

THE POTENTIAL DANGERS OF SEXUALLY ORIENTED BUSINESSES

by

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A REPORT

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## Abstract

An ongoing debate has taken place within the criminology and planning sectors. A major question that has been raised is, “Are sexually oriented businesses associated with high crime rates?” Though this may seem like an important topic for communities, there is currently a lack of empirical studies dealing with it. This report acts as a case study for San Francisco, California. The case study compares crime rates near ten strip clubs with crime rates to a fairly similar business, night clubs. The data that was used refers to crime that took place from 2012-2014, and includes most violent, property and public disorder crimes. In order to find out which type of business is more “dangerous”, a percentage equation was used. The results from the percentage equation show the probability of crime incidents within 1,500 feet of a strip club or a night club. An example of a result from this equation is that on average, 3.67% of all of San Francisco’s “Public Drunkenness” incidents will take place within 1,500 feet of a night club. Meanwhile, 4.54% of San Francisco’s “Public Drunkenness” incidents will occur within 1,500 feet of a strip club. One can see that each business has its own percentage based off of public drunkenness crimes that occurred from 2012-2014. A GIS spatial analysis process, the Ordinary Least Squares (OLS), was also used. The OLS process factors crimes with demographics. This is useful for criminological studies because it can find a statistically significant relationship between things like assaults and the percentage of people living in poverty. The crimes were arranged in 18 categories ranging from kidnapping to domestic violence, from larceny to arson, etc. Results show that when viewing the numbers from the percentage equation, night clubs had higher percentages for 6 of the 18 crimes. The strip clubs showed higher percentages for the remaining 12 crime categories. When viewing the results from the GIS analysis, one can see if crime rates are determined by characteristics such as income, percentage of people receiving

food stamps, proximity to strip clubs and more. This report will cover background literature regarding sexually oriented businesses. It will also show the methodology used for the San Francisco case study, as well as the results from the study.

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## Chapter 1 - Introduction

The purpose of this Master's Report is to study the criminological effects of adult oriented clubs, or more commonly known as strip clubs. These businesses are referred to by planners as SOBs (Sexually Oriented Businesses). SOBs are a widely debated and highly controversial subject in academia. Many studies have shown that they are closely associated with higher crime rates and even a decline in nearby property values. Due to the potential association of crimes and also a complex argument for first amendment rights, it is important for the planning community to study sexually oriented businesses. This type of land use has become so controversial that there have been two significant Supreme Court cases regarding the legality of zoning for sexually oriented businesses. The verdicts of these two cases both state that there are criminal effects for sexually oriented businesses and that a municipal government has the right to defend the character of its neighborhoods. For this project, 10 adult oriented clubs (strip clubs) will be compared with 10 non-adult oriented clubs. Refer to non-adult oriented clubs as simply discotheques or night clubs. The study area is San Francisco, California. So, the ultimate research question is, "What are the criminological effects of adult oriented clubs?" The two sub-questions also covered in this report are: "What are the neighborhood characteristics for the sites with strip clubs and night clubs?" "Do those neighborhood characteristics help determine crime rates next to a strip club or night club?"

## Chapter 2 - Background

This section will cover the literature associated with SOBs. Two United States Supreme Court Cases have encountered the issue of secondary effects of such businesses. The first being *Young v. American Mini Theaters* in 1976, and the other, *Renton v. Playtime Theaters Inc.* in 1986. In the first case, Detroit passed a zoning ordinance which prohibited adult theaters from locating near residential areas or within 1,000 feet of another already existing SOB. The result of this ordinance was cumbersome to any prospective adult theater business owners. Only 5% of the city's land could be suitable, and legal, for the development of an adult theater. The Supreme Court stated that municipalities have the right to protect the character of their neighborhoods and such an ordinance is legal (*Young v. American Mini Theaters*, 1976). Ten years later, the Supreme Court had a similar case based on the occurrences of a Seattle suburb, Renton. Renton passed an ordinance which prohibited adult theaters from locating near residential areas, churches, parks, or any type of school. The Supreme Court stated that the city's intention was to not ban adult theaters, but to contain the secondary effects of a sexually oriented business. Due to Renton not forbidding adult theaters entirely, and showing good intentions (protecting the character of their neighborhoods), the ordinance was deemed constitutional (*Renton v. Playtime Theaters Inc.*, 1986). It was mentioned previously that this subject is debated among academia, so many of these reports defend the idea that SOBs are hotspots for criminal activity. In fact, this report is heavily influenced by the study conducted in Louisville, KY by Eric McCord and Richard Tewksbury in 2012. The researchers studied the secondary effects of all SOBs in Jefferson County, 21 of which were strip clubs, and 9 were retail stores. For each of the study sites, the researchers placed a series of buffers around the business. The distances of the buffers ranged from 250 feet to 1,500 feet. Next, they calculated location quotients to determine if the

SOBs were hotspots for crime. The location quotient calculation is simply dividing the number of crimes in one buffer by the total crimes in Jefferson County. If the location quotient is a high number, like 2, the crimes within that buffer are two times higher than all of Jefferson County. Both the buffers and location quotients show that crimes are more frequent than the control group when nearby an SOB, especially when in the small, 250 foot buffer. It should be noted that the researchers used violent, property and disorder crimes (Tewksbury and McCord, 2012). The methodology will be discussed on the next section of this document, however, it is important to know that this study heavily influences what will be done in this project.

Another defense for considering the criminal impacts of SOBs was conducted in the rural town of Montrose, Illinois. In 2008, the researcher, Richard McCleary, studied a retail oriented SOB located off an Interstate 70 ramp. He studied crimes within a 750 foot radius of the business in a time frame of 1,642 days. For 881 of the days, the business was open, and for the remaining 761 days, the business was closed. While in business, 83 crimes were reported, most of which were incidents of disorder, indecency, and offenses for drugs and alcohol. Crimes increased 60 percent when the business was in operation (McCleary, 2008).

For a West Coast example, the City of Los Angeles studied the criminal and property value effects of sexually oriented businesses from 1969-1975. They compared 10 areas, 5 areas had a concentration of SOBs, and the other 5 areas did not have any SOBs. The data that was considered was property assessments, testimonies from public meetings, responses from two questionnaires, and crime statistics. More than 90% of realtors, real estate appraiser and lenders stated in the city's questionnaires that the grouping of sexually oriented businesses within 500-1,000 feet of a residential property decreases the market value of the home. Testimonies from residents and businesses at public meetings show that many are against the presence of sexually

oriented business. Their justifications were fear of crime, concern for children, loss of customers and difficulty hiring employees. As for the crime statistics, more crime was reported in the 5 areas with a concentration of SOBs. The crime rates in these areas were so disproportionate when comparing to crime rates for the city at large. Murder was 42.3% higher, assault 45.2% higher, and robbery 52.6% higher in areas with a concentration of SOBs (National Law Center for Children and Families, 2000).

There is a counter argument for SOBs. Criminologist, Daniel Linz, has conducted several studies and critiques of Richard McCleary to show that SOBs are not associated with crime. One study that he conducted, with associates, took place in Charlotte, North Carolina. The researchers placed two buffers around 20 strip clubs, one buffer being 500 feet, the other being 1,000 feet. The radius of 1,000 feet was chosen due to many municipalities forcing SOBs to be located 1,000 feet away from places like churches, schools and other sensitive land uses. Next, they chose 20 comparative sites which were mostly fast food restaurants or gas stations. What sets this study apart from others is the careful consideration of comparative sites. Using U.S. Census data, the researchers made sure the strip clubs and comparative sites had the same neighborhood demographics. The demographics for both the strip clubs and the comparative sites had to have similar values of the following: total population; percentage of households that are female-headed; percentage of African-Americans; percentage of population that is 18-29 years old; percentage of adult population that is divorced; and median household income. The end results show that crimes (for the past three years) were higher within the buffers of the comparative sites and that the strip clubs actually lowered crime rates (Linz et al, 2004). The case study in San Francisco used a mixture of these researchers' methodologies.

## Chapter 3 - Methodology

The first task is to restate the major research question and then state any sub-questions that will go along with the project.

- Major Research Question: “What are the criminological effects of adult oriented clubs?”
- Sub Questions: “What are the neighborhood characteristics for the sites with strip clubs?”
- “Do those neighborhood characteristics help determine crime rates next to a strip club or night club?”

The next step of this project was to locate 10 strip clubs and 10 night clubs within the San Francisco city limits. The search was conducted online, all 20 sites have websites to verify that they either have or do not have adult oriented activities such as stripping in the facilities. The websites also verified that they operated between 2012-2014. The same three years that were chosen for the crime data. Next, was to find the parcel numbers of each business (San Francisco, 2016). With the parcel numbers, one could then locate them on a GIS map of San Francisco. Figure 3.1 below shows 8 of the 10 selected strip clubs on a parcel map. The strip clubs are the parcels highlighted in blue, the ones with an orange boundary indicate that there are two strip clubs in the same parcel.



Figure 3.1. 8 Strip Clubs in a Parcel Map. Phillip Martinez

Seeing that the strip clubs are clustered in one neighborhood can create problems when studying their relation to crime. It should be mentioned that when a neighborhood has a cluster of sexually oriented businesses, it is referred to as a “Combat Zone”. The problem with such a cluster is that crimes can overlap. Each business was given six buffers (radii), measured in feet: 250, 500, 750, 1,000, 1,250, 1,500. Figure 3.2 below shows what one strip club looks like with the six buffers. Compare it to Figure 3.3 where two strip clubs are given their six buffers. One can see that the buffers overlap. Due to the fact that crimes are counted in the buffers, it is inevitable that a crime will be counted twice, one for each business. Figure 3.4 shows just how problematic it can be to determine which crimes go in each buffer.

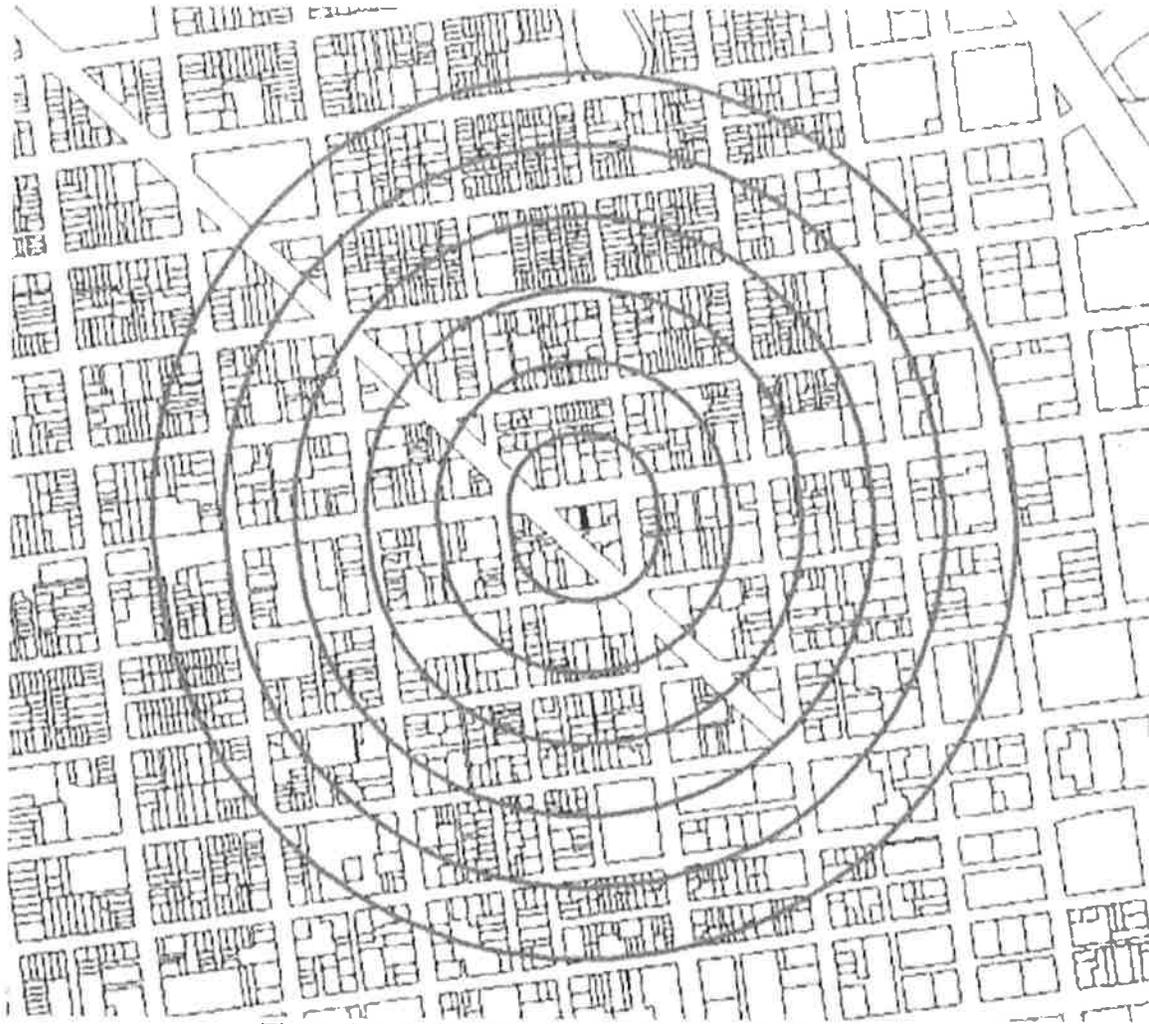


Figure 3.2. Strip Club with Six Buffers. Phillip Martinez

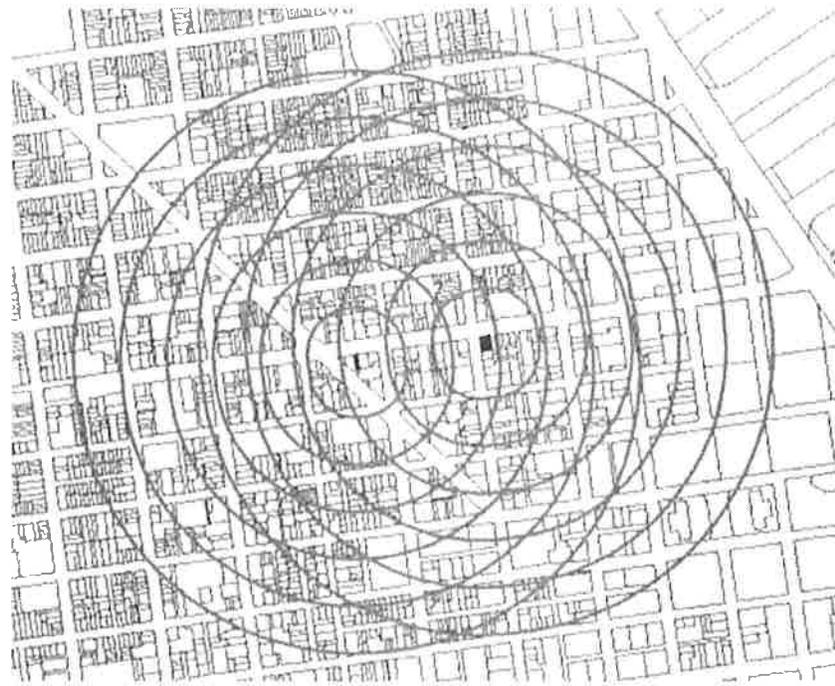


Figure 3.3. Two Strip Clubs with Assigned Buffers. Phillip Martinez



Figure 3.4. Two Strip Clubs with Assigned Buffers and Arson Crimes. Phillip Martinez

One can see on Figure 3.4 the green dots that represent arson crimes. Unfortunately, because the buffers are so large, it is inevitable that some of the arson crimes belong in the jurisdiction of both strip clubs. A solution to counter that issue would be to divide the crimes that fall in two jurisdictions by two. So that way, no crime would be counted twice in this study. Figure 3.5 shows an example of that situation, and how the division process would work. GIS is unable to do such a division process, and when trying to manually divide more common crimes such as larceny, the task is nearly impossible. That being stated, the case study did not cease, and crimes were counted in each businesses' buffers, regardless if the same crime would be counted in another businesses' buffers.

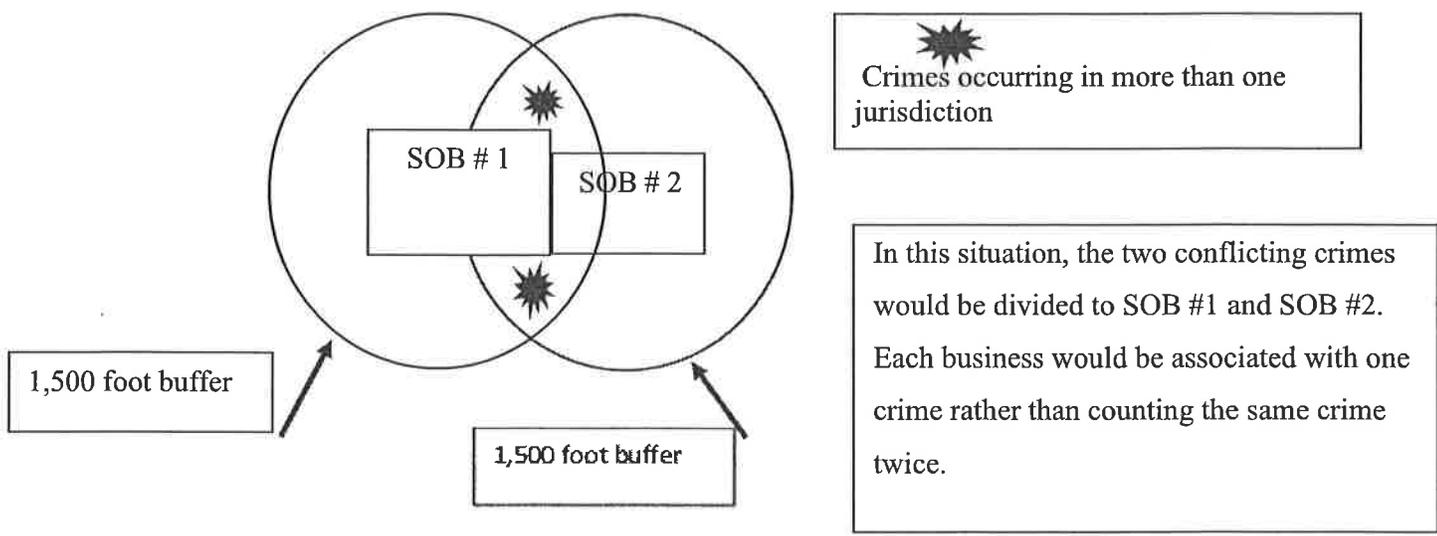


Figure 3.5. Division Process. Phillip Martinez

As mentioned previously, the businesses and their six buffers were all mapped. Finding and mapping crime data was the next step. Like McCord and Tewksbury (2012), this report also used violent, property, and disorder crimes. Table 3.1 below shows the 20 crimes and which category they fall under. The crime data was obtained by the San Francisco Police Department (San Francisco Police Department, 2015). The crimes were categorized in a similar way to how the FBI organizes crime. For example, a homicide is classified as a “violent crime” and an act of larceny is considered a “property crime” (Federal Bureau of Investigation, 2011).

| <b>Violent</b>     | <b>Property</b> | <b>Public Order</b> |
|--------------------|-----------------|---------------------|
| Murder             | Burglary        | Gambling            |
| Sex Crimes         | Larceny         | Illegal Drugs       |
| Robbery            | Vehicle Theft   | Vagrancy            |
| Aggravated Assault | Arson           | Public Intoxication |
| Domestic Violence  |                 | Disorderly Conduct  |
| Kidnapping         |                 | Vandalism           |
|                    |                 | DUI                 |
|                    |                 | Alcohol             |
|                    |                 | Pornography         |
|                    |                 | Prostitution        |

Table 3.1. Crimes and Their Assigned Categories. Phillip Martinez

Table 3.1 can leave the reader confused. For example, a DUI (on the public order crimes) is fairly self-explanatory. However, what is the difference between a “prostitution crime” and a “sex crime”? Would a public intoxication charge be the same as a disorderly conduct charge? For answers to those questions, we must resort to the original crime data tables obtained from the San Francisco Police Department. Tables 3.2 and 3.3 (below) are from the original crime data set. One can see the “category” as either “sex offenses, forcible” on Table 3.2 or “prostitution”

on Table 3.3. Though the categories may seem similar, one can see from the descriptions that they are quite different.

| ID   | IncidentNum | Category     | Descrip                               | DayOfWeek |
|------|-------------|--------------|---------------------------------------|-----------|
| 374  | 141099184   | PROSTITUTION | LOITERING FOR PURPOSE OF PROSTITUTION | Wednesday |
| 2003 | 150003485   | PROSTITUTION | HUMAN TRAFFICKING                     | Friday    |
| 2587 | 141082690   | PROSTITUTION | PANDERING                             | Thursday  |
| 3866 | 141073081   | PROSTITUTION | SOLICITS FOR ACT OF PROSTITUTION      | Sunday    |
| 3879 | 141073031   | PROSTITUTION | SOLICITS FOR ACT OF PROSTITUTION      | Sunday    |
| 3928 | 141072685   | PROSTITUTION | SOLICITS FOR ACT OF PROSTITUTION      | Sunday    |
| 5173 | 141064068   | PROSTITUTION | HUMAN TRAFFICKING                     | Thursday  |
| 5206 | 141063888   | PROSTITUTION | HUMAN TRAFFICKING                     | Thursday  |
| 5226 | 141063690   | PROSTITUTION | HUMAN TRAFFICKING                     | Thursday  |
| 5246 | 141063521   | PROSTITUTION | HUMAN TRAFFICKING                     | Thursday  |
| 5721 | 141060555   | PROSTITUTION | SOLICITS FOR ACT OF PROSTITUTION      | Wednesday |
| 5722 | 141060555   | PROSTITUTION | HUMAN TRAFFICKING                     | Wednesday |
| 6157 | 141056996   | PROSTITUTION | HUMAN TRAFFICKING                     | Tuesday   |
| 6158 | 141056996   | PROSTITUTION | PIMPING                               | Tuesday   |

Table 3.2. Sex Crimes and Their Descriptions. San Francisco Police Department.

| ID   | IncidentNum | Category               | Descrip                                  | DayOfWeek |
|------|-------------|------------------------|--|-----------|
| 175  | 150015117   | SEX OFFENSES, FORCIBLE | ASSAULT TO RAPE WITH BODILY FORCE        | Wednesday |
| 177  | 150015117   | SEX OFFENSES, FORCIBLE | CHILD ABUSE SEXUAL                       | Wednesday |
| 179  | 150015117   | SEX OFFENSES, FORCIBLE | CHILD ABUSE, EXPLOITATION                | Wednesday |
| 757  | 150094622   | SEX OFFENSES, FORCIBLE | FORCIBLE RAPE, BODILY FORCE              | Tuesday   |
| 758  | 150094622   | SEX OFFENSES, FORCIBLE | ORAL COPULATION, UNLAWFUL (ADULT VICTIM) | Tuesday   |
| 759  | 150094622   | SEX OFFENSES, FORCIBLE | SODOMY (ADULT VICTIM)                    | Tuesday   |
| 942  | 141094786   | SEX OFFENSES, FORCIBLE | CHILD ABUSE, PORNOGRAPHY                 | Monday    |
| 1074 | 150016977   | SEX OFFENSES, FORCIBLE | SEXUAL ASSAULT, AGGRAVATED, OF CHILD     | Monday    |
| 2385 | 141086294   | SEX OFFENSES, FORCIBLE | FORCIBLE RAPE, BODILY FORCE              | Thursday  |
| 2580 | 150023392   | SEX OFFENSES, FORCIBLE | FORCIBLE RAPE, BODILY FORCE              | Thursday  |

Table 3.3. Prostitution Crimes and Their Descriptions. San Francisco Police Department

One can see on Table 3.2 that “sex Crimes” consisted of things such as forcible rape and child molestation. Table 3.3 shows “Prostitution Crimes” as much different types of crimes. They are acts of human trafficking, pimping, and soliciting for sex. To avoid any further confusion about similar sounding crime categories, descriptions are placed in the appendix. The descriptions are given for each crime. Table 3.4 shows all the crime categories and the total number of crimes that occurred in the three year time span. The San Francisco Police

Department did not provide data for homicides or vagrancy. Disregard “murder” and “vagrancy” on Table 3.1. This case study analyzed the remaining 18 crimes that are listed below.

|                     |                |
|---------------------|----------------|
| Arson               | 738            |
| Assault             | 37,173         |
| Burglary            | 18,512         |
| Disorderly Conduct  | 1,513          |
| Domestic Violence   | 5,745          |
| Illegal Drugs       | 18,636         |
| Public Intoxication | 2,218          |
| DUI                 | 1,251          |
| Gambling            | 48             |
| Kidnapping          | 1,333          |
| Larceny             | 105,397        |
| Liquor              | 633            |
| Pornography         | 9              |
| Prostitution        | 1,831          |
| Robbery             | 11,577         |
| Sex Crimes          | 2,397          |
| Vandalism           | 21,896         |
| Vehicle Theft       | 19,540         |
|                     | <b>250,447</b> |

Table 3.4. Total Number of Crimes in San Francisco from 2012-2014. San Francisco Police Department

Now that the businesses, their buffers, and the crimes were mapped, the next step was to count the crimes in each buffer. Rather than manually calculating how many crimes fall into the jurisdiction of six buffers, one can do this on GIS using a “Spatial Join Tool”. This automatically counts the number of crimes that fall into each buffer. Table 3.5 shows an example of how each crime category is calculated. The table specifically shows the number of arson crimes in each strip club’s buffers. Keep in mind that Table 3.5 is just a small portion of a large table. The larger table shows all crime categories and their counts for both the strip club and night club buffers. Due to the size of this table, it is located in the appendix.

| Name of Strip Club  | Arson Crime Counts Per |     |     |      |      |            |
|---|------------------------|-----|-----|------|------|------------|
|   | 250                    | 500 | 750 | 1000 | 1250 | 1500       |
| Strip Club 1  | 0                      | 1   | 2   | 3    | 4    | 8          |
| Strip Club 2  | 0                      | 1   | 4   | 6    | 6    | 8          |
| Strip Club 3  | 0                      | 1   | 4   | 5    | 6    | 7          |
| Strip Club 4  | 0                      | 1   | 4   | 6    | 6    | 8          |
| Strip Club 5  | 0                      | 1   | 2   | 3    | 5    | 7          |
| Strip Club 6  | 0                      | 2   | 3   | 4    | 7    | 8          |
| Strip Club 7  | 0                      | 1   | 4   | 5    | 6    | 7          |
| Strip Club 8  | 0                      | 2   | 3   | 4    | 7    | 9          |
| Strip Club 9  | 0                      | 2   | 2   | 2    | 5    | 9          |
| Strip Club 10   | 2                      | 9   | 11  | 22   | 32   | 39         |
| <b>Total Arson Incidents in Strip Club Buffers from 2012-2014</b> |                        |     |     |      |      | <b>110</b> |
|   |                        |     |     |      |      |            |
| <b>Total Arson Incidents in SF from 2012-2014</b>                 |                        |     |     |      |      | <b>738</b> |

Table 3.5. Arson Counts for Each Strip Club. Phillip Martinez

After crimes have been counted in each buffer for each business, a percentage function can be used to determine, on average, which business is more associated with crime. Table 3.6 (below) is similar to Table 3.5, however, check the far right column. Those are the results of the percentage function. After reviewing Table 3.6, a summary is written to show how the results were calculated.

| Name of Night Club  | Arson Crime Counts Per Buffer |     |     |      |      |            | % Value      |
|---|-------------------------------|-----|-----|------|------|------------|--------------|
|   | 250                           | 500 | 750 | 1000 | 1250 | 1500       |              |
| Night Club 1  | 0                             | 1   | 2   | 2    | 3    | 4          | 0.54%        |
| Night Club 2  | 0                             | 1   | 4   | 7    | 9    | 14         | 1.90%        |
| Night Club 3  | 0                             | 0   | 0   | 3    | 4    | 5          | 0.68%        |
| Night Club 4  | 3                             | 4   | 6   | 6    | 7    | 11         | 1.49%        |
| Night Club 5  | 0                             | 0   | 17  | 19   | 20   | 20         | 2.71%        |
| Night Club 6  | 0                             | 1   | 3   | 5    | 8    | 18         | 2.44%        |
| Night Club 7  | 4                             | 12  | 16  | 23   | 29   | 35         | 4.74%        |
| Night Club 8  | 1                             | 3   | 3   | 6    | 7    | 8          | 1.08%        |
| Night Club 9  | 0                             | 1   | 3   | 6    | 8    | 11         | 1.49%        |
| Night Club 10   | 0                             | 2   | 3   | 5    | 8    | 11         | 1.49%        |
| <b>Total Arson Incidents in Night Club Buffers from 2012-2014</b> |                               |     |     |      |      | <b>137</b> | <b>1.86%</b> |
| <b>Total Arson Incidents in SF from 2012-2014</b>                 |                               |     |     |      |      | <b>738</b> |              |

Table 3.6. Arson Crimes' Percentages for Strip Clubs. Phillip Martinez

When viewing the far right column of Table 3.6, one will see percentages. For example, the first cell on the right is 1.08%. That was calculated by taking the number from the 1,500 feet buffer, 8, and dividing it by the total number of arson crimes in the city from 2012-2014, 738. So, 1.08% of all arson crimes in San Francisco from 2012-2014 occurred within 1,500 feet of Penthouse Club. The last percentage, 1.49%, is the median number of all the above percentages. This median number is the most important number to consider. It indicates that, on average, a strip club had 1.49% of all arson crimes in San Francisco occur within 1,500 feet in the three year time frame. Equations like this result in a probability of crime. Below is Table 3.7. This table will show all the median percentages. If the percentage is higher for strip clubs, then the crime is more likely to be found within 1,500 feet of a strip club.

|  |       |                      |       |                           |       |                           |       |
|--|-------|----------------------|-------|---------------------------|-------|---------------------------|-------|
| <b>Arson</b>                                       |       | <b>Assault</b>       |       | <b>Burglary</b>           |       | <b>Disorderly Conduct</b> |       |
| Night Club   | 1.86  | Night Club           | 2.20% | Night Club                | 1.80% | Night Club                | 1.87% |
| Strip Club   | 1.49  | Strip Club           | 2.91% | Strip Club                | 2.12% | Strip Club                | 3.01% |
| <b>Domestic Violence</b>                           |       | <b>Drug Crimes</b>   |       | <b>Public Drunkenness</b> |       | <b>DUI</b>                |       |
| Night Club   | 1.70% | Night Club           | 2.82% | Night Club                | 3.67% | Night Club                | 2.67% |
| Strip Club   | 2.29% | Strip Club           | 2.50% | Strip Club                | 4.54% | Strip Club                | 2.22% |
| <b>Illegal Gambling</b>                            |       | <b>Kidnapping</b>    |       | <b>Larceny</b>            |       | <b>Liquor</b>             |       |
| Night Club   | 0.83% | Night Club           | 1.97% | Night Club                | 2.97% | Night Club                | 3.18% |
| Strip Club   | 1.25% | Strip Club           | 2.56% | Strip Club                | 2.27% | Strip Club                | 2.62% |
| <b>Pornography Crimes</b>                          |       | <b>Prostitution</b>  |       | <b>Robberies</b>          |       | <b>Sex Crimes</b>         |       |
| Night Club   | 3.33% | Night Club           | 0.68% | Night Club                | 2.43% | Night Club                | 2.11% |
| Strip Club   | 0.00% | Strip Club           | 3.17% | Strip Club                | 2.58% | Strip Club                | 2.35% |
| <b>Vandalism</b>                                   |       | <b>Vehicle Theft</b> |       |                           |       |                           |       |
| Night Club   | 2.30% | Night Club           | 1.17% |                           |       |                           |       |
| Strip Club   | 2.53% | Strip Club           | 1.26% |                           |       |                           |       |
| <b>Business Type with Higher Crime Percentages</b> |       |                      |       |                           |       |                           |       |
| Night Club   | 6     |                      |       |                           |       |                           |       |
| Strip Club   | 12    |                      |       |                           |       |                           |       |

Table 3.7. Median Percentages for Each Crime and Each Business. Phillip Martinez

One can see from the above table that, on average, crimes are more likely to occur within 1,500 feet of a strip club than a night club. It is one thing to calculate percentages, however, criminologists may argue about neighborhood characteristics. After all, the percentages found in the table above show probability. An example of that is that, on average, 1.26% of all vehicle thefts in San Francisco, occurring from 2012-2014, took place within a 1,500 feet radius of a strip club. Perhaps the neighborhood that the strip clubs are located in has lower incomes, higher percentages of female headed households, higher percentages of people receiving food stamps, and more. According to the researchers mentioned in the Background Chapter, characteristics such as this can lead to higher crime rates. So an argument can be presented which states that it is no wonder that crimes are higher near strip clubs because they are already located in a dangerous

neighborhood. The next section of the report will verify if those accusations are true. The section will present a GIS regression analysis called the “Ordinary Least Square”.

Regression analysis is a technique used to investigate the relationship between one dependent variable and one or more independent or explanatory variables. In this study, the dependent variable is crime and the independent variables are various spatial and demographic data that may in fact determine the occurrence of a crime. The regression analysis allows us to verify whether there is a correlation between the dependent variables and the independent variables and, in case there is one, whether it is positive (i.e. crime probability increases as one independent variable increases) or negative (i.e. crime probability increases as one independent variable increases). The following equation is used to perform a regression analysis (Murack, 2015).

$$y = \alpha_0 + \alpha_1x_1 + \alpha_2x_2 + \dots + \alpha_nx_n$$

Where Y is crime, X1, X2...Xn are the variables, and A0, A1, A2...are the regression coefficients. The variables, in this case, are the distance from SOBs and various neighborhood demographics such as percentage of people living in poverty, percentage of adult population divorced, and more. As suggested by the above equation, the type of regression that is considered in this research is linear regression (i.e. no quadratic terms in the equation). In a linear regression, the dependent variable linearly depends upon the independent variables via a series of coefficients (i.e. the  $\alpha$ s), which can take on positive or negative values. Also, in a linear regression, the dependent variable has to be continuous, something that may hinder the possibility of analyzing phenomena that, at a given location, are not represented by a continuous quantity, but a binary value (i.e. a crime has or has not occurred at a given location). That is why, in this research, crime density rather than crime was considered as the dependent variable. Crime

density was computed starting from the actual crimes using a GIS raster neighborhood operation that, for each pixel, calculated the number of crimes in a radius of 100 meters around the pixel.

The following is a list of the independent variables that were considered:

- Distance from a Night Club
- Distance from a Strip Club
- Percentage of People Aged 18-24
- Percentage of Adult Population Divorced
- Percentage of Households that are Female Head with Children Under the Age of 18
- Percentage of People Receiving Food Stamps
- Median Income
- Total Population
- Percentage of People Living in Poverty

The distance variables were computed using the Euclidean Distance tool in ArcGIS, whereas the other variables were all computed using census data (United States Census Bureau, 2015) (Figure 3.6). A total of 2,000 randomly distributed points were created across the study area and they were assigned the values of crime density and the above-mentioned variables to generate the database on which to run the regression analysis. The regression analysis was conducted using the Ordinary Least Square regression tool in ArcGIS

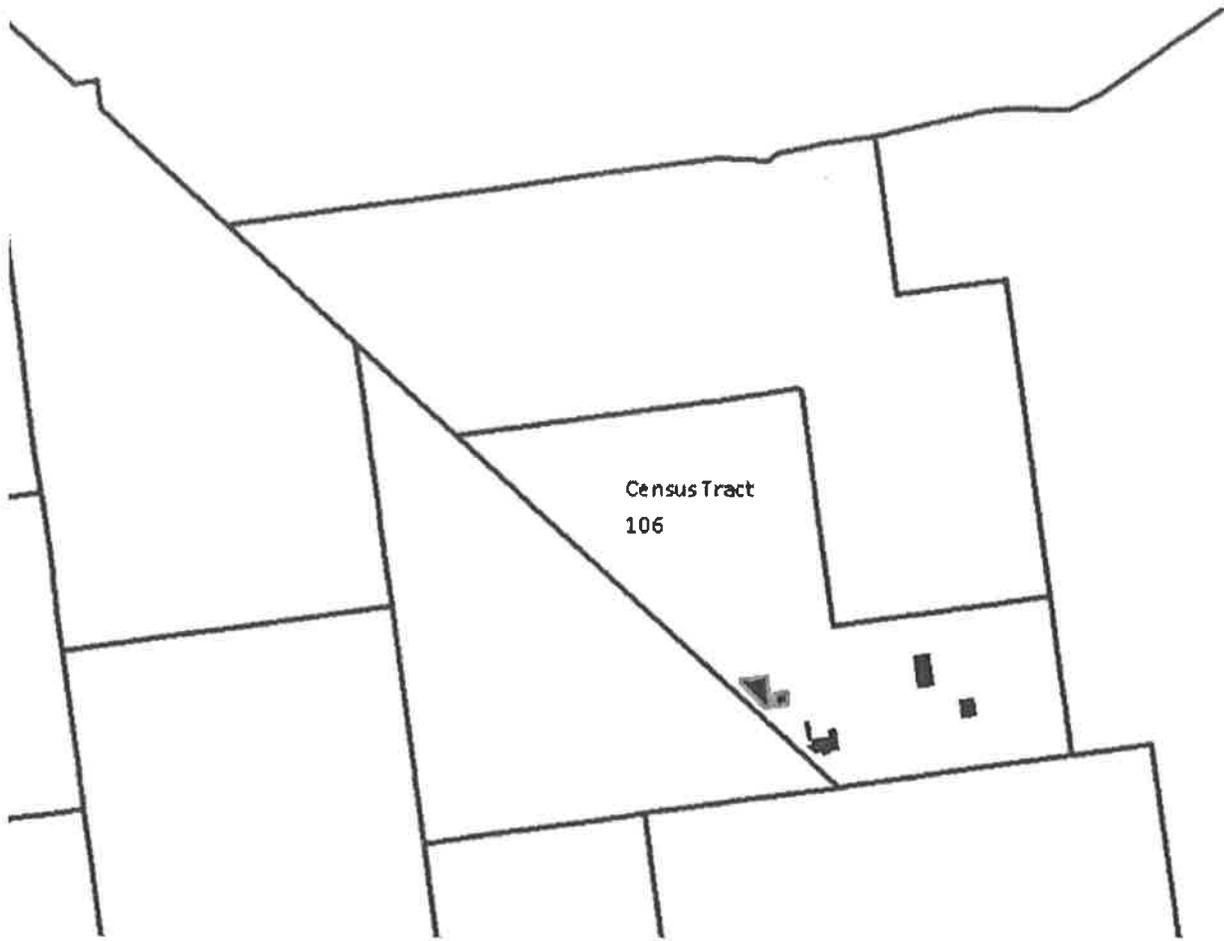


Figure 3.6. Census Tract Map. Phillip Martinez

In total, 109 Census Tracts were combined to make a study area that is 5 miles wide and 4.25 miles long. Each Census Tract has different values for their demographics. The values can be found in the appendix. The size of the study area is shown below on Figure 3.7

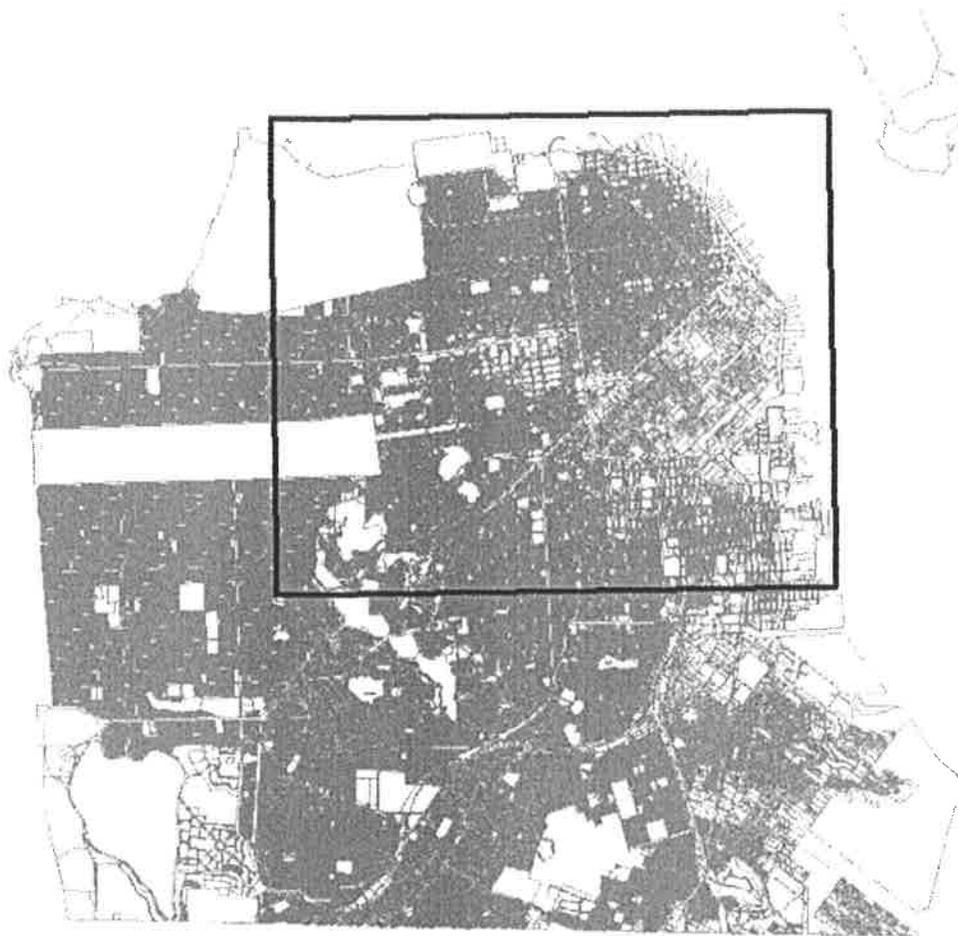


Figure 3.7. Study Area. Phillip Martinez

The result of the OLS operation includes several types of information: Coefficients, Robust Probability, Joint F Statistics, and Joint Wald Statistics. Esri Arcmap defines each of the categories below (Esri, 2016).

Coefficient: The coefficient for each explanatory variable reflects both the strength and type of relationship the explanatory variable has to the dependent variable.

Robust Probability (Robust\_Pr): Asterisk (\*) indicates a coefficient is statistically significant

Joint F and Wald Statistics: Asterisk (\*) indicates overall model significance

The OLS results, with each of the 4 categories are listed in the appendix. When viewing the results, one will come to many conclusions. To help gather those conclusions, a portion of the table is presented below in Table 3.8.

| <b>Disorderly Conduct</b>   |                    |               |
|-----------------------------|--------------------|---------------|
| <b>Variable</b>             | <b>Coefficient</b> | <b>Robust</b> |
| Night Club Distance         | -0.000151          | 0.000280*     |
| Strip Club Distance         | 0.000107           | 0.019104*     |
| Age 18-24                   | -0.052658          | 0.007050*     |
| Divorce                     | 0.023136           | 0.000510*     |
| Female Headed Households    | -0.022826          | 0.000143*     |
| Food Stamps                 | -0.10135           | 0.051207      |
| Income                      | -0.000006          | 0.284171      |
| Population                  | 0.000007           | 0.748107      |
| Poverty                     | 0.110575           | 0.000470*     |
| <b>Joint F Statistic</b>    | 36.882641          | 0.000000*     |
| <b>Joint Wald Statistic</b> | 115.141088         | 0.000000*     |

Table 3.8. Portion of OLS Results. Phillip Martinez

First examine the night club distance coefficient for disorderly conduct crimes. It has a negative number with an asterisk value on the right-adjacent robust probability. This means that the relationship between disorderly conduct crimes and the distance from a night club is statistically significant. Keep in mind that if the right column has an asterisk, then the relationship is always significant. For this example, it is known that if the distance from a night club increases, then the number of disorderly conduct crimes decreases (as suggested by the negative coefficient). Same can be said about the percentage of households that are female headed with children under the age of 18. The higher the amount of those types of households, the less disorderly conduct crimes occur. This contradicts what previous researchers have stated

about those types of households, however, Table 3.8 only represents a certain crime. One can also see that as poverty increases, disorderly conduct crimes increase (due to the positive number for poverty's coefficient). What really needs to be taken into consideration is the Robust Probability value that is found on the right of the coefficient values for the Joint F and Joint Wald Statistics. Notice they both have an asterisk. This indicates that the OLS Regression model was statistically significant. The relationship between disorderly conduct crimes (dependent variable) and the 9 neighborhood characteristics (independent variable) was successfully calculated in this OLS process. Each crime has an asterisk next to the robust probability value for the Joint F Statistic and Joint Wald Statistic. These asterisks answer the third question stated previously, "Do those neighborhood characteristics help determine crime rates next to a strip club or night club?" The answer is yes because when spatially defining the relationship between all crimes and the 9 neighborhood characteristics, the OLS results indicate that the relationships are significant.

## Chapter 4 - Conclusion

This purpose of this report was to answer the following questions:

- Major Research Question: “What are the criminological effects of adult oriented clubs?”
- Sub Questions: “What are the neighborhood characteristics for the sites with strip clubs and night clubs?”
- “Do those neighborhood characteristics help determine crime rates next to a strip club or night club?”

Regarding the first question, the three most common crimes within 1,500 feet of a strip club were Public Drunkenness (4.54%), Prostitution (3.17%), and Disorderly Conduct (3.01%). The percentages refer to the percentage calculation mentioned in the Methodology Chapter. This means that 4.54% of all of San Francisco’s Public Drunkenness incidents took place within 1,500 feet of a strip club. Is 3-4% a large number? Does it represent a strong concentration of crimes when comparing to the city as a whole? More studies like this should be conducted nationwide. This will determine if 3-4% is a fair percentage, or perhaps that is a high concentration of mischievous events. The relationship between distances from a strip club with increased criminal activity is skewed. The third most common crime, disorderly conduct, actually decreases when approaching closer to a strip club. From the OLS results listed in the appendix, when considering crime rates increasing with statistically significant robust probabilities (asterisk value), only one crime increases as one gets closer to a strip club, larceny. Perhaps the strip clubs are not primarily responsible for crime rates in this neighborhood. That is why neighborhood demographics were considered for this study.

This next section will cover the second question stated in the beginning of this chapter. 8 out of 10 of the strip clubs were located in census tract 106. Some characteristics stand out for this census tract when comparing to others in the study area. For one, it has a low median income of less than \$40,000 per year. It also had the highest percentage of households that were female headed with children under the age of 18. Census tract 106 also had high percentages of people receiving food stamps and living in poverty at 17% and 32% respectively. According to the researchers mentioned in the Background Chapter, conditions like this are associated with crime.

To answer the third question and also verify if those conditions are associated with crime, the OLS tool was used. As stated before, the answer to the third question is yes, the neighborhood demographics determine crime rates because the OLS results state that crime (dependent variable) and demographic (independent variable) have a relationship that is statistically significant. The remainder of this chapter will focus on the four characteristics: low income, female headed households, percentage of people receiving food stamps, and percentage of people living in poverty. The following statements are considering the positive (increase of demographic) and negative (decrease of demographic) coefficients and the robust probability values with asterisks.

In regards to low income, as income lowers, the following crimes increase:

1. Arson
2. Burglary
3. Domestic Violence
4. Gambling
5. DUI
6. Larceny

7. Robbery
8. Prostitution
9. Sex Crimes
10. Vandalism
11. Vehicle Theft

As the percentage of households that are female headed with children under the age of 18 increases, no crimes increase. This contradicts what other researchers stated about female headed households, yet, it is worth mentioning that there is no statistically significant relationship between all 18 crimes with this household type.

As the percentage of people receiving food stamps lowers, the following crimes increase:

1. Arson
2. Assault
3. Burglary
4. Domestic Violence
5. DUI
6. Public Drunkenness
7. Kidnapping
8. Larceny
9. Liquor Crimes
10. Robbery
11. Sex Crimes
12. Vandalism

### 13. Vehicle Theft

What does this mean for wealthy neighborhoods? Where far less than 18% of the population receives food stamps? Are those neighborhoods likely to see high rates of the 13 previously stated crimes? The next section can perhaps answer those questions.

As poverty increases, all crimes increase except gambling, pornography, prostitution, and vehicle theft. So perhaps impoverished areas with a high percentage of people receiving food stamps will witness high crime rates, regardless of the presence of a sexually oriented business. The concentration of people living in poverty is more likely to contribute to crime than a concentration of sexually oriented businesses.

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## **Appendix A**

### **Crime Descriptions**

Below is a reference to page 10. It was stated that some crime categories sound too similar and explanations or descriptions of the crimes are needed.

Arson- Burning a building, car, or unauthorized open space

Assault- Battery, aggravated assault, child abuse, inflicting injuries, threatening against Life.

Burglary- Unlawful or forcible entry of building or vehicle.

Disorderly Conduct- Committing a public nuisance, maintaining a public nuisance, disturbing the peace, fighting, swearing

Domestic Violence- Violent acts in a residence

Drugs Crimes- Possession of illegal drugs, sale of illegal drugs and paraphernalia

Drunkenness- Under the influence of alcohol in a public place

DUI- Driving while under the influence of alcohol

Gambling- Illegally partaking in chance games, possession of gambling devices,

Kidnapping- False imprisonment, child stealing,

Larceny- Grand theft or petty theft of another person's possessions

Liquor- Possession of alcohol by a minor, sale of alcohol to a minor, sale of alcohol after hours, selling alcohol without license, consuming alcohol in public view

Pornography- Possession of obscene matter for sale, obscene or lewd plays/performances

Prostitution- Human trafficking, solicits for act of prostitution, pimping, loitering for purpose of prostitution

Robbery- Stealing property with use of bodily force or weapons, carjacking

Sex Crimes- Rape, sexual abuse of child,

Vandalism- Malicious mischief, damaging of property

Vehicle Theft- Stealing of a motor vehicle

## Appendix B

| Name of Night Club  | Arson Crime Counts Per Buffer |     |     |      |      |            | % Value      |
|---|-------------------------------|-----|-----|------|------|------------|--------------|
|   | 250                           | 500 | 750 | 1000 | 1250 | 1500       |              |
| Night Club 1  | 0                             | 1   | 2   | 2    | 3    | 4          | 0.54%        |
| Night Club 2  | 0                             | 1   | 4   | 7    | 9    | 14         | 1.90%        |
| Night Club 3  | 0                             | 0   | 0   | 3    | 4    | 5          | 0.68%        |
| Night Club 4  | 3                             | 4   | 6   | 6    | 7    | 11         | 1.49%        |
| Night Club 5  | 0                             | 0   | 17  | 19   | 20   | 20         | 2.71%        |
| Night Club 6  | 0                             | 1   | 3   | 5    | 8    | 18         | 2.44%        |
| Night Club 7  | 4                             | 12  | 16  | 23   | 29   | 35         | 4.74%        |
| Night Club 8  | 1                             | 3   | 3   | 6    | 7    | 8          | 1.08%        |
| Night Club 9  | 0                             | 1   | 3   | 6    | 8    | 11         | 1.49%        |
| Night Club 10   | 0                             | 2   | 3   | 5    | 8    | 11         | 1.49%        |
| <b>Total Arson Incidents in Night Club Buffers<br/>from 2012-2014</b> |                               |     |     |      |      | <b>137</b> | <b>1.86%</b> |
| <b>Total Arson Incidents in SF from 2012-2014</b>                     |                               |     |     |      |      | <b>738</b> |              |
| Name of Strip Club  | Arson Crime Counts Per Buffer |     |     |      |      |            | % Value      |
|   | 250                           | 500 | 750 | 1000 | 1250 | 1500       |              |
| Strip Club 1  | 0                             | 1   | 2   | 3    | 4    | 8          | 1.08%        |
| Strip Club 2  | 0                             | 1   | 4   | 6    | 6    | 8          | 1.08%        |
| Strip Club 3  | 0                             | 1   | 4   | 5    | 6    | 7          | 0.95%        |
| Strip Club 4  | 0                             | 1   | 4   | 6    | 6    | 8          | 1.08%        |
| Strip Club 5  | 0                             | 1   | 2   | 3    | 5    | 7          | 0.95%        |
| Strip Club 6  | 0                             | 2   | 3   | 4    | 7    | 8          | 1.08%        |
| Strip Club 7  | 0                             | 1   | 4   | 5    | 6    | 7          | 0.95%        |
| Strip Club 8  | 0                             | 2   | 3   | 4    | 7    | 9          | 1.22%        |
| Strip Club 9  | 0                             | 2   | 2   | 2    | 5    | 9          | 1.22%        |
| Strip Club 10   | 2                             | 9   | 11  | 22   | 32   | 39         | 5.28%        |
| <b>Total Arson Incidents in Strip Club Buffers<br/>from 2012-2014</b> |                               |     |     |      |      | <b>110</b> | <b>1.49%</b> |
| <b>Total Arson Incidents in SF from 2012-2014</b>                     |                               |     |     |      |      | <b>738</b> |              |

| Name of Night Club  | Assault Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|---|---------------------------------|-----|-----|------|------|--------------|--------------|
|   | 250                             | 500 | 750 | 1000 | 1250 | 1500         |              |
| Night Club 1  | 25                              | 61  | 133 | 174  | 259  | 362          | 0.97%        |
| Night Club 2  | 8                               | 58  | 130 | 222  | 332  | 514          | 1.38%        |
| Night Club 3  | 31                              | 50  | 67  | 210  | 325  | 459          | 1.23%        |
| Night Club 4  | 13                              | 28  | 46  | 75   | 153  | 246          | 0.66%        |
| Night Club 5  | 26                              | 44  | 998 | 1131 | 1263 | 1448         | 3.90%        |
| Night Club 6  | 19                              | 42  | 96  | 170  | 261  | 418          | 1.12%        |
| Night Club 7  | 317                             | 529 | 865 | 1450 | 2376 | 2911         | 7.83%        |
| Night Club 8  | 9                               | 21  | 68  | 155  | 232  | 290          | 0.78%        |
| Night Club 9  | 23                              | 95  | 170 | 336  | 552  | 750          | 2.02%        |
| Night Club 10   | 23                              | 116 | 174 | 348  | 558  | 762          | 2.05%        |
| <b>Total Assault Incidents in Night Club Buffers from 2012-2014</b> |                                 |     |     |      |      |              | <b>2.20%</b> |
|   |                                 |     |     |      |      | <b>8160</b>  |              |
| <b>Total Assault Incidents in SF from 2012-2014</b>                 |                                 |     |     |      |      | <b>37173</b> |              |
| Name of Strip Club  | Assault Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|   | 250                             | 500 | 750 | 1000 | 1250 | 1500         |              |
| Strip Club 1  | 99                              | 183 | 367 | 500  | 631  | 846          | 2.28%        |
| Strip Club 2  | 197                             | 379 | 574 | 729  | 832  | 964          | 2.59%        |
| Strip Club 3  | 206                             | 372 | 538 | 683  | 810  | 948          | 2.55%        |
| Strip Club 4  | 197                             | 379 | 574 | 729  | 832  | 964          | 2.59%        |
| Strip Club 5  | 50                              | 115 | 255 | 445  | 616  | 783          | 2.11%        |
| Strip Club 6  | 205                             | 349 | 526 | 685  | 841  | 932          | 2.51%        |
| Strip Club 7  | 206                             | 372 | 538 | 683  | 810  | 948          | 2.55%        |
| Strip Club 8  | 226                             | 354 | 526 | 676  | 859  | 942          | 2.53%        |
| Strip Club 9  | 21                              | 75  | 139 | 240  | 377  | 589          | 1.58%        |
| Strip Club 10   | 171                             | 460 | 899 | 1472 | 2227 | 2915         | 7.84%        |
| <b>Total Assault Incidents in Strip Club Buffers from 2012-2014</b> |                                 |     |     |      |      |              | <b>2.91%</b> |
|   |                                 |     |     |      |      | <b>10831</b> |              |
| <b>Total Assault Incidents in SF from 2012-2014</b>                 |                                 |     |     |      |      | <b>37173</b> |              |

| Name of Night Club   | Burglary Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|--|----------------------------------|-----|-----|------|------|--------------|--------------|
|  | 250                              | 500 | 750 | 1000 | 1250 | 1500         |              |
| Night Club 1   | 9                                | 30  | 73  | 115  | 187  | 268          | 1.45%        |
| Night Club 2   | 9                                | 53  | 107 | 166  | 234  | 320          | 1.73%        |
| Night Club 3   | 8                                | 21  | 49  | 110  | 193  | 276          | 1.49%        |
| Night Club 4   | 1                                | 18  | 44  | 87   | 158  | 235          | 1.27%        |
| Night Club 5   | 3                                | 18  | 244 | 296  | 342  | 419          | 2.26%        |
| Night Club 6   | 20                               | 58  | 94  | 166  | 212  | 276          | 1.49%        |
| Night Club 7   | 44                               | 66  | 129 | 280  | 498  | 641          | 3.46%        |
| Night Club 8   | 16                               | 35  | 43  | 86   | 166  | 207          | 1.12%        |
| Night Club 9   | 10                               | 39  | 94  | 179  | 270  | 347          | 1.87%        |
| Night Club 10  | 11                               | 45  | 86  | 182  | 281  | 347          | 1.87%        |
| <b>Total Burglary Incidents in Night Club Buffers from 2012-2014</b> |                                  |     |     |      |      |              | <b>1.80%</b> |
|  |                                  |     |     |      |      | <b>3336</b>  |              |
| <b>Total Burglary Incidents in SF from 2012-2014</b>                 |                                  |     |     |      |      | <b>18512</b> |              |
| Name of Strip Club   | Burglary Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|  | 250                              | 500 | 750 | 1000 | 1250 | 1500         |              |
| Strip Club 1   | 13                               | 47  | 132 | 221  | 297  | 389          | 2.10%        |
| Strip Club 2   | 14                               | 46  | 108 | 186  | 241  | 348          | 1.88%        |
| Strip Club 3   | 11                               | 42  | 100 | 173  | 251  | 335          | 1.81%        |
| Strip Club 4   | 14                               | 46  | 108 | 186  | 241  | 348          | 1.88%        |
| Strip Club 5   | 12                               | 62  | 147 | 215  | 312  | 405          | 2.19%        |
| Strip Club 6   | 16                               | 56  | 112 | 184  | 266  | 379          | 2.05%        |
| Strip Club 7   | 11                               | 42  | 100 | 173  | 251  | 335          | 1.81%        |
| Strip Club 8   | 19                               | 61  | 119 | 190  | 286  | 401          | 2.17%        |
| Strip Club 9   | 11                               | 57  | 127 | 206  | 266  | 330          | 1.78%        |
| Strip Club 10  | 17                               | 110 | 205 | 333  | 503  | 648          | 3.50%        |
| <b>Total Burglary Incidents in Strip Club Buffers from 2012-2014</b> |                                  |     |     |      |      |              | <b>2.12%</b> |
|  |                                  |     |     |      |      | <b>3918</b>  |              |
| <b>Total Burglary Incidents in SF from 2012-2014</b>                 |                                  |     |     |      |      | <b>18512</b> |              |

| Name of Night Club  | Disorderly Conduct Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|---|--|-----|-----|------|------|-------------|--------------|
|   | 250  | 500 | 750 | 1000 | 1250 | 1500        |              |
| Night Club 1  | 2  | 2   | 2   | 3    | 5    | 10          | 0.66%        |
| Night Club 2  | 0  | 4   | 6   | 8    | 9    | 15          | 0.99%        |
| Night Club 3  | 0  | 1   | 1   | 4    | 6    | 9           | 0.59%        |
| Night Club 4  | 0  | 0   | 1   | 1    | 3    | 4           | 0.26%        |
| Night Club 5  | 2  | 2   | 46  | 46   | 50   | 53          | 3.50%        |
| Night Club 6  | 0  | 1   | 4   | 4    | 7    | 11          | 0.73%        |
| Night Club 7  | 5  | 12  | 17  | 60   | 103  | 131         | 8.66%        |
| Night Club 8  | 1  | 1   | 4   | 8    | 13   | 14          | 0.93%        |
| Night Club 9  | 1  | 1   | 7   | 8    | 14   | 18          | 1.19%        |
| Night Club 10   | 1  | 2   | 6   | 8    | 14   | 18          | 1.19%        |
| <b>Total Disorderly Conduct Incidents<br/>in Night Club Buffers from 2012-<br/>2014</b> |  |     |     |      |      | <b>283</b>  | <b>1.87%</b> |
| <b>Total Disorderly Conduct Incidents<br/>in SF from 2012-2014</b>                      |  |     |     |      |      | <b>1513</b> |              |
| Name of Strip Club  | Disorderly Conduct Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|   | 250  | 500 | 750 | 1000 | 1250 | 1500        |              |
| Strip Club 1  | 8  | 13  | 19  | 25   | 29   | 36          | 2.38%        |
| Strip Club 2  | 9  | 17  | 23  | 30   | 37   | 41          | 2.71%        |
| Strip Club 3  | 7  | 17  | 22  | 27   | 36   | 40          | 2.64%        |
| Strip Club 4  | 9  | 17  | 23  | 30   | 37   | 41          | 2.71%        |
| Strip Club 5  | 3  | 11  | 13  | 20   | 27   | 36          | 2.38%        |
| Strip Club 6  | 6  | 13  | 20  | 30   | 38   | 40          | 2.64%        |
| Strip Club 7  | 7  | 17  | 22  | 27   | 36   | 40          | 2.64%        |
| Strip Club 8  | 10   | 12  | 20  | 28   | 36   | 42          | 2.78%        |
| Strip Club 9  | 0  | 1   | 3   | 7    | 9    | 18          | 1.19%        |
| Strip Club 10   | 4  | 8   | 19  | 46   | 97   | 121         | 8.00%        |
| <b>Total Disorderly Conduct Incidents<br/>in Strip Club Buffers from 2012-<br/>2014</b> |  |     |     |      |      | <b>455</b>  | <b>3.01%</b> |
| <b>Total Disorderly Conduct Incidents<br/>in SF from 2012-2014</b>                      |  |     |     |      |      | <b>1513</b> |              |

| Name of Night Club  | Domestic Violence Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|---|---|-----|-----|------|------|-------------|--------------|
|   | 250                                       | 500 | 750 | 1000 | 1250 | 1500        |              |
| Night Club 1  | 1   | 7   | 14  | 19   | 33   | 50          | 0.87%        |
| Night Club 2  | 0   | 2   | 6   | 18   | 33   | 52          | 0.90%        |
| Night Club 3  | 5   | 7   | 10  | 23   | 34   | 53          | 0.92%        |
| Night Club 4  | 0   | 3   | 10  | 11   | 26   | 33          | 0.57%        |
| Night Club 5  | 0   | 5   | 197 | 213  | 226  | 244         | 4.25%        |
| Night Club 6  | 1   | 1   | 2   | 11   | 23   | 42          | 0.73%        |
| Night Club 7  | 28  | 42  | 63  | 120  | 204  | 292         | 5.08%        |
| Night Club 8  | 0   | 0   | 8   | 19   | 35   | 41          | 0.71%        |
| Night Club 9  | 0   | 7   | 19  | 38   | 62   | 84          | 1.46%        |
| Night Club 10   | 0   | 12  | 20  | 38   | 62   | 85          | 1.48%        |
| <b>Total Domestic Violence Incidents in Night Club Buffers from 2012-2014</b> |   |     |     |      |      | <b>976</b>  | <b>1.70%</b> |
| <b>Total Domestic Violence Incidents in SF from 2012-2014</b>                 |   |     |     |      |      | <b>5746</b> |              |
| Name of Strip Club  | Domestic Violence Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|   | 250                                       | 500 | 750 | 1000 | 1250 | 1500        |              |
| Strip Club 1  | 7   | 14  | 35  | 48   | 67   | 109         | 1.90%        |
| Strip Club 2  | 16  | 33  | 81  | 96   | 112  | 130         | 2.26%        |
| Strip Club 3  | 15  | 31  | 59  | 90   | 105  | 132         | 2.30%        |
| Strip Club 4  | 16  | 33  | 81  | 96   | 112  | 130         | 2.26%        |
| Strip Club 5  | 4   | 8   | 23  | 43   | 58   | 80          | 1.39%        |
| Strip Club 6  | 23  | 31  | 51  | 64   | 106  | 131         | 2.28%        |
| Strip Club 7  | 15  | 31  | 59  | 90   | 105  | 132         | 2.30%        |
| Strip Club 8  | 24  | 32  | 51  | 64   | 116  | 129         | 2.25%        |
| Strip Club 9  | 2   | 6   | 13  | 24   | 38   | 56          | 0.97%        |
| Strip Club 10   | 8   | 50  | 83  | 146  | 217  | 289         | 5.03%        |
| <b>Total Domestic Violence Incidents in Strip Club Buffers from 2012-2014</b> |   |     |     |      |      | <b>1318</b> | <b>2.29%</b> |
| <b>Total Domestic Violence Incidents in SF from 2012-2014</b>                 |   |     |     |      |      | <b>5746</b> |              |

| Name of Night Club   | Drug Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|--|------------------------------|-----|-----|------|------|--------------|--------------|
|  | 250                          | 500 | 750 | 1000 | 1250 | 1500         |              |
| Night Club 1   | 4                            | 4   | 4   | 11   | 22   | 29           | 0.16%        |
| Night Club 2   | 0                            | 6   | 18  | 38   | 53   | 80           | 0.43%        |
| Night Club 3   | 7                            | 11  | 16  | 38   | 58   | 88           | 0.47%        |
| Night Club 4   | 2                            | 3   | 8   | 14   | 29   | 39           | 0.21%        |
| Night Club 5   | 14                           | 29  | 420 | 465  | 497  | 553          | 2.97%        |
| Night Club 6   | 0                            | 2   | 13  | 21   | 35   | 67           | 0.36%        |
| Night Club 7   | 416                          | 607 | 936 | 1882 | 2933 | 3487         | 18.71%       |
| Night Club 8   | 5                            | 20  | 72  | 125  | 161  | 198          | 1.06%        |
| Night Club 9   | 8                            | 23  | 67  | 160  | 243  | 351          | 1.88%        |
| Night Club 10  | 10                           | 32  | 73  | 167  | 256  | 371          | 1.99%        |
| <b>Total Drug Incidents in Night Club Buffers from 2012-2014</b> |                              |     |     |      |      | <b>5263</b>  | <b>2.82%</b> |
| <b>Total Drug Incidents in SF from 2012-2014</b>                 |                              |     |     |      |      | <b>18637</b> |              |
|  |                              |     |     |      |      |              |              |
|  |                              |     |     |      |      |              |              |
| Name of Strip Club   | Drug Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|  | 250                          | 500 | 750 | 1000 | 1250 | 1500         |              |
| Strip Club 1   | 42                           | 65  | 100 | 116  | 139  | 159          | 0.85%        |
| Strip Club 2   | 40                           | 78  | 107 | 129  | 148  | 165          | 0.89%        |
| Strip Club 3   | 43                           | 74  | 111 | 132  | 150  | 162          | 0.87%        |
| Strip Club 4   | 40                           | 78  | 107 | 129  | 148  | 165          | 0.89%        |
| Strip Club 5   | 28                           | 54  | 78  | 112  | 132  | 163          | 0.87%        |
| Strip Club 6   | 34                           | 75  | 108 | 134  | 153  | 162          | 0.87%        |
| Strip Club 7   | 43                           | 74  | 111 | 132  | 150  | 162          | 0.87%        |
| Strip Club 8   | 51                           | 91  | 110 | 134  | 154  | 165          | 0.89%        |
| Strip Club 9   | 2                            | 15  | 18  | 39   | 58   | 95           | 0.51%        |
| Strip Club 10  | 312                          | 459 | 792 | 1382 | 2050 | 3259         | 17.49%       |
| <b>Total Drug Incidents in Strip Club Buffers from 2012-2014</b> |                              |     |     |      |      | <b>4657</b>  | <b>2.50%</b> |
| <b>Total Drug Incidents in SF from 2012-2014</b>                 |                              |     |     |      |      | <b>18637</b> |              |

| Name of Night Club  | Drunkenness Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|---|-------------------------------------|-----|-----|------|------|-------------|--------------|
|   | 250                                 | 500 | 750 | 1000 | 1250 | 1500        |              |
| Night Club 1  | 2                                   | 3   | 6   | 10   | 17   | 20          | 0.90%        |
| Night Club 2  | 0                                   | 3   | 10  | 17   | 26   | 38          | 1.71%        |
| Night Club 3  | 1                                   | 1   | 2   | 12   | 22   | 33          | 1.49%        |
| Night Club 4  | 1                                   | 1   | 2   | 6    | 7    | 14          | 0.63%        |
| Night Club 5  | 4                                   | 9   | 82  | 99   | 115  | 162         | 7.31%        |
| Night Club 6  | 1                                   | 3   | 9   | 11   | 22   | 37          | 1.67%        |
| Night Club 7  | 43                                  | 92  | 162 | 240  | 367  | 426         | 19.22%       |
| Night Club 8  | 0                                   | 2   | 3   | 4    | 4    | 7           | 0.32%        |
| Night Club 9  | 3                                   | 6   | 9   | 16   | 26   | 36          | 1.62%        |
| Night Club 10   | 3                                   | 7   | 9   | 14   | 27   | 41          | 1.85%        |
| <b>Total Drunkenness Incidents in Night Club Buffers from 2012-2014</b> |                                     |     |     |      |      | <b>814</b>  | <b>3.67%</b> |
| <b>Total Drunkenness Incidents in SF from 2012-2014</b>                 |                                     |     |     |      |      | <b>2217</b> |              |
| Name of Strip Club  | Drunkenness Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|   | 250                                 | 500 | 750 | 1000 | 1250 | 1500        |              |
| Strip Club 1  | 34                                  | 52  | 79  | 89   | 96   | 103         | 4.65%        |
| Strip Club 2  | 30                                  | 74  | 89  | 96   | 102  | 109         | 4.92%        |
| Strip Club 3  | 37                                  | 70  | 88  | 96   | 101  | 108         | 4.87%        |
| Strip Club 4  | 30                                  | 74  | 89  | 96   | 102  | 109         | 4.92%        |
| Strip Club 5  | 12                                  | 38  | 63  | 85   | 94   | 104         | 4.69%        |
| Strip Club 6  | 35                                  | 67  | 83  | 96   | 101  | 107         | 4.83%        |
| Strip Club 7  | 30                                  | 74  | 89  | 96   | 102  | 109         | 4.92%        |
| Strip Club 8  | 51                                  | 71  | 84  | 95   | 102  | 106         | 4.78%        |
| Strip Club 9  | 4                                   | 13  | 15  | 21   | 28   | 43          | 1.94%        |
| Strip Club 10   | 3                                   | 11  | 22  | 46   | 75   | 108         | 4.87%        |
| <b>Total Drunkenness Incidents in Strip Club Buffers from 2012-2014</b> |                                     |     |     |      |      | <b>1006</b> | <b>4.54%</b> |
| <b>Total Drunkenness Incidents in SF from 2012-2014</b>                 |                                     |     |     |      |      | <b>2217</b> |              |

| Name of Night Club  | DUI Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|---|-----------------------------|-----|-----|------|------|-------------|--------------|
|   | 250                         | 500 | 750 | 1000 | 1250 | 1500        |              |
| Night Club 1  | 0                           | 0   | 1   | 3    | 3    | 3           | 0.24%        |
| Night Club 2  | 0                           | 2   | 6   | 11   | 18   | 26          | 2.08%        |
| Night Club 3  | 0                           | 1   | 2   | 6    | 11   | 14          | 1.12%        |
| Night Club 4  | 4                           | 4   | 6   | 8    | 12   | 19          | 1.52%        |
| Night Club 5  | 1                           | 4   | 45  | 57   | 59   | 63          | 5.04%        |
| Night Club 6  | 0                           | 2   | 6   | 11   | 17   | 30          | 2.40%        |
| Night Club 7  | 7                           | 10  | 19  | 31   | 55   | 74          | 5.92%        |
| Night Club 8  | 1                           | 1   | 4   | 9    | 11   | 16          | 1.28%        |
| Night Club 9  | 2                           | 5   | 18  | 23   | 31   | 44          | 3.52%        |
| Night Club 10   | 2                           | 6   | 18  | 23   | 31   | 45          | 3.60%        |
| <b>Total DUI Incidents in Night Club Buffers from 2012-2014</b> |                             |     |     |      |      | <b>334</b>  | <b>2.67%</b> |
| <b>Total DUI Incidents in SF from 2012-2014</b>                 |                             |     |     |      |      | <b>1250</b> |              |
|   |                             |     |     |      |      |             |              |
|   |                             |     |     |      |      |             |              |
| Name of Strip Club  | DUI Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|   | 250                         | 500 | 750 | 1000 | 1250 | 1500        |              |
| Strip Club 1  | 2                           | 7   | 14  | 20   | 23   | 27          | 2.16%        |
| Strip Club 2  | 7                           | 9   | 14  | 19   | 21   | 24          | 1.92%        |
| Strip Club 3  | 6                           | 9   | 12  | 17   | 22   | 24          | 1.92%        |
| Strip Club 4  | 7                           | 9   | 14  | 19   | 21   | 24          | 1.92%        |
| Strip Club 5  | 1                           | 5   | 13  | 18   | 22   | 25          | 2.00%        |
| Strip Club 6  | 5                           | 9   | 13  | 17   | 21   | 26          | 2.08%        |
| Strip Club 7  | 6                           | 9   | 12  | 17   | 22   | 24          | 1.92%        |
| Strip Club 8  | 5                           | 9   | 12  | 17   | 22   | 26          | 2.08%        |
| Strip Club 9  | 1                           | 6   | 12  | 18   | 20   | 31          | 2.48%        |
| Strip Club 10   | 3                           | 5   | 10  | 21   | 38   | 47          | 3.76%        |
| <b>Total DUI Incidents in Strip Club Buffers from 2012-2014</b> |                             |     |     |      |      | <b>278</b>  | <b>2.22%</b> |
| <b>Total DUI Incidents in SF from 2012-2014</b>                 |                             |     |     |      |      | <b>1250</b> |              |

| Name of Night Club   | Gambling Crime Counts Per Buffer |     |     |      |      |           | % Value      |
|--|----------------------------------|-----|-----|------|------|-----------|--------------|
|  | 250                              | 500 | 750 | 1000 | 1250 | 1500      |              |
| Night Club 1   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 2   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 3   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 4   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 5   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 6   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 7   | 0                                | 0   | 0   | 3    | 4    | 4         | 8.33%        |
| Night Club 8   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 9   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Night Club 10  | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| <b>Total Gambling Incidents in Night Club Buffers from 2012-2014</b> |                                  |     |     |      |      | <b>4</b>  | <b>0.83%</b> |
| <b>Total Gambling Incidents in SF from 2012-2014</b>                 |                                  |     |     |      |      | <b>48</b> |              |
| Name of Strip Club   | Gambling Crime Counts Per Buffer |     |     |      |      |           | % Value      |
|  | 250                              | 500 | 750 | 1000 | 1250 | 1500      |              |
| Strip Club 1   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Strip Club 2   | 0                                | 0   | 0   | 1    | 1    | 1         | 2.08%        |
| Strip Club 3   | 0                                | 0   | 0   | 1    | 1    | 1         | 2.08%        |
| Strip Club 4   | 0                                | 0   | 0   | 1    | 1    | 1         | 2.08%        |
| Strip Club 5   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Strip Club 6   | 0                                | 0   | 0   | 0    | 1    | 1         | 2.08%        |
| Strip Club 7   | 0                                | 0   | 0   | 1    | 1    | 1         | 2.08%        |
| Strip Club 8   | 0                                | 0   | 0   | 0    | 1    | 1         | 2.08%        |
| Strip Club 9   | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| Strip Club 10  | 0                                | 0   | 0   | 0    | 0    | 0         | 0.00%        |
| <b>Total Gambling Incidents in Strip Club Buffers from 2012-2014</b> |                                  |     |     |      |      | <b>6</b>  | <b>1.25%</b> |
| <b>Total Gambling Incidents in SF from 2012-2014</b>                 |                                  |     |     |      |      | <b>48</b> |              |

| Name of Night Club   | Kidnapping Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|--|------------------------------------|-----|-----|------|------|-------------|--------------|
|  | 250                                | 500 | 750 | 1000 | 1250 | 1500        |              |
| Night Club 1   | 1                                  | 1   | 3   | 6    | 6    | 8           | 0.60%        |
| Night Club 2   | 0                                  | 0   | 3   | 3    | 6    | 10          | 0.75%        |
| Night Club 3   | 1                                  | 1   | 2   | 5    | 7    | 15          | 1.13%        |
| Night Club 4   | 2                                  | 2   | 2   | 4    | 4    | 8           | 0.60%        |
| Night Club 5   | 1                                  | 4   | 54  | 60   | 64   | 70          | 5.25%        |
| Night Club 6   | 0                                  | 0   | 0   | 1    | 4    | 11          | 0.83%        |
| Night Club 7   | 11                                 | 19  | 26  | 44   | 69   | 89          | 6.68%        |
| Night Club 8   | 1                                  | 1   | 2   | 4    | 8    | 10          | 0.75%        |
| Night Club 9   | 0                                  | 0   | 3   | 12   | 18   | 21          | 1.58%        |
| Night Club 10  | 0                                  | 1   | 4   | 13   | 18   | 21          | 1.58%        |
| <b>Total Kidnapping Incidents in Night Club Buffers from 2012-2014</b> |                                    |     |     |      |      | <b>263</b>  | <b>1.97%</b> |
| <b>Total Kidnapping Incidents in SF from 2012-2014</b>                 |                                    |     |     |      |      | <b>1333</b> |              |
|  |                                    |     |     |      |      |             |              |
|  |                                    |     |     |      |      |             |              |
| Name of Strip Club   | Kidnapping Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|  | 250                                | 500 | 750 | 1000 | 1250 | 1500        |              |
| Strip Club 1   | 2                                  | 3   | 7   | 12   | 16   | 19          | 1.43%        |
| Strip Club 2   | 6                                  | 8   | 10  | 16   | 25   | 30          | 2.25%        |
| Strip Club 3   | 7                                  | 8   | 11  | 14   | 22   | 30          | 2.25%        |
| Strip Club 4   | 6                                  | 8   | 10  | 16   | 25   | 30          | 2.25%        |
| Strip Club 5   | 1                                  | 2   | 3   | 10   | 17   | 19          | 1.43%        |
| Strip Club 6   | 5                                  | 7   | 12  | 14   | 24   | 29          | 2.18%        |
| Strip Club 7   | 7                                  | 8   | 11  | 14   | 22   | 30          | 2.25%        |
| Strip Club 8   | 2                                  | 7   | 12  | 14   | 24   | 29          | 2.18%        |
| Strip Club 9   | 1                                  | 1   | 3   | 8    | 11   | 17          | 1.28%        |
| Strip Club 10  | 5                                  | 23  | 33  | 48   | 81   | 108         | 8.10%        |
| <b>Total Kidnapping Incidents in Strip Club Buffers from 2012-2014</b> |                                    |     |     |      |      | <b>341</b>  | <b>2.56%</b> |
| <b>Total Kidnapping Incidents in SF from 2012-2014</b>                 |                                    |     |     |      |      | <b>1333</b> |              |

| Name of Night Club  | Larceny Crime Counts Per Buffer |     |      |      |      |               | % Value      |
|---|---------------------------------|-----|------|------|------|---------------|--------------|
|   | 250                             | 500 | 750  | 1000 | 1250 | 1500          |              |
| Night Club 1  | 64                              | 145 | 477  | 913  | 1465 | 1992          | 1.89%        |
| Night Club 2  | 65                              | 251 | 555  | 1041 | 1564 | 2728          | 2.59%        |
| Night Club 3  | 98                              | 317 | 498  | 1360 | 2230 | 2963          | 2.81%        |
| Night Club 4  | 36                              | 102 | 372  | 648  | 1261 | 2110          | 2.00%        |
| Night Club 5  | 127                             | 227 | 4390 | 4758 | 5246 | 5844          | 5.54%        |
| Night Club 6  | 70                              | 215 | 458  | 886  | 1413 | 2468          | 2.34%        |
| Night Club 7  | 295                             | 476 | 1084 | 2201 | 4670 | 5859          | 5.56%        |
| Night Club 8  | 83                              | 153 | 309  | 739  | 1283 | 1762          | 1.67%        |
| Night Club 9  | 212                             | 431 | 782  | 1404 | 2049 | 2775          | 2.63%        |
| Night Club 10   | 217                             | 498 | 773  | 1438 | 2066 | 2759          | 2.62%        |
| <b>Total Larceny Incidents in Night Club Buffers from 2012-2014</b> |                                 |     |      |      |      | <b>31260</b>  | <b>2.97%</b> |
| <b>Total Larceny Incidents in SF from 2012-2014</b>                 |                                 |     |      |      |      | <b>105397</b> |              |
|   |                                 |     |      |      |      |               |              |
| Name of Strip Club  | Larceny Crime Counts Per Buffer |     |      |      |      |               | % Value      |
|   | 250                             | 500 | 750  | 1000 | 1250 | 1500          |              |
| Strip Club 1  | 87                              | 222 | 543  | 944  | 1267 | 1892          | 1.80%        |
| Strip Club 2  | 125                             | 411 | 826  | 1198 | 1487 | 1868          | 1.77%        |
| Strip Club 3  | 127                             | 405 | 752  | 1157 | 1504 | 1807          | 1.71%        |
| Strip Club 4  | 125                             | 411 | 826  | 1198 | 1487 | 1868          | 1.77%        |
| Strip Club 5  | 70                              | 219 | 547  | 876  | 1292 | 1977          | 1.88%        |
| Strip Club 6  | 128                             | 382 | 689  | 1125 | 1551 | 1858          | 1.76%        |
| Strip Club 7  | 127                             | 405 | 752  | 1157 | 1504 | 1807          | 1.71%        |
| Strip Club 8  | 171                             | 385 | 703  | 1143 | 1605 | 1941          | 1.84%        |
| Strip Club 9  | 87                              | 596 | 995  | 2141 | 2772 | 4102          | 3.89%        |
| Strip Club 10   | 187                             | 561 | 1046 | 1905 | 3241 | 4781          | 4.54%        |
| <b>Total Larceny Incidents in Strip Club Buffers from 2012-2014</b> |                                 |     |      |      |      | <b>23901</b>  | <b>2.27%</b> |
| <b>Total Larceny Incidents in SF from 2012-2014</b>                 |                                 |     |      |      |      | <b>105397</b> |              |

| Name of Night Club   | Liquor Crime Counts Per Buffer |     |     |      |      |            | % Value      |
|--|--------------------------------|-----|-----|------|------|------------|--------------|
|  | 250                            | 500 | 750 | 1000 | 1250 | 1500       |              |
| Night Club 1   | 1                              | 1   | 1   | 1    | 2    | 2          | 0.32%        |
| Night Club 2   | 0                              | 1   | 1   | 1    | 2    | 3          | 0.47%        |
| Night Club 3   | 1                              | 2   | 2   | 5    | 6    | 8          | 1.26%        |
| Night Club 4   | 0                              | 0   | 0   | 0    | 2    | 3          | 0.47%        |
| Night Club 5   | 1                              | 1   | 22  | 24   | 29   | 38         | 6.00%        |
| Night Club 6   | 0                              | 0   | 1   | 1    | 2    | 2          | 0.32%        |
| Night Club 7   | 11                             | 19  | 41  | 71   | 106  | 121        | 19.12%       |
| Night Club 8   | 0                              | 0   | 0   | 1    | 1    | 1          | 0.16%        |
| Night Club 9   | 1                              | 1   | 1   | 1    | 8    | 11         | 1.74%        |
| Night Club 10  | 1                              | 1   | 1   | 4    | 8    | 12         | 1.90%        |
| <b>Total Liquor Incidents in Night Club Buffers from 2012-2014</b> |                                |     |     |      |      | <b>201</b> | <b>3.18%</b> |
| <b>Total Liquor Incidents in SF from 2012-2014</b>                 |                                |     |     |      |      | <b>633</b> |              |
|  |                                |     |     |      |      |            |              |
| Name of Strip Club   | Liquor Crime Counts Per Buffer |     |     |      |      |            | % Value      |
|  | 250                            | 500 | 750 | 1000 | 1250 | 1500       |              |
| Strip Club 1   | 2                              | 7   | 9   | 12   | 13   | 16         | 2.53%        |
| Strip Club 2   | 6                              | 11  | 14  | 14   | 15   | 16         | 2.53%        |
| Strip Club 3   | 7                              | 11  | 11  | 14   | 15   | 16         | 2.53%        |
| Strip Club 4   | 6                              | 11  | 14  | 14   | 15   | 16         | 2.53%        |
| Strip Club 5   | 0                              | 2   | 7   | 10   | 13   | 14         | 2.21%        |
| Strip Club 6   | 6                              | 10  | 11  | 13   | 16   | 16         | 2.53%        |
| Strip Club 7   | 7                              | 11  | 11  | 14   | 15   | 16         | 2.53%        |
| Strip Club 8   | 8                              | 9   | 11  | 11   | 16   | 16         | 2.53%        |
| Strip Club 9   | 0                              | 0   | 2   | 3    | 4    | 5          | 0.79%        |
| Strip Club 10  | 1                              | 2   | 10  | 18   | 26   | 35         | 5.53%        |
| <b>Total Liquor Incidents in Strip Club Buffers from 2012-2014</b> |                                |     |     |      |      | <b>166</b> | <b>2.62%</b> |
| <b>Total Liquor Incidents in SF from 2012-2014</b>                 |                                |     |     |      |      | <b>633</b> |              |

| Name of Night Club  | Pornography Crime Counts Per Buffer |     |     |      |      |          | % Value      |
|---|-------------------------------------|-----|-----|------|------|----------|--------------|
|   | 250                                 | 500 | 750 | 1000 | 1250 | 1500     |              |
| Night Club 1  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Night Club 2  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Night Club 3  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Night Club 4  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Night Club 5  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Night Club 6  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Night Club 7  | 0                                   | 0   | 0   | 0    | 1    | 1        | 11.11%       |
| Night Club 8  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Night Club 9  | 0                                   | 0   | 0   | 0    | 0    | 1        | 11.11%       |
| Night Club 10   | 0                                   | 0   | 0   | 0    | 0    | 1        | 11.11%       |
| <b>Total Pornography Incidents in Night Club Buffers from 2012-2014</b> |                                     |     |     |      |      | <b>3</b> | <b>3.33%</b> |
| <b>Total Pornography Incidents in SF from 2012-2014</b>                 |                                     |     |     |      |      | <b>9</b> |              |
|   |                                     |     |     |      |      |          |              |
| Name of Strip Club  | Pornography Crime Counts Per Buffer |     |     |      |      |          | % Value      |
|   | 250                                 | 500 | 750 | 1000 | 1250 | 1500     |              |
| Strip Club 1  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 2  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 3  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 4  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 5  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 6  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 7  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 8  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 9  | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| Strip Club 10   | 0                                   | 0   | 0   | 0    | 0    | 0        | 0.00%        |
| <b>Total Pornography Incidents in Strip Club Buffers from 2012-2014</b> |                                     |     |     |      |      | <b>0</b> | <b>0.00%</b> |
| <b>Total Pornography Incidents in SF from 2012-2014</b>                 |                                     |     |     |      |      | <b>9</b> |              |

| Name of Night Club   | Prostitution Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|--|--------------------------------------|-----|-----|------|------|-------------|--------------|
|  | 250                                  | 500 | 750 | 1000 | 1250 | 1500        |              |
| Night Club 1   | 0                                    | 0   | 0   | 0    | 0    | 0           | 0.00%        |
| Night Club 2   | 0                                    | 0   | 2   | 2    | 3    | 24          | 1.31%        |
| Night Club 3   | 0                                    | 0   | 0   | 0    | 0    | 0           | 0.00%        |
| Night Club 4   | 1                                    | 1   | 1   | 1    | 3    | 4           | 0.22%        |
| Night Club 5   | 0                                    | 0   | 27  | 28   | 28   | 31          | 1.69%        |
| Night Club 6   | 0                                    | 0   | 0   | 0    | 2    | 26          | 1.42%        |
| Night Club 7   | 1                                    | 2   | 6   | 9    | 15   | 20          | 1.09%        |
| Night Club 8   | 0                                    | 0   | 3   | 3    | 6    | 12          | 0.66%        |
| Night Club 9   | 0                                    | 0   | 0   | 1    | 4    | 4           | 0.22%        |
| Night Club 10  | 0                                    | 0   | 0   | 1    | 4    | 4           | 0.22%        |
| <b>Total Prostitution Incidents in Night Club Buffers from 2012-2014</b> |                                      |     |     |      |      | <b>125</b>  | <b>0.68%</b> |
| <b>Total Prostitution Incidents in SF from 2012-2014</b>                 |                                      |     |     |      |      | <b>1831</b> |              |
|  |                                      |     |     |      |      |             |              |
|  |                                      |     |     |      |      |             |              |
| Name of Strip Club   | Prostitution Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|  | 250                                  | 500 | 750 | 1000 | 1250 | 1500        |              |
| Strip Club 1   | 0                                    | 1   | 2   | 2    | 2    | 5           | 0.27%        |
| Strip Club 2   | 1                                    | 1   | 2   | 2    | 5    | 8           | 0.44%        |
| Strip Club 3   | 1                                    | 1   | 2   | 2    | 5    | 8           | 0.44%        |
| Strip Club 4   | 1                                    | 1   | 2   | 2    | 5    | 8           | 0.44%        |
| Strip Club 5   | 0                                    | 0   | 2   | 2    | 4    | 5           | 0.27%        |
| Strip Club 6   | 1                                    | 2   | 2   | 2    | 7    | 10          | 0.55%        |
| Strip Club 7   | 1                                    | 1   | 2   | 2    | 5    | 8           | 0.44%        |
| Strip Club 8   | 1                                    | 2   | 2   | 2    | 7    | 10          | 0.55%        |
| Strip Club 9   | 0                                    | 21  | 21  | 21   | 21   | 23          | 1.26%        |
| Strip Club 10  | 11                                   | 142 | 169 | 469  | 481  | 495         | 27.03%       |
| <b>Total Prostitution Incidents in Strip Club Buffers from 2012-2014</b> |                                      |     |     |      |      | <b>580</b>  | <b>3.17%</b> |
| <b>Total Prostitution Incidents in SF from 2012-2014</b>                 |                                      |     |     |      |      | <b>1831</b> |              |

| Name of Night Club  | Robbery Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|---|---------------------------------|-----|-----|------|------|--------------|--------------|
|   | 250                             | 500 | 750 | 1000 | 1250 | 1500         |              |
| Night Club 1  | 3                               | 6   | 30  | 48   | 84   | 109          | 0.94%        |
| Night Club 2  | 0                               | 6   | 36  | 82   | 129  | 242          | 2.09%        |
| Night Club 3  | 5                               | 12  | 19  | 46   | 73   | 110          | 0.95%        |
| Night Club 4  | 0                               | 2   | 9   | 22   | 39   | 65           | 0.56%        |
| Night Club 5  | 11                              | 19  | 288 | 318  | 342  | 385          | 3.33%        |
| Night Club 6  | 1                               | 4   | 19  | 41   | 100  | 178          | 1.54%        |
| Night Club 7  | 73                              | 128 | 279 | 531  | 1000 | 1169         | 10.10%       |
| Night Club 8  | 1                               | 2   | 17  | 42   | 60   | 71           | 0.61%        |
| Night Club 9  | 4                               | 15  | 35  | 89   | 159  | 238          | 2.06%        |
| Night Club 10   | 4                               | 19  | 38  | 89   | 162  | 241          | 2.08%        |
| <b>Total Robbery Incidents in Night Club Buffers from 2012-2014</b> |                                 |     |     |      |      | <b>2808</b>  | <b>2.43%</b> |
| <b>Total Robbery Incidents in SF from 2012-2014</b>                 |                                 |     |     |      |      | <b>11577</b> |              |
|   |                                 |     |     |      |      |              |              |
| Name of Strip Club  | Robbery Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|   | 250                             | 500 | 750 | 1000 | 1250 | 1500         |              |
| Strip Club 1  | 7                               | 20  | 55  | 83   | 125  | 198          | 1.71%        |
| Strip Club 2  | 25                              | 65  | 111 | 152  | 189  | 228          | 1.97%        |
| Strip Club 3  | 25                              | 56  | 109 | 150  | 185  | 221          | 1.91%        |
| Strip Club 4  | 25                              | 65  | 111 | 152  | 189  | 228          | 1.97%        |
| Strip Club 5  | 4                               | 14  | 42  | 69   | 107  | 187          | 1.62%        |
| Strip Club 6  | 21                              | 48  | 87  | 144  | 189  | 222          | 1.92%        |
| Strip Club 7  | 25                              | 56  | 109 | 150  | 185  | 221          | 1.91%        |
| Strip Club 8  | 21                              | 49  | 89  | 148  | 195  | 230          | 1.99%        |
| Strip Club 9  | 6                               | 19  | 54  | 90   | 159  | 251          | 2.17%        |
| Strip Club 10   | 82                              | 159 | 307 | 525  | 736  | 998          | 8.62%        |
| <b>Total Robbery Incidents in Strip Club Buffers from 2012-2014</b> |                                 |     |     |      |      | <b>2984</b>  | <b>2.58%</b> |
| <b>Total Robbery Incidents in SF from 2012-2014</b>                 |                                 |     |     |      |      | <b>11577</b> |              |

| Name of Night Club   | Sex Crimes Crime Counts Per Buffer |     |     |      |      |             | % Value      |
|--|------------------------------------|-----|-----|------|------|-------------|--------------|
|  | 250                                | 500 | 750 | 1000 | 1250 | 1500        |              |
| Night Club 1   | 3                                  | 5   | 6   | 10   | 13   | 18          | 0.75%        |
| Night Club 2   | 0                                  | 4   | 7   | 11   | 17   | 34          | 1.42%        |
| Night Club 3   | 4                                  | 6   | 8   | 21   | 27   | 36          | 1.50%        |
| Night Club 4   | 1                                  | 4   | 7   | 9    | 15   | 20          | 0.83%        |
| Night Club 5   | 2                                  | 3   | 131 | 140  | 143  | 152         | 6.34%        |
| Night Club 6   | 1                                  | 2   | 5   | 11   | 16   | 29          | 1.21%        |
| Night Club 7   | 11                                 | 22  | 34  | 62   | 99   | 120         | 5.01%        |
| Night Club 8   | 0                                  | 0   | 1   | 3    | 7    | 9           | 0.38%        |
| Night Club 9   | 3                                  | 4   | 8   | 22   | 32   | 43          | 1.79%        |
| Night Club 10  | 3                                  | 6   | 12  | 20   | 33   | 44          | 1.84%        |
| <b>Total Sex Crimes Incidents in Night Club Buffers from 2012-2014</b> |                                    |     |     |      |      | <b>505</b>  | <b>2.11%</b> |
| <b>Total Sex Crimes Incidents in SF from 2012-2014</b>                 |                                    |     |     |      |      | <b>2397</b> |              |
| Name of Strip Club   | Sex Crime Counts Per Buffer        |     |     |      |      |             | % Value      |
|  | 250                                | 500 | 750 | 1000 | 1250 | 1500        |              |
| Strip Club 1   | 3                                  | 9   | 16  | 18   | 25   | 36          | 1.50%        |
| Strip Club 2   | 4                                  | 13  | 18  | 25   | 29   | 41          | 1.71%        |
| Strip Club 3   | 5                                  | 13  | 18  | 24   | 30   | 41          | 1.71%        |
| Strip Club 4   | 4                                  | 13  | 18  | 25   | 29   | 41          | 1.71%        |
| Strip Club 5   | 2                                  | 7   | 14  | 18   | 28   | 37          | 1.54%        |
| Strip Club 6   | 8                                  | 11  | 21  | 24   | 34   | 47          | 1.96%        |
| Strip Club 7   | 5                                  | 13  | 18  | 24   | 30   | 41          | 1.71%        |
| Strip Club 8   | 8                                  | 12  | 21  | 25   | 36   | 49          | 2.04%        |
| Strip Club 9   | 0                                  | 2   | 7   | 15   | 18   | 32          | 1.34%        |
| Strip Club 10  | 12                                 | 34  | 68  | 107  | 141  | 198         | 8.26%        |
| <b>Total Sex Crime Incidents in Strip Club Buffers from 2012-2014</b>  |                                    |     |     |      |      | <b>563</b>  | <b>2.35%</b> |
| <b>Total Sex Crime Incidents in SF from 2012-2014</b>                  |                                    |     |     |      |      | <b>2397</b> |              |

| Name of Night Club  | Vandalism Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|---|-----------------------------------|-----|-----|------|------|--------------|--------------|
|   | 250                               | 500 | 750 | 1000 | 1250 | 1500         |              |
| Night Club 1  | 16                                | 53  | 93  | 148  | 205  | 295          | 1.35%        |
| Night Club 2  | 1                                 | 29  | 91  | 160  | 236  | 374          | 1.71%        |
| Night Club 3  | 9                                 | 37  | 69  | 182  | 322  | 448          | 2.05%        |
| Night Club 4  | 4                                 | 23  | 67  | 118  | 185  | 270          | 1.23%        |
| Night Club 5  | 20                                | 50  | 634 | 731  | 847  | 962          | 4.39%        |
| Night Club 6  | 6                                 | 24  | 73  | 147  | 215  | 353          | 1.61%        |
| Night Club 7  | 65                                | 144 | 260 | 500  | 737  | 950          | 4.34%        |
| Night Club 8  | 18                                | 34  | 62  | 121  | 194  | 259          | 1.18%        |
| Night Club 9  | 32                                | 80  | 150 | 276  | 438  | 562          | 2.57%        |
| Night Club 10   | 32                                | 94  | 149 | 299  | 436  | 564          | 2.58%        |
| <b>Total Vandalism Incidents in Night Club Buffers from 2012-2014</b> |                                   |     |     |      |      | <b>5037</b>  | <b>2.30%</b> |
| <b>Total Vandalism Incidents in SF from 2012-2014</b>                 |                                   |     |     |      |      | <b>21896</b> |              |
| Name of Strip Club  | Vandalism Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|   | 250                               | 500 | 750 | 1000 | 1250 | 1500         |              |
| Strip Club 1  | 17                                | 53  | 127 | 221  | 321  | 442          | 2.02%        |
| Strip Club 2  | 36                                | 97  | 203 | 299  | 402  | 541          | 2.47%        |
| Strip Club 3  | 33                                | 86  | 191 | 269  | 396  | 516          | 2.36%        |
| Strip Club 4  | 36                                | 97  | 203 | 299  | 402  | 541          | 2.47%        |
| Strip Club 5  | 14                                | 47  | 124 | 205  | 301  | 428          | 1.95%        |
| Strip Club 6  | 35                                | 91  | 162 | 264  | 394  | 533          | 2.43%        |
| Strip Club 7  | 33                                | 86  | 191 | 269  | 396  | 516          | 2.36%        |
| Strip Club 8  | 40                                | 101 | 163 | 278  | 414  | 552          | 2.52%        |
| Strip Club 9  | 20                                | 70  | 138 | 217  | 278  | 451          | 2.06%        |
| Strip Club 10   | 39                                | 146 | 273 | 469  | 735  | 1011         | 4.62%        |
| <b>Total Vandalism Incidents in Strip Club Buffers from 2012-2014</b> |                                   |     |     |      |      | <b>5531</b>  | <b>2.53%</b> |
| <b>Total Vandalism Incidents in SF from 2012-2014</b>                 |                                   |     |     |      |      | <b>21896</b> |              |

| Name of Night Club  | Vehicle Theft Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|---|---------------------------------------|-----|-----|------|------|--------------|--------------|
|   | 250                                   | 500 | 750 | 1000 | 1250 | 1500         |              |
| Night Club 1  | 14                                    | 39  | 77  | 107  | 149  | 194          | 0.99%        |
| Night Club 2  | 2                                     | 13  | 38  | 58   | 94   | 132          | 0.68%        |
| Night Club 3  | 12                                    | 23  | 43  | 90   | 164  | 215          | 1.10%        |
| Night Club 4  | 2                                     | 14  | 41  | 72   | 124  | 180          | 0.92%        |
| Night Club 5  | 18                                    | 31  | 90  | 124  | 177  | 235          | 1.20%        |
| Night Club 6  | 3                                     | 12  | 35  | 64   | 89   | 138          | 0.71%        |
| Night Club 7  | 33                                    | 54  | 111 | 183  | 266  | 345          | 1.77%        |
| Night Club 8  | 19                                    | 30  | 68  | 111  | 172  | 231          | 1.18%        |
| Night Club 9  | 13                                    | 32  | 76  | 135  | 234  | 304          | 1.56%        |
| Night Club 10   | 15                                    | 48  | 79  | 145  | 232  | 304          | 1.56%        |
| <b>Total Vehicle Theft Incidents in Night Club Buffers from 2012-2014</b> |                                       |     |     |      |      | <b>2278</b>  | <b>1.17%</b> |
| <b>Total Vehicle Theft Incidents in SF from 2012-2014</b>                 |                                       |     |     |      |      | <b>19540</b> |              |
|   |                                       |     |     |      |      |              |              |
| Name of Strip Club  | Vehicle Theft Crime Counts Per Buffer |     |     |      |      |              | % Value      |
|   | 250                                   | 500 | 750 | 1000 | 1250 | 1500         |              |
| Strip Club 1  | 20                                    | 38  | 90  | 133  | 169  | 227          | 1.16%        |
| Strip Club 2  | 23                                    | 50  | 88  | 138  | 173  | 229          | 1.17%        |
| Strip Club 3  | 20                                    | 53  | 90  | 127  | 174  | 222          | 1.14%        |
| Strip Club 4  | 23                                    | 50  | 88  | 138  | 173  | 229          | 1.17%        |
| Strip Club 5  | 19                                    | 33  | 78  | 126  | 178  | 221          | 1.13%        |
| Strip Club 6  | 17                                    | 48  | 88  | 122  | 176  | 223          | 1.14%        |
| Strip Club 7  | 20                                    | 53  | 90  | 127  | 174  | 222          | 1.14%        |
| Strip Club 8  | 25                                    | 51  | 87  | 125  | 184  | 231          | 1.18%        |
| Strip Club 9  | 2                                     | 24  | 44  | 92   | 105  | 196          | 1.00%        |
| Strip Club 10   | 20                                    | 60  | 119 | 228  | 322  | 467          | 2.39%        |
| <b>Total Vehicle Theft Incidents in Strip Club Buffers from 2012-2014</b> |                                       |     |     |      |      | <b>2467</b>  | <b>1.26%</b> |
| <b>Total Vehicle Theft Incidents in SF from 2012-2014</b>                 |                                       |     |     |      |      | <b>19540</b> |              |

**Census Tracts and Demographics for Study Area**

| CT  | Pop  | FHH | Year_1824 | Divor | Income | Food_S | Poverty |
|-----|------|-----|-----------|-------|--------|--------|---------|
| 101 | 3827 | 5   | 13        | 29    | 75725  | 1      | 15      |
| 102 | 4220 | 0   | 3         | 25    | 108976 | 2      | 5       |
| 103 | 4346 | 0   | 13        | 14    | 89646  | 0      | 11      |
| 104 | 5265 | 3   | 5         | 35    | 101463 | 1      | 7       |
| 105 | 2606 | 12  | 7         | 22    | 111531 | 3      | 9       |
| 106 | 3664 | 56  | 6         | 23    | 28750  | 1      | 28      |
| 107 | 5311 | 37  | 8         | 10    | 23235  | 2      | 29      |
| 108 | 4779 | 33  | 5         | 29    | 81513  | 1      | 19      |
| 109 | 4740 | 34  | 6         | 30    | 109662 | 1      | 13      |
| 110 | 5303 | 36  | 6         | 28    | 93932  | 0      | 10      |
| 111 | 5078 | 17  | 7         | 42    | 63346  | 0      | 15      |
| 112 | 3078 | 9   | 8         | 39    | 71172  | 1      | 15      |
| 113 | 3058 | 4   | 11        | 9     | 25904  | 2      | 24      |
| 117 | 1547 | 40  | 12        | 33    | 37455  | 4      | 28      |
| 118 | 1740 | 32  | 15        | 16    | 20547  | 2      | 39      |
| 119 | 2543 | 0   | 15        | 49    | 58641  | 0      | 12      |
| 119 | 2625 | 61  | 10        | 32    | 58657  | 0      | 18      |
| 120 | 3563 | 96  | 17        | 29    | 36134  | 0      | 18      |
| 121 | 3876 | 61  | 23        | 58    | 47367  | 0      | 14      |
| 122 | 4576 | 18  | 7         | 22    | 38045  | 3      | 29      |
| 122 | 3079 | 0   | 13        | 80    | 29226  | 2      | 27      |
| 123 | 1790 | 67  | 10        | 42    | 12371  | 7      | 49      |
| 123 | 2518 | 0   | 13        | 44    | 29362  | 1      | 41      |
| 124 | 4613 | 49  | 13        | 39    | 20152  | 1      | 34      |
| 124 | 3393 | 13  | 14        | 33    | 32794  | 1      | 29      |
| 125 | 3547 | 13  | 4         | 72    | 13164  | 2      | 47      |
| 125 | 4120 | 0   | 7         | 57    | 12267  | 1      | 53      |
| 126 | 2499 | 0   | 2         | 16    | 166538 | 0      | 2       |
| 126 | 3101 | 29  | 3         | 13    | 131302 | 1      | 6       |
| 127 | 3758 | 6   | 3         | 13    | 121354 | 0      | 8       |
| 128 | 4908 | 3   | 3         | 25    | 125750 | 0      | 5       |

|     |      |    |     |    |        |   |    |
|-----|------|----|-----|----|--------|---|----|
| 129 | 3444 | 72 | 7   | 18 | 108201 | 1 | 6  |
| 130 | 4548 | 0  | 4   | 23 | 133537 | 1 | 9  |
| 131 | 3791 | 7  | 7   | 30 | 123671 | 2 | 2  |
| 131 | 2692 | 14 | 4   | 18 | 99722  | 1 | 8  |
| 132 | 4695 | 10 | 2   | 12 | 168750 | 1 | 2  |
| 133 | 4482 | 14 | 5   | 19 | 135900 | 1 | 9  |
| 134 | 3968 | 0  | 5   | 16 | 119815 | 3 | 5  |
| 135 | 2592 | 32 | 4   | 52 | 103618 | 1 | 9  |
| 151 | 2106 | 0  | 6   | 37 | 81902  | 1 | 8  |
| 152 | 3865 | 11 | 5   | 36 | 67036  | 2 | 13 |
| 153 | 2066 | 17 | 6   | 48 | 88462  | 0 | 5  |
| 154 | 5927 | 8  | 10  | 14 | 109449 | 1 | 7  |
| 155 | 3918 | 6  | 3   | 25 | 51870  | 1 | 23 |
| 156 | 3015 | 2  | 15  | 16 | 79815  | 0 | 16 |
| 157 | 8373 | 24 | 31  | 39 | 83793  | 1 | 11 |
| 158 | 3738 | 48 | 242 | 21 | 72568  | 0 | 13 |
| 158 | 2837 | 7  | 4   | 40 | 86176  | 1 | 14 |
| 159 | 4081 | 41 | 15  | 40 | 38231  | 2 | 26 |
| 160 | 2552 | 9  | 10  | 40 | 59107  | 0 | 10 |
| 161 | 5085 | 53 | 10  | 71 | 19571  | 0 | 36 |
| 162 | 2604 | 34 | 4   | 23 | 59659  | 0 | 14 |
| 163 | 4748 | 54 | 10  | 47 | 82019  | 1 | 21 |
| 164 | 4135 | 3  | 7   | 43 | 84353  | 2 | 13 |
| 165 | 5787 | 43 | 9   | 30 | 84500  | 2 | 14 |
| 166 | 5537 | 2  | 11  | 51 | 94722  | 1 | 12 |
| 167 | 4960 | 21 | 8   | 38 | 120741 | 4 | 6  |
| 168 | 3329 | 0  | 6   | 27 | 80179  | 0 | 9  |
| 168 | 2957 | 53 | 6   | 33 | 75333  | 1 | 17 |
| 169 | 3021 | 6  | 2   | 27 | 99760  | 1 | 5  |
| 170 | 3857 | 24 | 2   | 33 | 125188 | 0 | 6  |

|      |       |    |    |    |        |   |    |
|------|-------|----|----|----|--------|---|----|
| 171  | 3557  | 2  | 3  | 22 | 123565 | 1 | 3  |
| 171  | 3862  | 20 | 10 | 17 | 113672 | 1 | 8  |
| 176  | 7220  | 40 | 7  | 32 | 22279  | 1 | 33 |
| 177  | 1654  | 34 | 6  | 37 | 79358  | 0 | 12 |
| 178  | 3066  | 3  | 0  | 25 | 16677  | 3 | 44 |
| 178  | 4307  | 15 | 8  | 26 | 66475  | 0 | 21 |
| 179  | 3083  | 76 | 30 | 44 | 38077  | 8 | 32 |
| 180  | 3232  | 0  | 11 | 38 | 125156 | 1 | 5  |
| 201  | 5257  | 24 | 8  | 41 | 38977  | 4 | 27 |
| 202  | 5962  | 39 | 6  | 35 | 65326  | 2 | 15 |
| 203  | 3042  | 41 | 6  | 45 | 102500 | 1 | 12 |
| 204  | 3090  | 0  | 2  | 44 | 138021 | 1 | 1  |
| 204  | 4128  | 10 | 2  | 67 | 90262  | 2 | 3  |
| 205  | 2646  | 17 | 6  | 33 | 108086 | 1 | 8  |
| 206  | 4607  | 0  | 4  | 20 | 134596 | 1 | 11 |
| 207  | 5427  | 41 | 7  | 41 | 118798 | 1 | 8  |
| 208  | 6182  | 15 | 13 | 16 | 62692  | 2 | 17 |
| 209  | 4723  | 27 | 8  | 38 | 50588  | 1 | 19 |
| 210  | 4556  | 21 | 3  | 35 | 100988 | 3 | 3  |
| 211  | 3993  | 32 | 3  | 32 | 117232 | 1 | 4  |
| 212  | 2842  | 9  | 3  | 29 | 129063 | 2 | 8  |
| 226  | 1866  | 8  | 0  | 23 | 175313 | 1 | 3  |
| 227  | 2297  | 4  | 3  | 14 | 156719 | 0 | 4  |
| 227  | 3314  | 14 | 4  | 18 | 139926 | 0 | 4  |
| 228  | 4988  | 20 | 6  | 21 | 90227  | 1 | 11 |
| 228  | 2220  | 45 | 9  | 48 | 58550  | 2 | 10 |
| 228  | 4930  | 24 | 9  | 24 | 84769  | 1 | 14 |
| 229  | 5024  | 26 | 10 | 25 | 61264  | 3 | 16 |
| 229  | 2460  | 21 | 11 | 17 | 93750  | 1 | 14 |
| 229  | 3097  | 40 | 7  | 37 | 72778  | 2 | 18 |
| 301  | 4728  | 17 | 9  | 25 | 73389  | 1 | 15 |
| 301  | 5229  | 11 | 12 | 17 | 115507 | 1 | 9  |
| 302  | 4184  | 0  | 2  | 15 | 92305  | 1 | 11 |
| 303  | 5648  | 14 | 4  | 15 | 101417 | 1 | 7  |
| 303  | 3936  | 11 | 9  | 6  | 125347 | 0 | 11 |
| 304  | 5411  | 10 | 10 | 12 | 147976 | 1 | 8  |
| 305  | 2825  | 2  | 2  | 16 | 110714 | 1 | 9  |
| 401  | 4346  | 3  | 9  | 13 | 71172  | 0 | 14 |
| 402  | 5045  | 2  | 9  | 15 | 80408  | 1 | 12 |
| 451  | 5053  | 12 | 12 | 21 | 75216  | 1 | 20 |
| 452  | 6896  | 0  | 4  | 12 | 71053  | 1 | 14 |
| 601  | 3451  | 4  | 4  | 28 | 146000 | 0 | 4  |
| 607  | 9804  | 29 | 6  | 8  | 116920 | 1 | 11 |
| 611  | 4488  | 24 | 10 | 5  | 15546  | 3 | 46 |
| 614  | 4023  | 24 | 2  | 23 | 137610 | 0 | 7  |
| 615  | 12391 | 39 | 7  | 22 | 126887 | 2 | 8  |
| 9803 | 45    | 0  | 0  | 0  | 104583 | 0 | 0  |

# OLS Results

| Arson                     |             |           | Assault                  |             |           | Burglary                 |             |           |
|---------------------------|-------------|-----------|--------------------------|-------------|-----------|--------------------------|-------------|-----------|
| Variable                  | Coefficient | Robust    | Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    |
| Night Club Distance       | -0.000014   | 0.133675  | Night Club Distance      | -0.001013   | 0.015144* | Night Club Distance      | 0.000011    | 0.915221  |
| Strip Club Distance       | -0.000005   | 0.595887  | Strip Club Distance      | 0.000045    | 0.920879  | Strip Club Distance      | -0.000788   | 0.000000* |
| Age 18-24                 | -0.022173   | 0.000062* | Age 18-24                | -1.502975   | 0.000000* | Age 18-24                | -0.443073   | 0.000001* |
| Divorce                   | 0.010351    | 0.000002* | Divorce                  | 0.596248    | 0.000000* | Divorce                  | 0.139619    | 0.000004* |
| Female Headed Households  | -0.002001   | 0.272476  | Female Headed Households | -0.277565   | 0.003889* | Female Headed Households | -0.026625   | 0.302077  |
| Food Stamps               | -0.042689   | 0.011487* | Food Stamps              | -5.073426   | 0.000000* | Food Stamps              | -1.130921   | 0.000011* |
| Income                    | -0.000002   | 0.009977* | Income                   | -0.000088   | 0.126216  | Income                   | -0.000077   | 0.000000* |
| Population                | 0.000013    | 0.159689  | Population               | 0.000025    | 0.423077  | Population               | -0.000022   | 0.886554  |
| Poverty                   | 0.020286    | 0.000778* | Poverty                  | 2.161242    | 0.000000* | Poverty                  | 0.199482    | 0.042180* |
| Joint F Statistic         | 30.523391   | 0.000000* | Joint F Statistic        | 96.785231   | 0.000000* | Joint F Statistic        | 60.994707   | 0.000000* |
| Joint Wald Statistic      | 111.084109  | 0.000000* | Joint Wald Statistic     | 267.389976  | 0.000000* | Joint Wald Statistic     | 401.298592  | 0.000000* |
| <b>Disorderly Conduct</b> |             |           | <b>Domestic Violence</b> |             |           | <b>Drugs</b>             |             |           |
| Variable                  | Coefficient | Robust    | Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    |
| Night Club Distance       | -0.000151   | 0.000280* | Night Club Distance      | -0.00017    | 0.033551* | Night Club Distance      | -0.001127   | 0.011547* |
| Strip Club Distance       | 0.000107    | 0.019104* | Strip Club Distance      | 0.000052    | 0.452608  | Strip Club Distance      | 0.000843    | 0.121562  |
| Age 18-24                 | -0.052658   | 0.007050* | Age 18-24                | -0.153654   | 0.001456* | Age 18-24                | -1.22286    | 0.000161* |
| Divorce                   | 0.023136    | 0.000510* | Divorce                  | 0.093862    | 0.000000* | Divorce                  | 0.683363    | 0.000002* |
| Female Headed Households  | -0.022826   | 0.000143* | Female Headed Households | -0.023404   | 0.131751  | Female Headed Households | -0.365303   | 0.000340* |
| Food Stamps               | -0.10135    | 0.051207  | Food Stamps              | -0.571438   | 0.000006* | Food Stamps              | -1.787723   | 0.107029  |
| Income                    | -0.000006   | 0.284171  | Income                   | -0.000014   | 0.045091* | Income                   | 0.000016    | 0.795975  |
| Population                | 0.000007    | 0.748107  | Population               | 0.000007    | 0.208425  | Population               | 0.000933    | 0.017780* |
| Poverty                   | 0.110575    | 0.000470* | Poverty                  | 0.247107    | 0.000000* | Poverty                  | 2.261687    | 0.000002* |
| Joint F Statistic         | 36.882641   | 0.000000* | Joint F Statistic        | 41.700774   | 0.000000* | Joint F Statistic        | 59.496899   | 0.000000* |
| Joint Wald Statistic      | 115.141088  | 0.000000* | Joint Wald Statistic     | 171.319161  | 0.000000* | Joint Wald Statistic     | 85.132019   | 0.000000* |
| <b>Drunkenness</b>        |             |           | <b>DUI</b>               |             |           | <b>Gambling</b>          |             |           |
| Variable                  | Coefficient | Robust    | Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    |
| Night Club Distance       | -0.000142   | 0.003276* | Night Club Distance      | -0.000056   | 0.001158* | Night Club Distance      | -0.000007   | 0.005681* |
| Strip Club Distance       | 0.000094    | 0.078912  | Strip Club Distance      | 0.000019    | 0.195412  | Strip Club Distance      | 0.000007    | 0.016127* |
| Age 18-24                 | -0.124296   | 0.000064* | Age 18-24                | -0.020774   | 0.017583* | Age 18-24                | -0.001044   | 0.305399  |
| Divorce                   | 0.051188    | 0.000523* | Divorce                  | 0.010866    | 0.000255* | Divorce                  | 0.000361    | 0.768141  |
| Female Headed Households  | -0.026002   | 0.008528* | Female Headed Households | -0.007854   | 0.013623* | Female Headed Households | -0.001114   | 0.001181* |
| Food Stamps               | -0.275218   | 0.001122* | Food Stamps              | -0.008441   | 0.004050* | Food Stamps              | 0.005003    | 0.129127  |
| Income                    | -0.000005   | 0.429124  | Income                   | -0.000005   | 0.000146* | Income                   | -0.000001   | 0.042728* |
| Population                | 0.000106    | 0.004713* | Population               | 0.000012    | 0.274833  | Population               | 0.000003    | 0.033854* |
| Poverty                   | 0.212185    | 0.000014* | Poverty                  | 0.023189    | 0.014916* | Poverty                  | 0.001056    | 0.375645  |
| Joint F Statistic         | 47.971556   | 0.000000* | Joint F Statistic        | 26.448723   | 0.000000* | Joint F Statistic        | 14.062894   | 0.000000* |
| Joint Wald Statistic      | 81.68698    | 0.000000* | Joint Wald Statistic     | 195.884277  | 0.000000* | Joint Wald Statistic     | 46.125342   | 0.000000* |

| Kidnap                   |             |           | Larceny                  |             |           | Liquor                   |             |           |
|--------------------------|-------------|-----------|--------------------------|-------------|-----------|--------------------------|-------------|-----------|
| Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    |
| Night Club Distance      | -0.000038   | 0.058007  | Night Club Distance      | -0.002982   | 0.033481* | Night Club Distance      | -0.000034   | 0.002521* |
| Strip Club Distance      | -0.000005   | 0.776491  | Strip Club Distance      | -0.003816   | 0.000039* | Strip Club Distance      | 0.000027    | 0.024707* |
| Age 18-24                | -0.035906   | 0.004771* | Age 18-24                | -2.128728   | 0.033924* | Age 18-24                | -0.031764   | 0.000058* |
| Divorce                  | 0.021191    | 0.000009* | Divorce                  | 1.106314    | 0.000321* | Divorce                  | 0.016713    | 0.000037* |
| Female Headed Households | -0.009404   | 0.030173* | Female Headed Households | -0.715976   | 0.013662* | Female Headed Households | -0.009381   | 0.000410* |
| Food Stamps              | -0.147443   | 0.000063* | Food Stamps              | -8.278482   | 0.000038* | Food Stamps              | -0.049458   | 0.015234* |
| Income                   | -0.000003   | 0.250159  | Income                   | -0.000466   | 0.000031* | Income                   | 0.000000    | 0.951483  |
| Population               | 0.000008    | 0.499425  | Population               | 0.000543    | 0.674003  | Population               | 0.000034    | 0.000302* |
| Poverty                  | 0.071761    | 0.000141* | Poverty                  | 2.749144    | 0.004813* | Poverty                  | 0.055395    | 0.000098* |
| Joint F Statistic        | 46.788059   | 0.000000* | Joint F Statistic        | 36.281531   | 0.000000* | Joint F Statistic        | 46.317198   | 0.000000* |
| Joint Wald Statistic     | 189.688348  | 0.000000* | Joint Wald Statistic     | 266.544203  | 0.000000* | Joint Wald Statistic     | 65.152809   | 0.000000* |
| Pornography              |             |           | Prostitution             |             |           | Robbery                  |             |           |
| Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    |
| Night Club Distance      | 0.000000    | 0.960163  | Night Club Distance      | -0.0000780  | 0.764393  | Night Club Distance      | -0.0004920  | 0.003654* |
| Strip Club Distance      | 0.000000    | 0.64367   | Strip Club Distance      | -0.0000060  | 0.985537  | Strip Club Distance      | 0.0001300   | 0.486937  |
| Age 18-24                | -0.000438   | 0.124425  | Age 18-24                | 0.051322    | 0.337558  | Age 18-24                | -0.506100   | 0.000005* |
| Divorce                  | 0.000057    | 0.747009  | Divorce                  | -0.042000   | 0.060178  | Divorce                  | 0.213079    | 0.000001* |
| Female Headed Households | -0.000038   | 0.626800  | Female Headed Households | 0.109154    | 0.211517  | Female Headed Households | -0.124692   | 0.000337* |
| Food Stamps              | -0.000317   | 0.515176  | Food Stamps              | -0.935266   | 0.153648  | Food Stamps              | -0.982762   | 0.005064* |
| Income                   | 0.000000    | 0.742849  | Income                   | -0.000046   | 0.009163* | Income                   | -0.000042   | 0.022799* |
| Population               | 0.000000    | 0.972794  | Population               | -0.0002330  | 0.230305  | Population               | 0.000336    | 0.018164* |
| Poverty                  | 0.000445    | 0.428376  | Poverty                  | -0.123113   | 0.13653   | Poverty                  | 0.793794    | 0.000000* |
| Joint F Statistic        | 2.309439    | 0.000000* | Joint F Statistic        | 7.704778    | 0.000000* | Joint F Statistic        | 80.664628   | 0.000000* |
| Joint Wald Statistic     | 3.051333    | 0.000000* | Joint Wald Statistic     | 23.942157   | 0.000000* | Joint Wald Statistic     | 205.650915  | 0.000000* |
| Sex Crimes               |             |           | Vandalism                |             |           | Vehicle Theft            |             |           |
| Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    | Variable                 | Coefficient | Robust    |
| Night Club Distance      | -0.000075   | 0.198136  | Night Club Distance      | -0.000736   | 0.000258* | Night Club Distance      | -0.000501   | 0.000010* |
| Strip Club Distance      | -0.000019   | 0.724063  | Strip Club Distance      | -0.000112   | 0.395491  | Strip Club Distance      | -0.000127   | 0.104657  |
| Age 18-24                | -0.051282   | 0.057157  | Age 18-24                | -0.349839   | 0.002292* | Age 18-24                | -0.286889   | 0.000000* |
| Divorce                  | 0.040891    | 0.000001* | Divorce                  | 0.201066    | 0.000000* | Divorce                  | 0.11884     | 0.000000* |
| Female Headed Households | -0.011223   | 0.224303  | Female Headed Households | -0.111353   | 0.003706* | Female Headed Households | 0.005528    | 0.629169  |
| Food Stamps              | -0.259921   | 0.000005* | Food Stamps              | -1.845892   | 0.000000* | Food Stamps              | -0.978517   | 0.000000* |
| Income                   | -0.000013   | 0.029158* | Income                   | -0.000099   | 0.000000* | Income                   | -0.000103   | 0.000000* |
| Population               | 0.000006    | 0.798876  | Population               | 0.000081    | 0.477002  | Population               | -0.000052   | 0.429115  |
| Poverty                  | 0.066773    | 0.010224* | Poverty                  | 0.472486    | 0.000000* | Poverty                  | -0.056321   | 0.179851  |
| Joint F Statistic        | 26.146696   | 0.000000* | Joint F Statistic        | 77.010581   | 0.000000* | Joint F Statistic        | 120.610997  | 0.000000* |
| Joint Wald Statistic     | 268.831925  | 0.000000* | Joint Wald Statistic     | 95.446007   | 0.000000* | Joint Wald Statistic     | 1079.539204 | 0.000000* |