

Example Report

Comparing Selective Health Statistics of Three Cities in the United States: **San Diego, Philadelphia, and Charlotte**

The Management Institute for Quality-of-Life Studies



December 2018

Introduction

This is an example report comparing the health of residents of three metropolitan areas in the United States, namely San Diego (California), Philadelphia (Pennsylvania), and Charlotte (North Carolina). The health indicators we use in this report are:

- Adult Diabetes Rate,
- Adult Obesity Rate,
- Fitness and Recreational Facilities,
- Unintentional Deaths,
- Suicides,
- Homicides,
- Non-injury Deaths,
- Deaths from Undetermined Causes, and
- Total Deaths.

Adult Diabetes Rate

Table 1 compares health statistics of three counties: San Diego, Philadelphia, and Charlotte. The health statistics cover Adult Diabetes Rate, Adult Obesity Rate, and Fitness and Recreational Facilities.

With respect to Adult Diabetes Rate, the data show that San Diego fares the best at 7.5 as reported in 2010, followed by Charlotte at 8.4 and Philadelphia at 11.5. Figure 1 illustrates this comparison graphically.

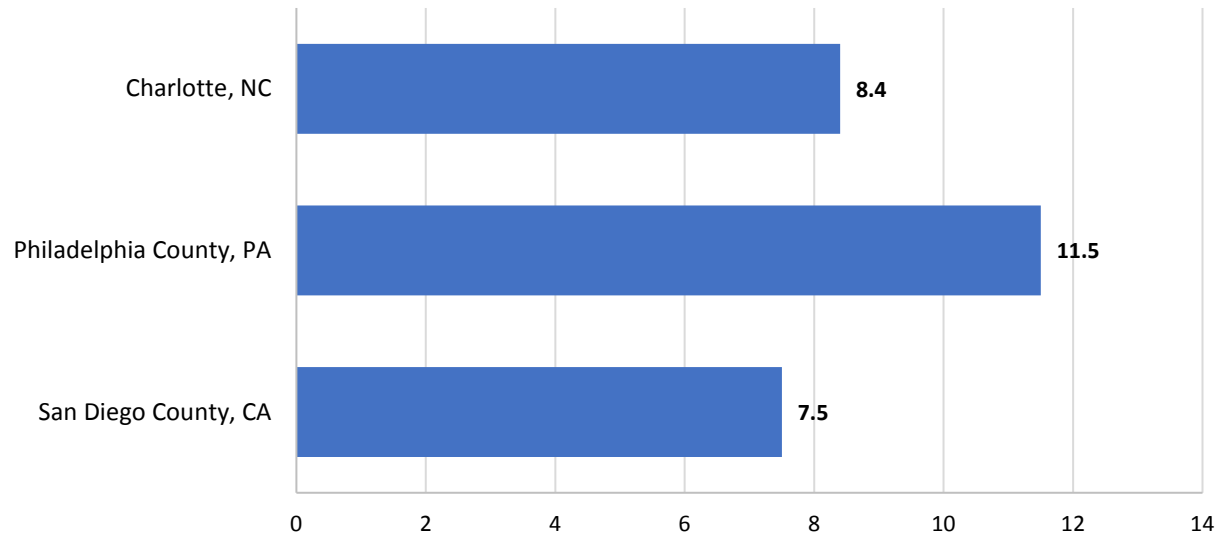
TABLE 1

Adult Diabetes Rate, Adult Obesity Rate, and Number of Fitness and Recreational Facilities for Selected Cities

	Adult Diabetes Rate 2010	Adult Obesity Rate 2010	Fitness and Recreational Facilities 2011
San Diego County, CA	7.5	23.1	322
Philadelphia County, PA	11.5	30.6	92
Charlotte, NC	8.4	25.5	156

Source: Economic Research Service (ERS), U.S. Department of Agriculture (USDA). Food Access Research Atlas, <http://www.ers.usda.gov/data-products/food-access-research-atlas.aspx>.

FIGURE 1
Adult Diabetes Rate, 2010

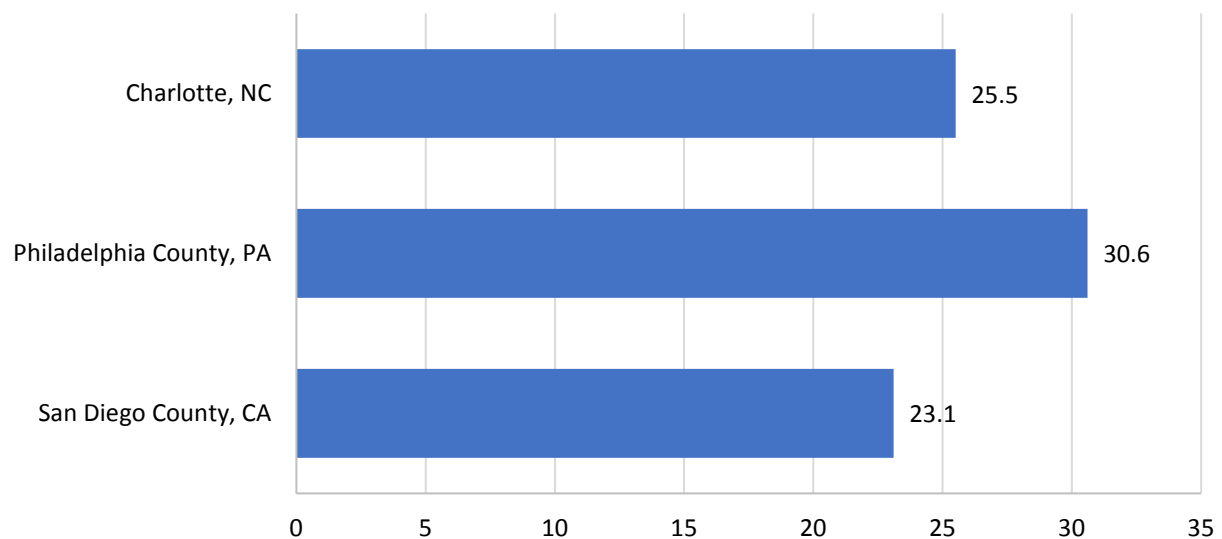


Source: Economic Research Service (ERS), U.S. Department of Agriculture (USDA). Food Access Research Atlas, <http://www.ers.usda.gov/data-products/food-access-research-atlas.aspx>.

Adult Obesity Rate

With respect to Adult Obesity Rate, Table 1 shows that San Diego fares the best at 23.1 as reported in 2010, followed by Charlotte at 25.5, and Philadelphia at 30.6. Figure 2 illustrates this comparison graphically.

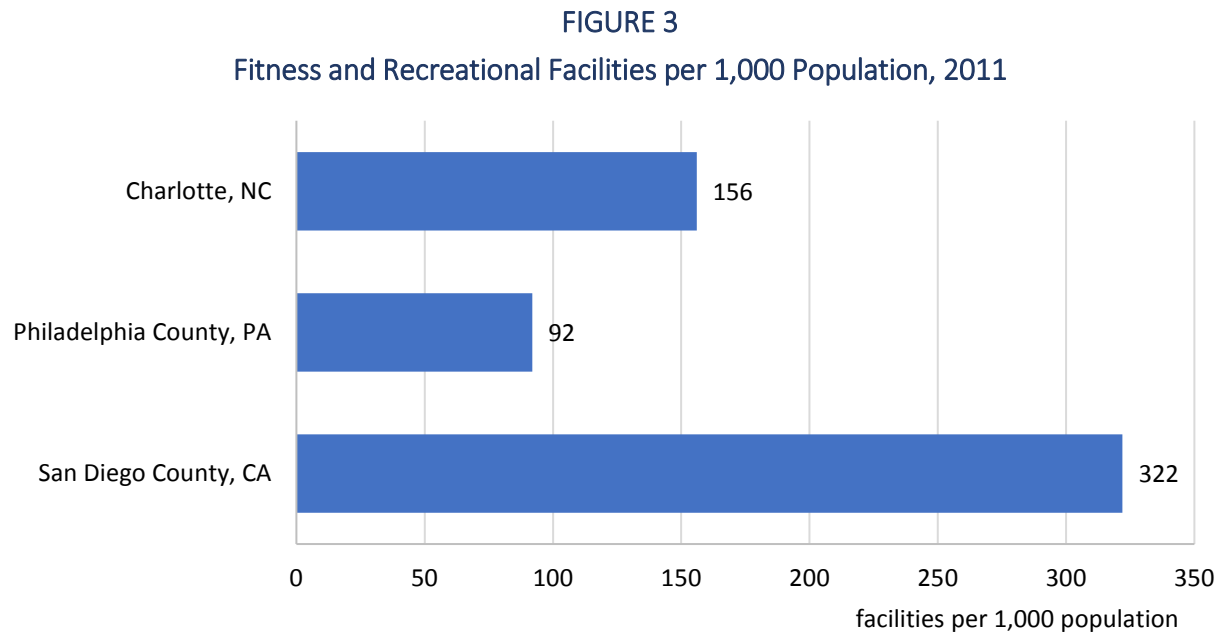
FIGURE 2
Adult Obesity Rate, 2010



Source: Economic Research Service (ERS), U.S. Department of Agriculture (USDA). Food Access Research Atlas, <http://www.ers.usda.gov/data-products/food-access-research-atlas.aspx>

Fitness and Recreational Facilities

With respect to Fitness and Recreational Facilities (per 1,000 Population), Table 1 shows that San Diego fares the best at 322 as reported in 2011, followed by Charlotte at 156, and Philadelphia at 92. Figure 3 illustrates this comparison graphically.



Source: Economic Research Service (ERS), U.S. Department of Agriculture (USDA). Food Access Research Atlas, <http://www.ers.usda.gov/data-products/food-access-research-atlas.aspx>.

Unintentional Deaths

Table 2 shows comparative statistics of San Diego, Philadelphia, and Charlotte related to several morbidity variables, the first being Unintentional Deaths (per 100,000 Population). The data in the table show that San Diego had the highest Unintentional Deaths as recorded in 2010 at 942, followed by Philadelphia at 704 and Charlotte at 209. Figure 4 illustrates this comparison graphically.

TABLE 2
Number of Deaths per 100,000 by Cause of Death, 2010

	San Diego County, CA	Philadelphia County, PA	Charlotte, NC
Unintentional Deaths	942	704	209
Suicides	355	146	100
Homicides	75	309	63
Non-injury Deaths	18,007	12,878	4,706
Deaths from Undetermined Causes	0	10	0

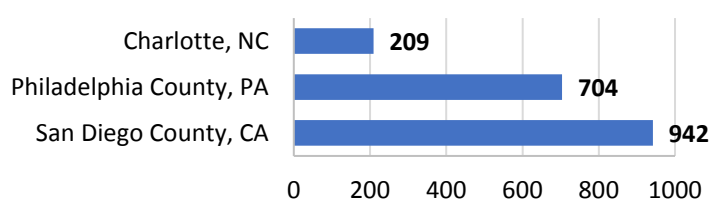
Total Deaths	19,390	14,048	5,079
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Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010 on CDC WONDER Online Database, released January 2013. Data are compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-icd10.html> on Jun 9, 2014 9:01:40 AM

* Sub-national data representing fewer than ten (0-9) persons are suppressed for year 1989 and later years.

* Crude death rates and age-adjusted death rates are marked as "unreliable" when the death count is less than 20.

FIGURE 4
Number of Unintentional Deaths per 100,000, 2010

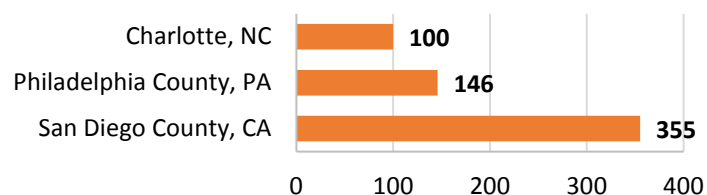


Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010 on CDC WONDER Online Database, released January 2013. Data are compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-icd10.html> on Jun 9, 2014 9:01:40 AM

Suicides

Table 2 compares Suicides (per 100,000 Population) of San Diego, Philadelphia, and Charlotte. The data in the table show that Philadelphia had the highest Homicides as recorded in 2010 at 355, followed by Philadelphia at 146 and Charlotte at 100. Figure 5 illustrates this comparison graphically.

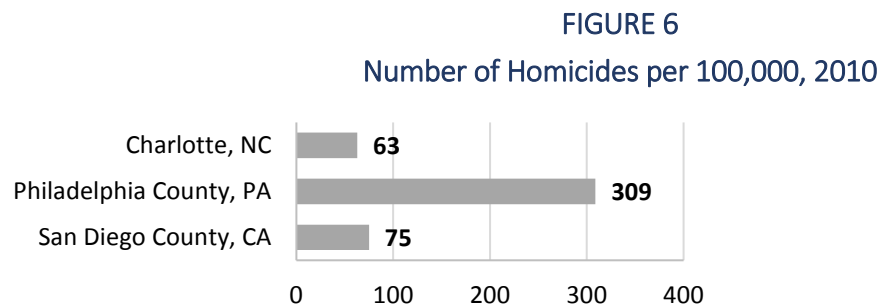
FIGURE 5
Number of Suicides per 100,000, 2010



Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010 on CDC WONDER Online Database, released January 2013. Data are compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-icd10.html> on Jun 9, 2014 9:01:40 AM

Homicides

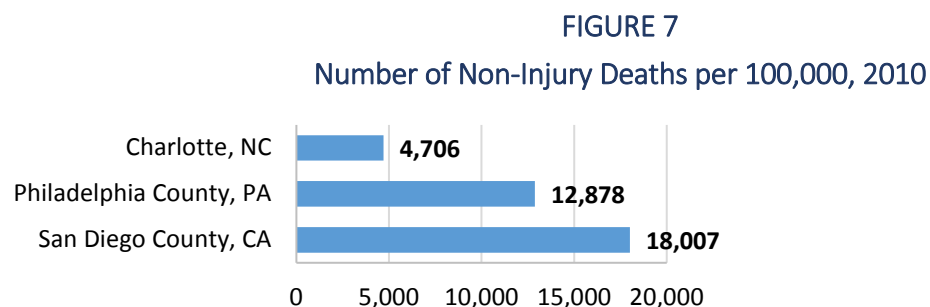
Table 2 compares Homicides (per 100,000 Population) of San Diego, Philadelphia, and Charlotte. The data in the table show that Philadelphia had the highest Homicides as recorded in 2010 at 309, followed by San Diego at 75 and Charlotte at 63. Figure 6 illustrates this comparison graphically.



Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010 on CDC WONDER Online Database, released January 2013. Data are compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-icd10.html> on Jun 9, 2014 9:01:40 AM

Non-Injury Deaths

Table 2 compares Non-injury Deaths (per 100,000 Population) of San Diego, Philadelphia, and Charlotte. The data in the table show that San Diego had the highest Non-injury Deaths as recorded in 2010 at 18,007, followed by Philadelphia at 12,878 and Charlotte at 4,706. Figure 7 illustrates this comparison graphically.



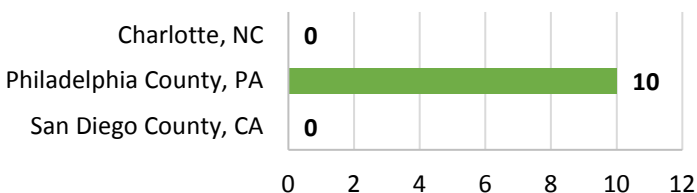
Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010 on CDC WONDER Online Database, released January 2013. Data are compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-icd10.html> on Jun 9, 2014 9:01:40 AM

Deaths from Undetermined Causes

Table 2 compares Deaths from Undetermined Causes (per 100,000 Population) of San Diego, Philadelphia, and Charlotte. The data in the table show that Philadelphia had 10 Deaths from Undetermined Causes as recorded in 2010, while both San Diego and Charlotte had none. Figure 8 illustrates this comparison graphically.

FIGURE 8

Number of Deaths from Undetermined Causes per 100,000, 2010



Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2010 on CDC WONDER Online Database, released January 2013. Data are compiled from Compressed Mortality File 1999-2010 Series 20 No. 2P, 2013. Accessed at <http://wonder.cdc.gov/cmfi-icd10.html> on Jun 9, 2014 9:01:40 AM

Summary

As stated in the Introduction section, this is an example report comparing the health of residents of three metropolitan areas in the United States, namely San Diego (California), Philadelphia (Pennsylvania), and Charlotte (North Carolina). The comparative statistics indicate the following:

- Adult Diabetes Rate: The data show that San Diego fares the best at 7.5 as reported in 2010, followed by Charlotte at 8.4, and Philadelphia at 11.5.
- Adult Obesity Rate: The data show that San Diego fares the best at 23.1 as reported in 2010, followed by Charlotte at 25.5, and Philadelphia at 30.6.
- Fitness and Recreational Facilities (per 1,000 Population): The data show that San Diego fares the best at 322 as reported in 2011, followed by Charlotte at 156 and Philadelphia at 92.
- Unintentional Deaths (per 100,000 Population): The data show that San Diego had the highest Unintentional Deaths as recorded in 2010 at 942, followed by Philadelphia at 704 and Charlotte at 209.
- Suicides (per 100,000 Population): The data show that Philadelphia had the highest Homicides as recorded in 2010 at 355, followed by Philadelphia at 146 and Charlotte at 100.
- Homicides (per 100,000 Population): The data show that Philadelphia had the highest Homicides as recorded in 2010 at 309, followed by San Diego at 75 and Charlotte at 63.
- Non-injury Deaths (per 100,000 Population): The data show that San Diego had the highest Non-injury Deaths as recorded in 2010 at 18,007, followed by Philadelphia at 12,878 and Charlotte at 4,706. Figure 7 illustrates this comparison graphically.
- Undetermined Causes (per 100,000 Population): The data show that Philadelphia had 10 Deaths from Undetermined Causes as recorded in 2010, while both San Diego and Charlotte had none.
- Total Deaths (per 100,000 Population): The data show that San Diego had 19,390 Total Deaths as recorded in 2010, followed by Philadelphia at 14,048 and Charlotte at 5,079.