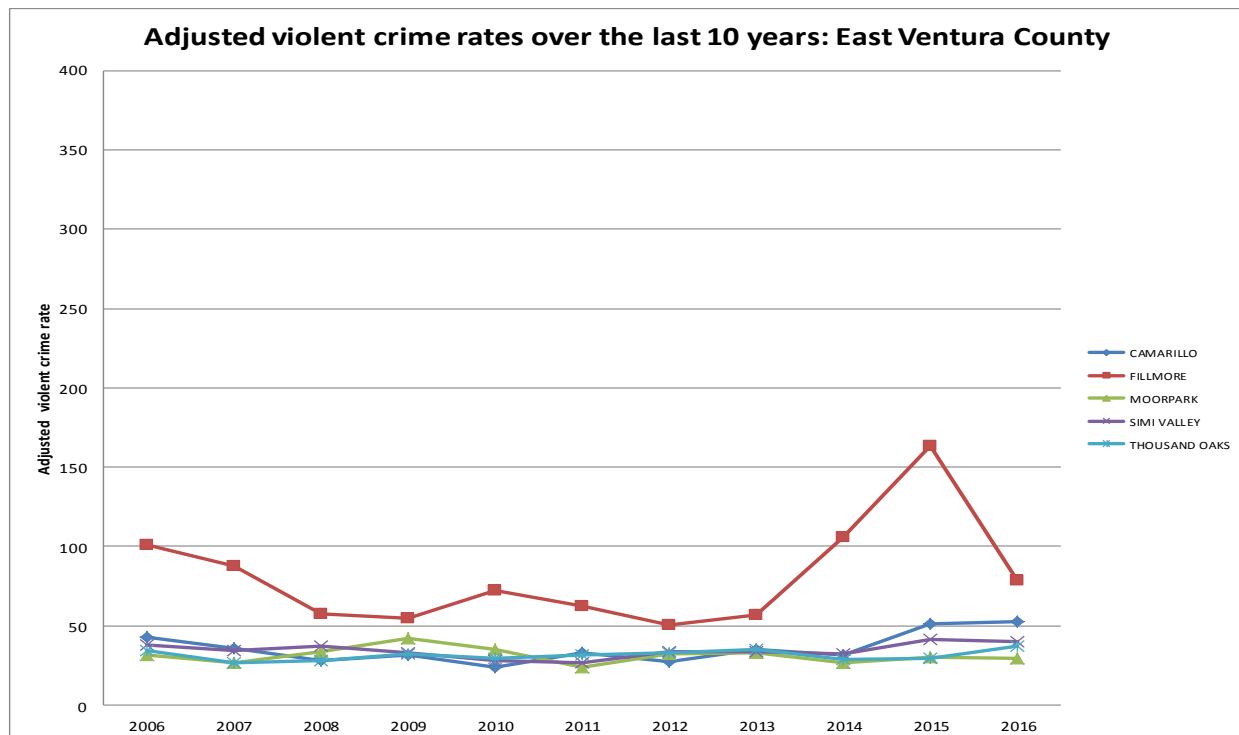
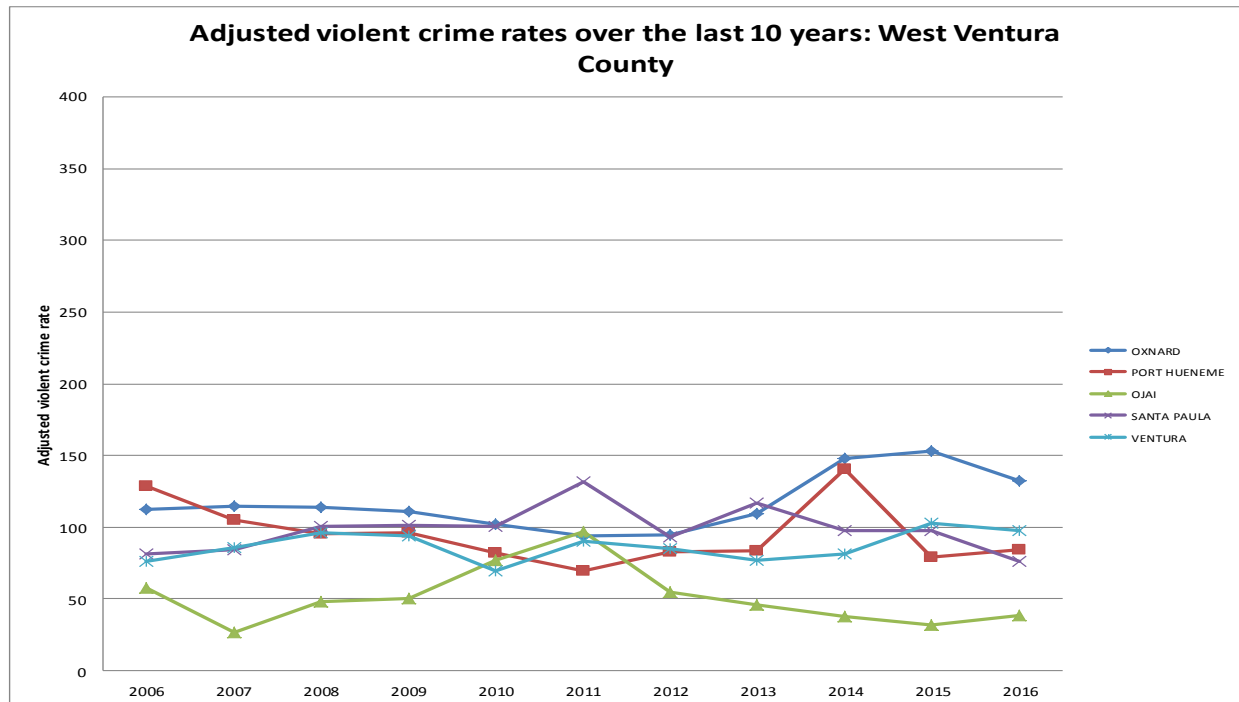
| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|---------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | CAMARILLO | 46.5 | 50.4 | 142.8 | 68.2 | 66.4 | 65.9 | 68072 |
| 2 | FILLMORE | 99.7 | 35.3 | 0.0 | 29.3 | 32.1 | 24.0 | 15653 |
| 3 | MOORPARK | 27.3 | 12.1 | 0.0 | 37.2 | 30.1 | 31.8 | 36423 |
| 4 | OJAI | 37.1 | 14.4 | 0.0 | 42.0 | 29.8 | 31.3 | 7658 |
| 5 | OXNARD | 99.1 | 226.9 | 139.5 | 107.5 | 171.6 | 112.2 | 209048 |
| 6 | PORT HUENEME | 58.7 | 147.0 | 107.7 | 80.4 | 113.3 | 63.7 | 22570 |
| 7 | SANTA PAULA | 66.1 | 93.4 | 157.9 | 56.7 | 72.7 | 38.5 | 30784 |
| 8 | SIMI VALLEY | 39.0 | 33.9 | 38.2 | 60.3 | 37.7 | 48.2 | 127252 |
| 9 | THOUSAND OAKS | 36.8 | 28.1 | 0.0 | 48.1 | 39.4 | 54.6 | 129853 |
| 10 | VENTURA | 84.9 | 109.3 | 176.4 | 130.9 | 117.6 | 140.1 | 110228 |

Standardized crime rates for cities in Ventura County, average from 2014-2016

| | City | Assault | Robbery | Homicide | Burglary | Auto Theft | Larceny | Pop |
|----|---------------|---------|---------|----------|----------|------------|---------|--------|
| 1 | CAMARILLO | 40.9 | 46.4 | 43.1 | 84.9 | 42.6 | 59.9 | 68072 |
| 2 | FILLMORE | 117.0 | 19.6 | 59.0 | 62.9 | 38.2 | 49.4 | 15653 |
| 3 | MOORPARK | ... | ... | ... | ... | ... | ... | 36423 |
| 4 | OJAI | 66.4 | 31.4 | 94.4 | 74.6 | 49.8 | 68.2 | 7658 |
| 5 | OXNARD | 74.7 | 141.2 | 167.7 | 74.5 | 112.4 | 78.5 | 209048 |
| 6 | PORT HUENEME | 55.4 | 58.8 | 66.3 | 63.9 | 65.1 | 56.5 | 22570 |
| 7 | SANTA PAULA | 123.6 | 74.5 | 86.4 | 89.1 | 69.2 | 76.3 | 30784 |
| 8 | SIMI VALLEY | 44.8 | 26.6 | 32.2 | 93.9 | 53.8 | 61.6 | 127252 |
| 9 | THOUSAND OAKS | 30.7 | 21.3 | 5.7 | 27.1 | 22.1 | 40.8 | 129853 |
| 10 | VENTURA | 60.0 | 93.7 | 121.4 | 192.1 | 111.3 | 128.6 | 110228 |



Adjusted violent crime rates for cities in Ventura County - last 10 years



NOTES





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