

Distribution of Crime Observation: persisting hot spots of crime → specific locations Is this distribution random or is there an underlying reason for this distribution? If distribution is not random, what are the drivers of crime in those specific locations?

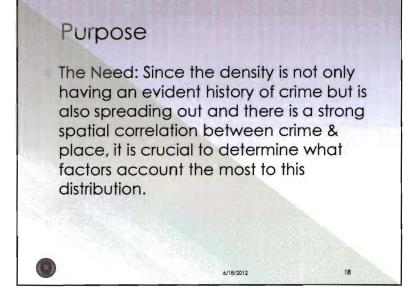


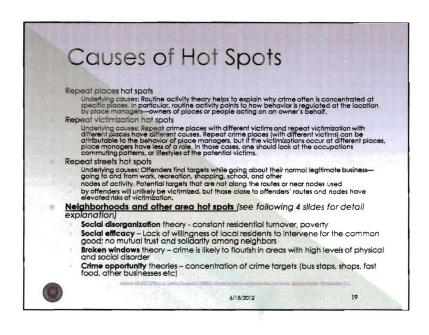
Crime Distribution: Clustered, Dispersed, or Random? In order to determine whether there is a significant spatial clustering in all three crime categories and that the clustered pattern was not the result of random chance, the spatial autocorrelation analyses were conducted The results of Moran / tests indicate that there is a statistically significant (p = 0.000) high to strong positive relationship between each crime categories and their respective distribution There is less than 1% likelihood that the clustering of all three crimes categories in certain areas of Jonesboro is due to a random chance What factors account the most to this clustering of crime?

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Neighborhoods and other area hot spots SOCIAL DISORGANIZATION THEORY This theory suggests that the natural ability of people to control deviancy in their neighborhoods is impaired in some areas by constant residential turnover and net outmigration. These changes either disrupt social networks or prevent such networks from forming. Since these networks, are responsible for most social control in neighborhoods, their absence leads to higher levels of deviancy. Poverty, also have been identified as undermining social networks. 20 6/18/2012

Neighborhoods and other area hot spots

SOCIAL EFFICACY

- Recent evidence from Chicago points to the role of social efficacy, which is "the willingness of local residents to intervene for the common good." It depends on "mutual trust and solidarity among neighbors" (Sampson, Raudenbush, and Earls, 1997, page 919)
- Neighborhoods that have a great deal of social efficacy have less crime and disorder than neighborhoods that have low levels.
- Social efficacy—like disorganization and social networks—is not a property of individual people or places, but a characteristic of groups of people.

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Neighborhoods and other area hot spots

BROKEN WINDOWS THEORY

- The broken windows theory also is an area theory of crime concentration.
- Wilson and Kelling (1982) claim that in most wellfunctioning neighborhoods, small transgressions of social norms (e.g., failure to keep one's yard tidy) result in social pressures to bring the offending party into compliance.
- Once a place becomes untended, however, it undermines the willingness and ability of residents to enforce social order.
- Consequently, residents withdraw from enforcing neighborhood norms, which allows further deviancy to occur.
- This in turn results in additional withdrawal and fear and the neighborhood begins to spiral downward.

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Neighborhoods and other area hot spots

CRIME OPPORTUNITY THEORIES

Another explanation for neighborhood-level hot spots comes from routine activity theory and related theories that point to crime opportunities as the principle cause of crime.

Rather than concentrations of offenders or the absence of social controls, opportunity theories suggest that analysts should look for concentrations of crime targets.

- For example, a dense urban neighborhood with no off-street parking will have many cars porked on the street. Such an area may become an area hot spot for thefts from vehicles.
- A suburban subdivision inhabited by dual-income families will have few people at home during weekdays. Since their property is unprotected, their neighborhood can become an area burglary hot spot. Note that in this type of situation, several layers of hot spots can exist simultaneously. Within area hot spots, defined by the subdivision in this example, might be streets with even greater numbers of burglaries, and some of the homes on these streets may be broken into multiple times.

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Contributing Factors

Deduced from Neighborhood Hot Spots Theories

- **Rental Properties**
- **Population Density**
- Vacant Housing
- Probationers/Parolees
- Household Income
- Education
- Targets of Crime

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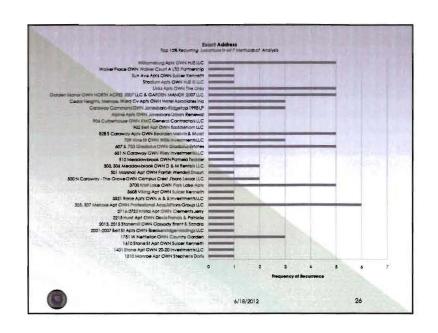
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Crime Distribution in Relation to Rental Properties

- Some rental properties were observed to have a higher concentration of crime than others, apartments specifically
- Study 1: all apartment complexes in Jonesboro by ownership and their spatial relationship to crime (Combs, 2011)
- 7 methods of analysis
- Locations with highest crime concentration identified

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Crime Distribution in Relation to Rental Properties

- Some of the top 10% of rental properties with highest crime were recognized as Jonesboro Urban Renewal & Housing Authority's (JURHA) and Section 8, specifically
- Study 2: separates Section 8 locations, JURHA locations, and top 10% rental locations with highest crime from within rental properties

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Methodology Variables (data available) Rental Properties • Top 10% of Rental Properties with Highest Crime • Section 8 • JURHA • Population • Vacant Units • Probationers/Parolees • Household Income Dependent Variables (outcome) • Violent Crime • Property Crime • Other Crime

