



U.S. Department of Justice
Office of Justice Programs

Jurisdictional Comparisons

SEARCH Symposium
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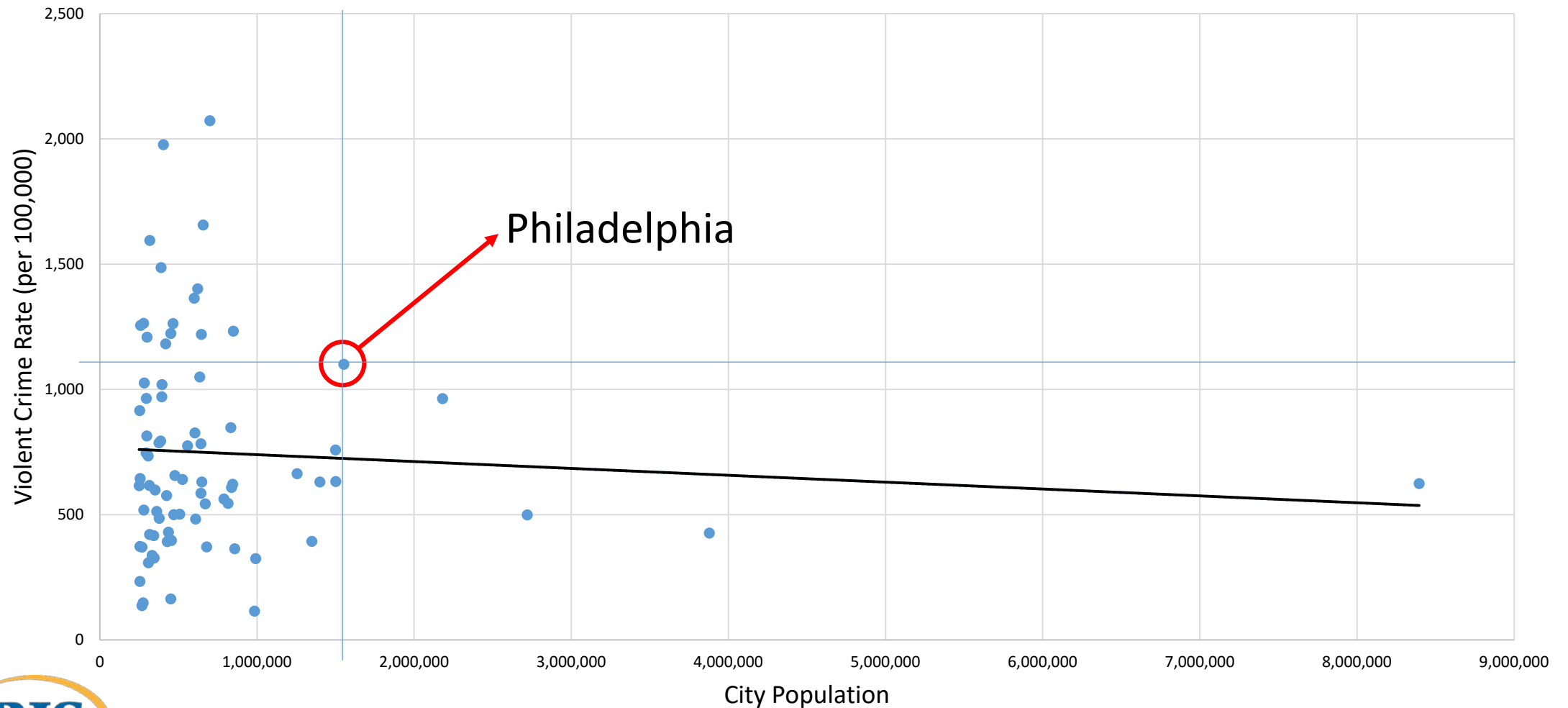
BUREAU OF JUSTICE STATISTICS

Introduction

- Is population size a legitimate way to group places and compare crime rates?
- Examine relationship between crime rate and community wellbeing measures
- Comparison examples
- What is the purpose of making comparisons?

Population Size as a Comparative Indicator

Population and UCR Violent Crime Rate in the 80 Largest Cities

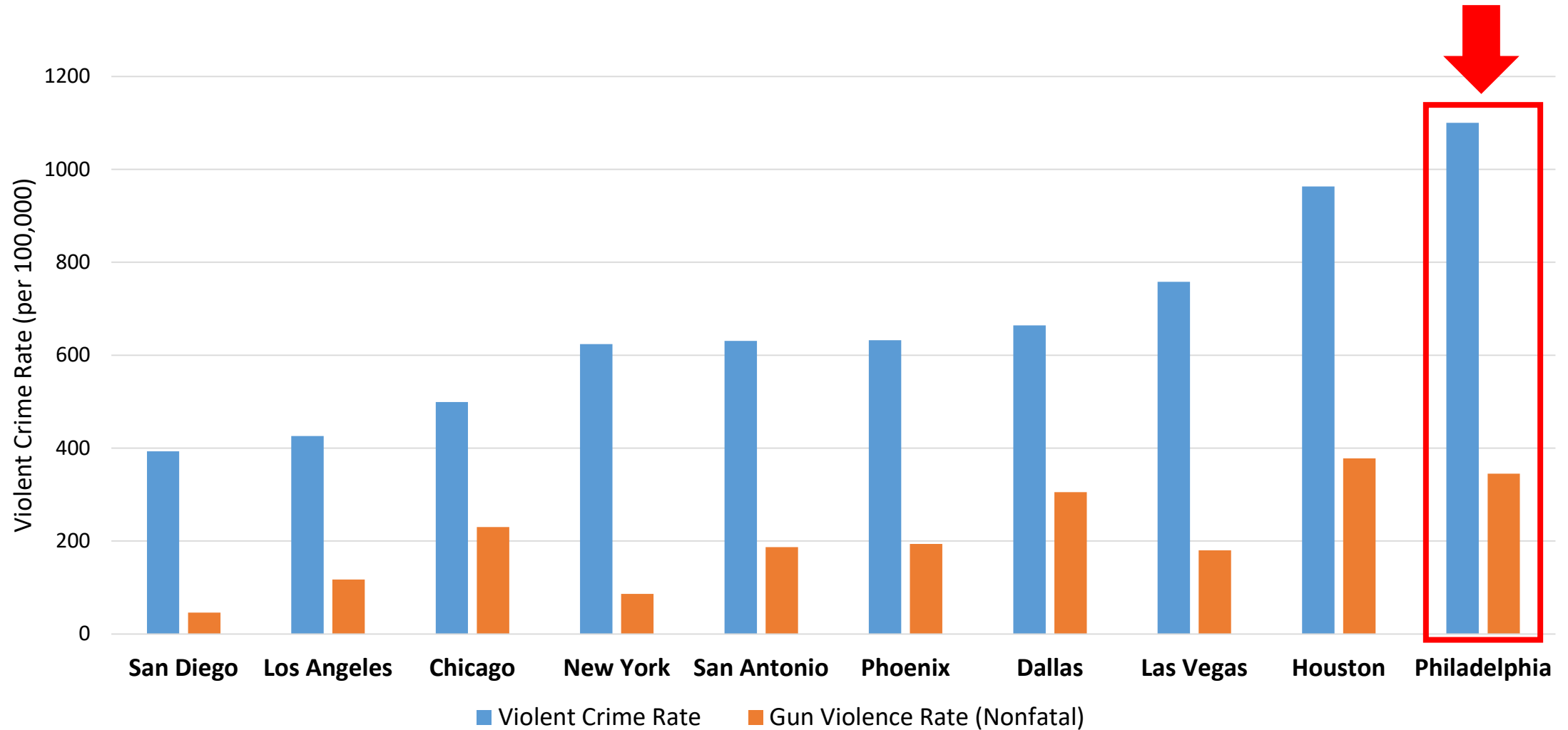


Population Size as a Comparative Indicator

City	Population Served	Violent Crime Rate	Gun Violence Rate (Nonfatal)
New York, NY	8,396,126	624	86
Los Angeles, CA	3,878,725	426	117
Chicago, IL	2,720,554	499	230*
Houston, TX	2,180,606	963	378
Philadelphia, PA	1,553,153	1,100	345
Phoenix, AZ	1,502,139	632	194
Las Vegas, NV	1,500,455	758	180
San Antonio, TX	1,399,725	631	187
San Diego, CA	1,349,306	393	46
Dallas, TX	1,255,015	664	305

Rates are per 100,000 persons

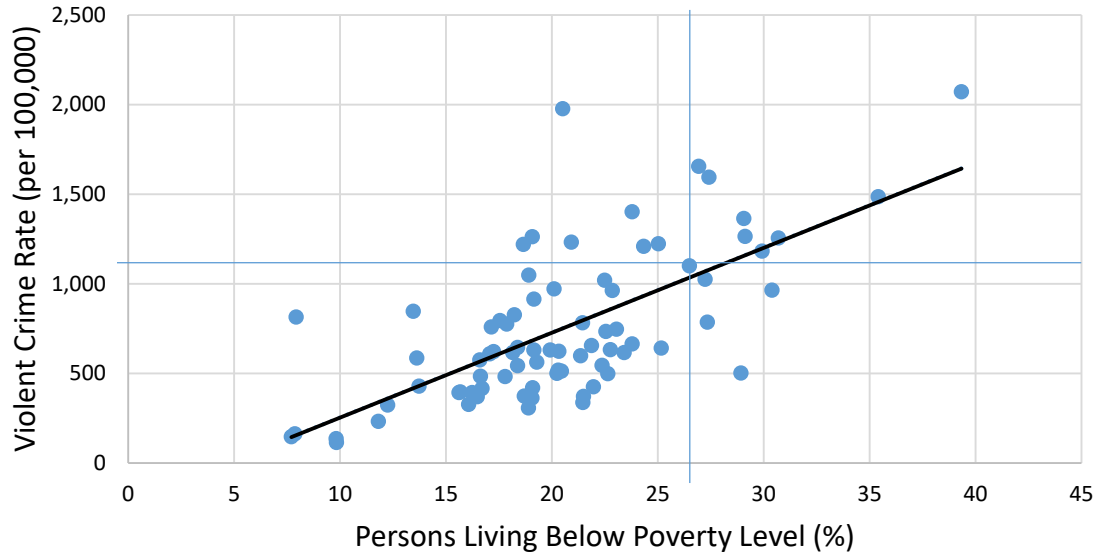
Crime Rates for the 10 Largest Cities



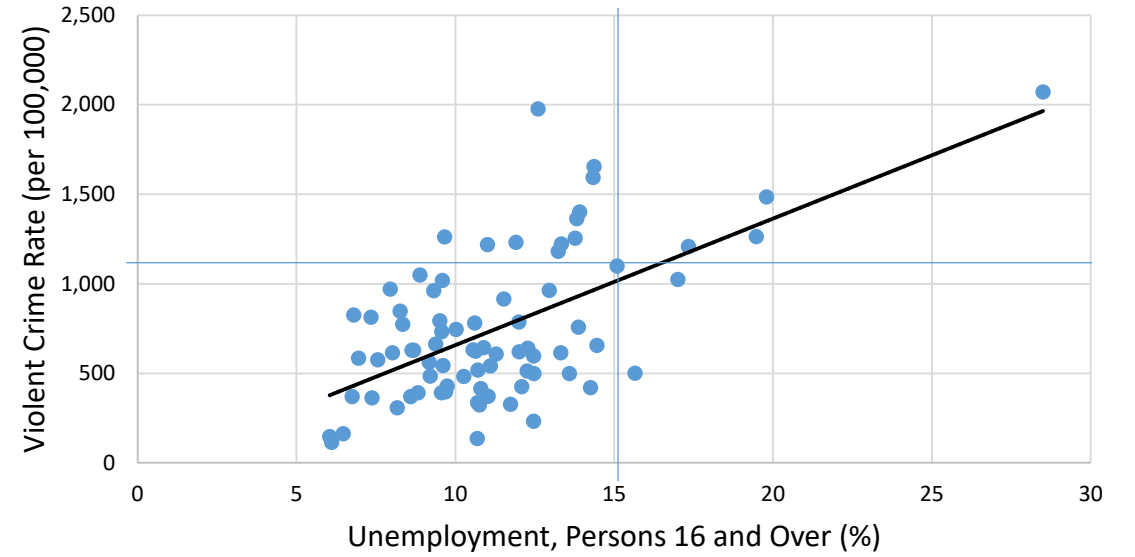
Rates are per 100,000 persons

Examining the Relationship between Violent Crime Rate and Community Wellbeing Measures

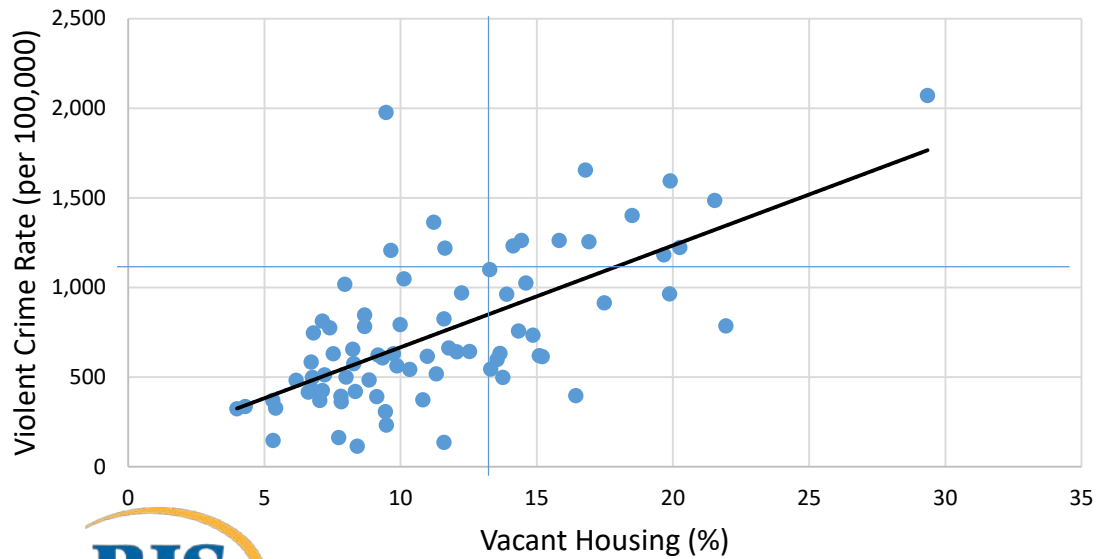
Relationship to Poverty



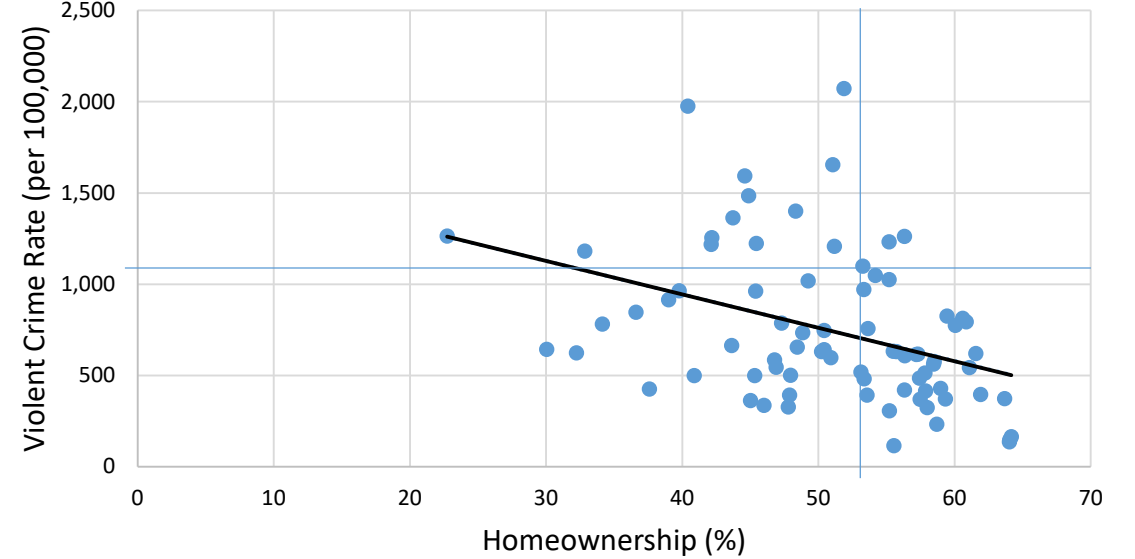
Relationship to Unemployment



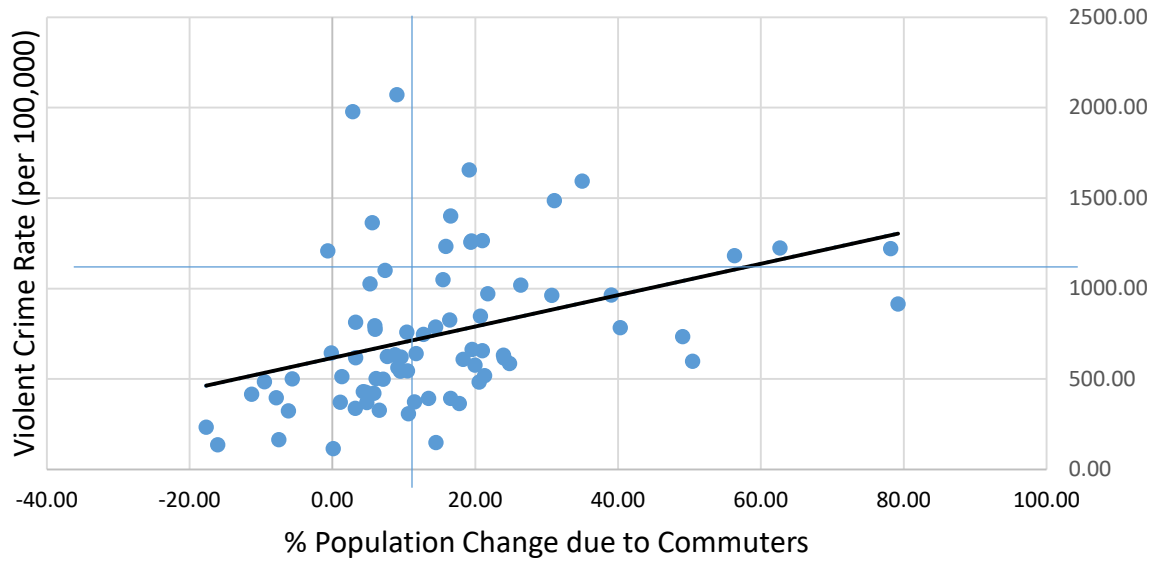
Relationship to Vacant Housing



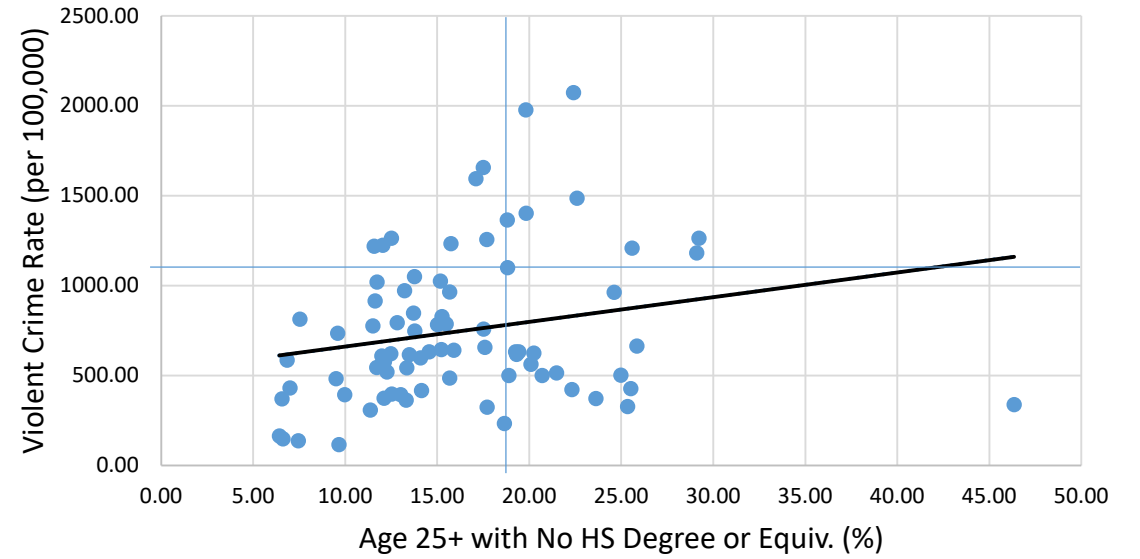
Relationship to Homeownership



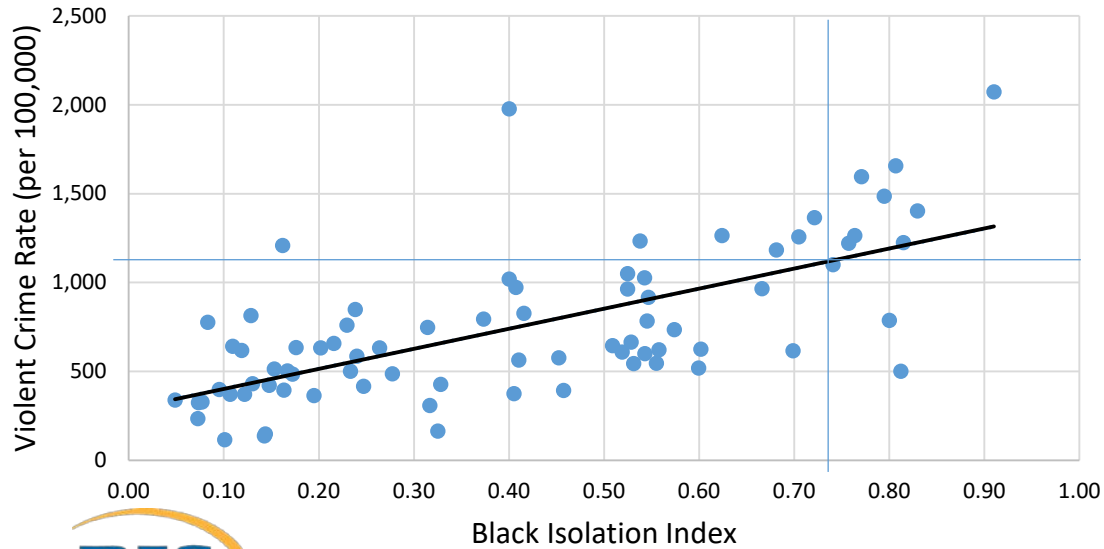
Relationship to Commuter Population



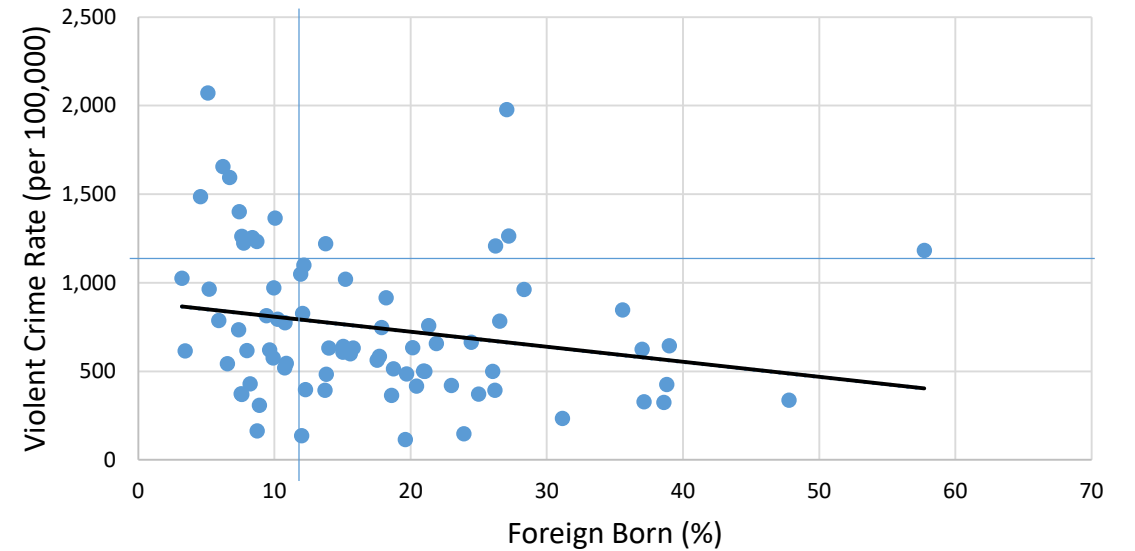
Relationship to Percentage of High School Dropouts



Relationship to Black Isolation Index



Relationship to Percent Foreign Born



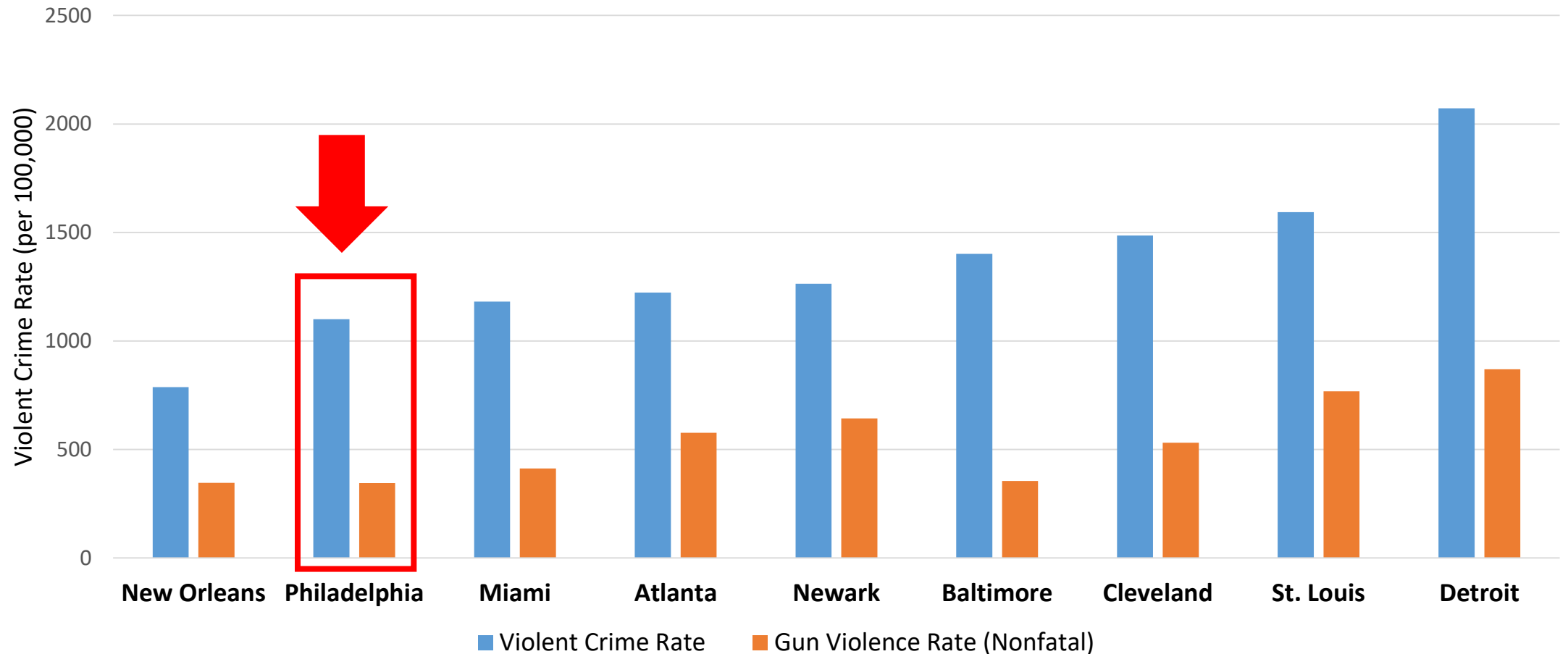
Making Comparisons

Philadelphia-Nominated Comparison of High Poverty Cities

City	Poverty (%)	Violent Crime Rate	Gun Violence Rate (Nonfatal)	Population Served
Detroit, MI	39.3 %	2,072	870	699,889
Cleveland, OH	35.4 %	1,486	531	389,181
Miami, FL	29.9 %	1,182	413	418,394
Newark, NJ	29.1 %	1,264	643	278,246
St. Louis, MO	27.4 %	1,594	768	318,563
New Orleans, LA	27.3 %	787	346	377,022
Philadelphia, PA	26.5 %	1,100	345	1,553,153
Atlanta, GA	25.0 %	1,223	577	451,020
Baltimore, MD	23.8 %	1,402	355	622,671

Rates are per 100,000 persons

Crime Rates Across Philadelphia-Nominated High Poverty Cities



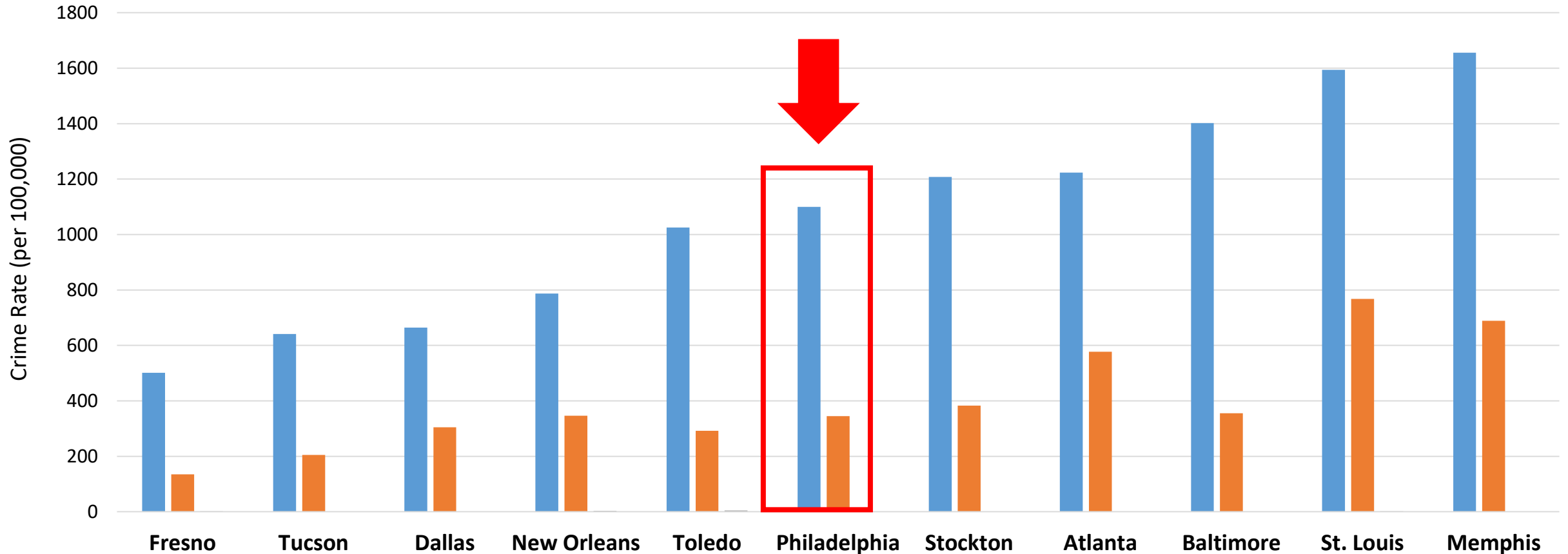
Rates are per 100,000 persons

Which Cities are Most Similar to Philadelphia on Poverty?

City	Poverty (%)	Violent Crime Rate	Gun Violence Rate (Nonfatal)	Population Served
Fresno, CA	28.9 %	501	135	508,876
→ St. Louis, MO	27.4 %	1,594	768	318,563
→ New Orleans, LA	27.3 %	787	346	377,022
Toledo, OH	27.2 %	1,025	292	283,035
Memphis, TN	26.9 %	1,656	689	657,691
Philadelphia, PA	26.5 %	1,100	345	1,553,153
Tucson, AZ	25.2 %	641	205	525,486
→ Atlanta, GA	25.0 %	1,223	577	451,020
Stockton, CA	24.3 %	1,208	383	299,796
Dallas, TX	23.8 %	664	305	1,255,015
→ Baltimore, MD	23.8 %	1,402	355	622,671

Rates are per 100,000 persons

Comparing Crime Rates Across Cities with Similar Poverty Rates



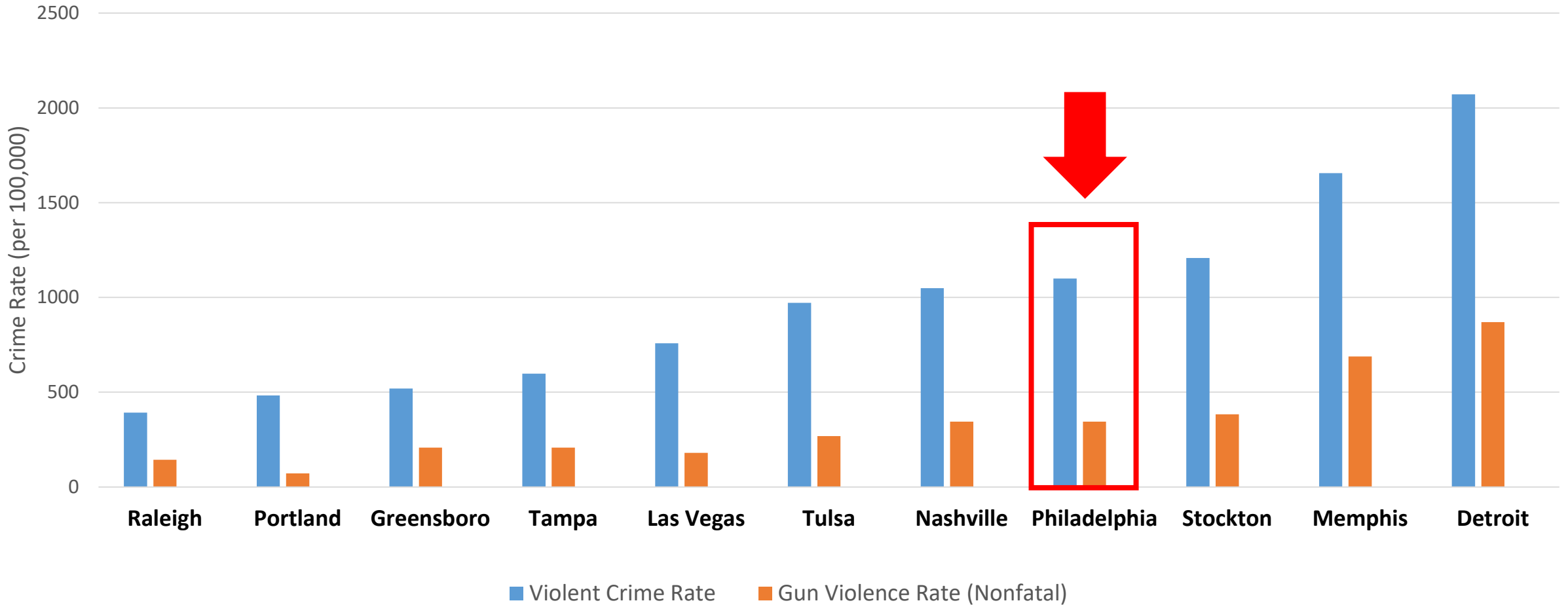
■ Violent Crime Rate ■ Gun Violence Rate (Nonfatal)

Rates are per 100,000 persons

Which Cities are Similar to Philadelphia on Homeownership?

City	Homeownership	Violent Crime Rate	Gun Violence Rate (Nonfatal)	Population Served
Nashville, TN	54.2 %	1,049	345	635,673
Las Vegas, NV	53.6 %	758	180	1,500,455
Raleigh, NC	53.6 %	392	143	428,993
Portland, OR	53.4 %	483	71	609,136
Tulsa, OK	53.3 %	971	268	394,498
Philadelphia, PA	53.3 %	1,100	345	1,553,153
Greensboro, NC	53.1 %	519	207	279,343
Detroit, MI	51.9 %	2,072	870	699,889
Stockton, CA	51.2 %	1,208	383	299,796
Memphis, TN	51.1 %	1,656	689	657,691
Tampa, FL	50.9 %	598	208	351,314

Comparing Crime Rates Across Cities with Similar Homeownership Rates










Which Cities Fall Near Philadelphia on Wellbeing Measures Most Often?

City	Violent Crime Rate	Murder Rate	Gun Violence Rate (Nonfatal)	Sworn Officers per 10,000 Citizens	Population Served
Memphis, TN	1,656	19	689	37	657,691
St. Louis, MO	1,594	38	768	42	318,563
Baltimore, MD	1,402	37	355	47	622,671
Milwaukee, WI	1,364	17	613	38	600,805
Washington, DC	1,219	16	357	60	646,449
Philadelphia, PA	1,100	16	345	42	1,553,153

Rates are per 100,000 persons

Regression Analysis

A 1% increase in...	Has this effect on the violent crime rate (per 100,000):	
Poverty		14
Homeownership		7
School Enrollment		18
Foreign Born (%)		12
Black Residential Isolation		4
Hispanic Residential Isolation		3
Asian Residential Isolation		6

Purpose of Making Comparisons

What is the Value of Making Comparisons?

- Policy justifications
- Staffing and budget issues
- Intervention strategies and/or partnerships

- What do you hope to take away from comparisons?