

Crime and Place

Why and how Police should look
at **places rather than people**

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Professor Dr. Thomas Feltes M.A.

Department of Criminology, Criminal Police and Police Science
Faculty of Law, Ruhr-Universität Bochum (RUB), Germany

www.rub.de/kriminologie

www.makrim.de

www.macrimgov.eu

thomas.feltes@rub.de

Introduction



- Crime fighting and prevention (soft policing) focus at people
- Why?
- What is the problem with the „*usual suspects*“?

It is time...

Shifting crime and justice resources
from prisons to police

Shifting police from people to places

David Weisburd

Hebrew University
George Mason University

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Criminology & Public Policy • Volume 10 • Issue 1

Sherman, L.W. (1995): „Hot spots of
crime and criminal careers of places“
available at:
http://www.popcenter.org/Library/CrimePrevention/Volume_04/02-Sherman.pdf
**Weisburd/Groff/Yang: The Criminology of
Place. Street Segments and Our
Understanding of the Crime Problem.**
Oxford 2013

“We need to shift the focus of policing from people to places. Police practices today continue to be focused primarily on individuals. They usually begin with "people" who call the police. They are focused on identifying offenders who commit crimes. They "end" with the arrests of those offenders and their processing through the criminal justice system. This is not to say that the police ignore the places and situations (...).”

Police know who their clients are ...

- ... and where they are coming from...
- We should use these informations! But for what purposes?
- Jo Reichertz: "Meine Schweine erkenn ich am Gang", or "I identify my pigs by the way they walk."
- Most of these criminals are recurrent customers. For other crimes or public disorder cases, similar "everyday police knowledge" (polizeiliches Praxis- oder Alltagswissen) is available, but not so often used in strategic decision making.
- Rumors also exist about the unofficial police motto of "Pack schlägt sich, Pack verträgt sich", or "one minute the pack are at each other's throats, and the next minute, they're the best of friends."
- As such, when a call for service to mediate a brawl comes in from a "chavtown" or chav neighborhood, police often wait for some time before they intervene with the hopes that the problem may have worked itself out in the meantime. <http://www.chavtowns.co.uk/>

Theory of Social Desorganization

- Chicago-School 1920ies (Clifford R. Shaw, Henry McKay u.a.)
- Robert E. Park und Ernest W. Burgess: concentric zones
- Social desorganization theory: **People move, crime stays**
- Robert E. Park "The City" (1925)

The Concentric Zone Model:

1. Central Business District

2. Transitional Zone

***Recent Immigrant Groups*

—Deteriorated Housing

—Factories

—Abandoned Buildings

3. Working Class Zone

—Single Family Tenements

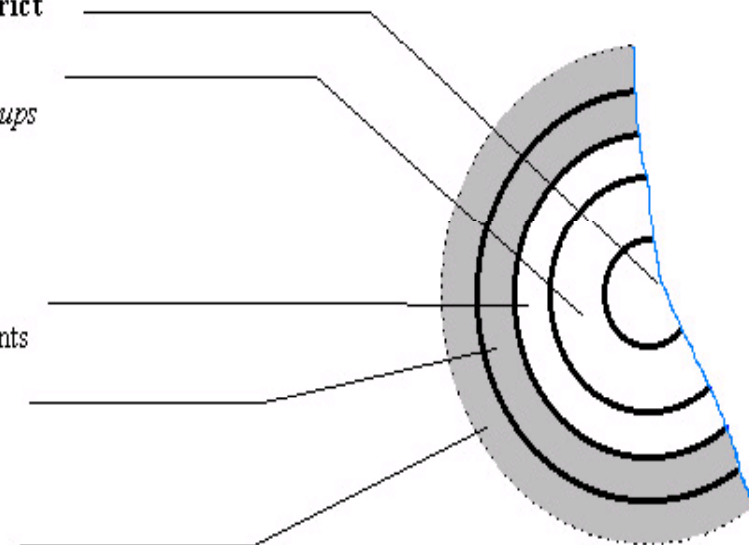
4. Residential Zone

—Single Family Homes

—Yards/Garages

5. Commuter Zone

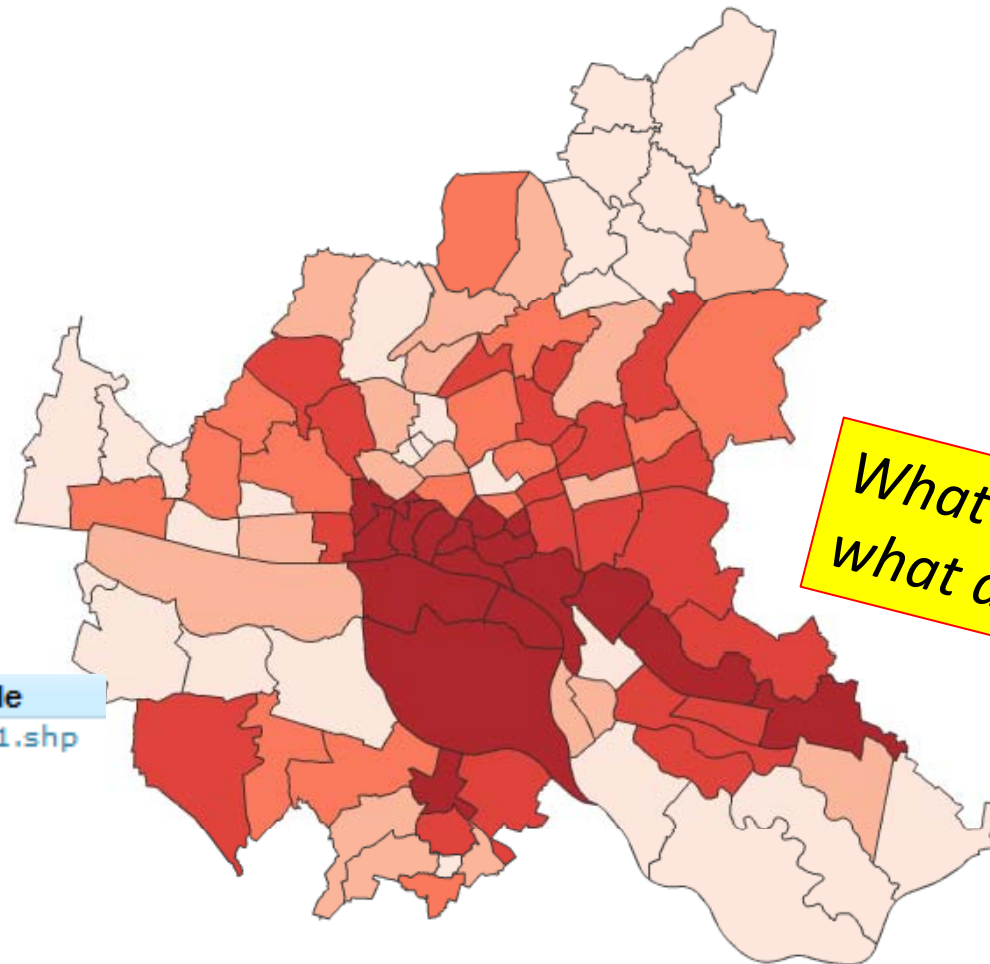
—Suburbs



„Attracting Areas“ in Hamburg

Stadtteildatenbank 2012 http://www.statistik-nord.de/fileadmin/download/Stadtteil_Profile/atlas.html

Violent Crimes per 1000 inhabitants



Legende

Stadtteile99_ab01012011.shp

0,0 - 1,0

1,1 - 2,0

2,1 - 3,0

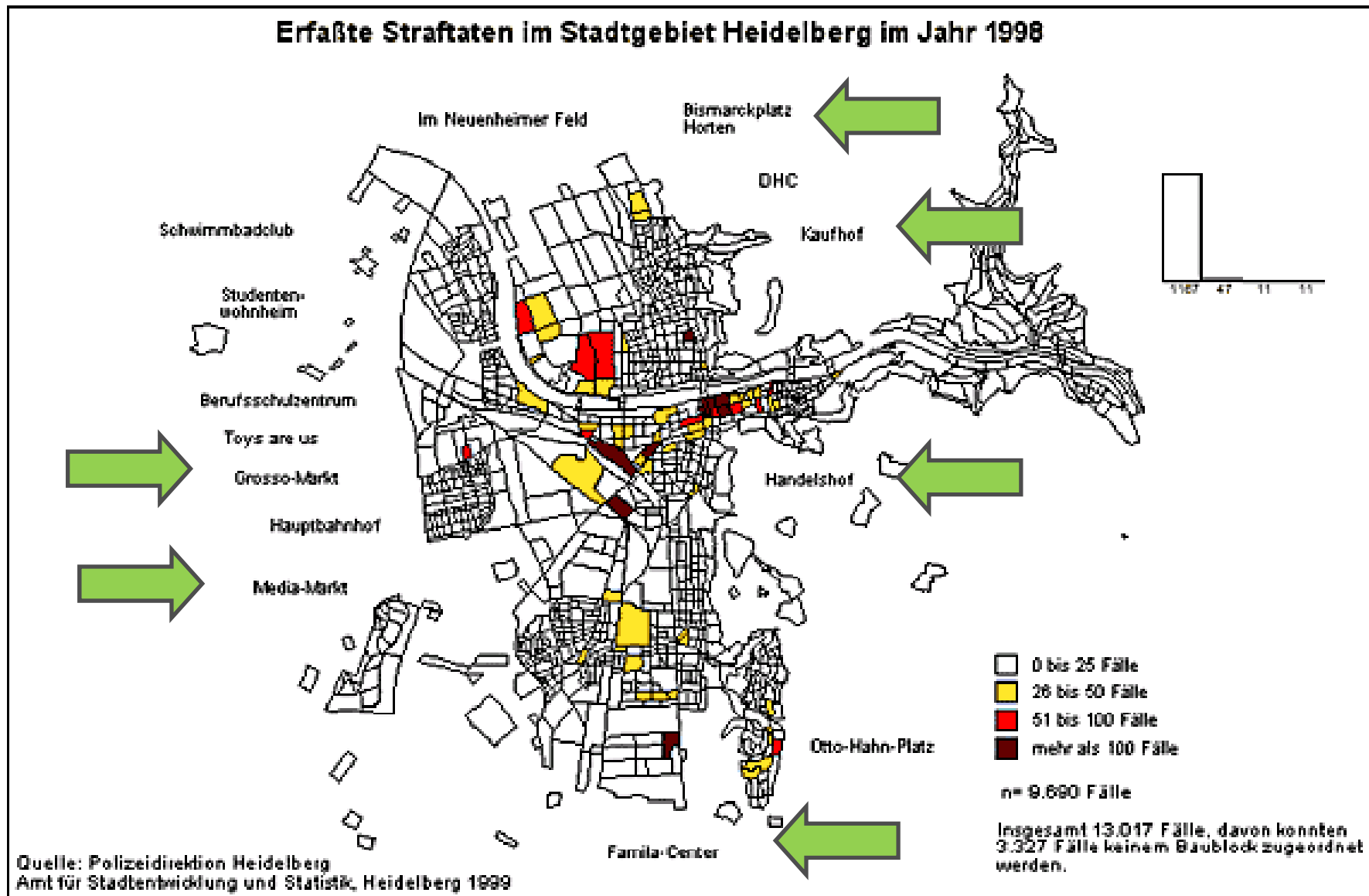
3,1 - 5,0

5,1 - 92,0

What are „attracting areas“,
what are „breeding areas“?

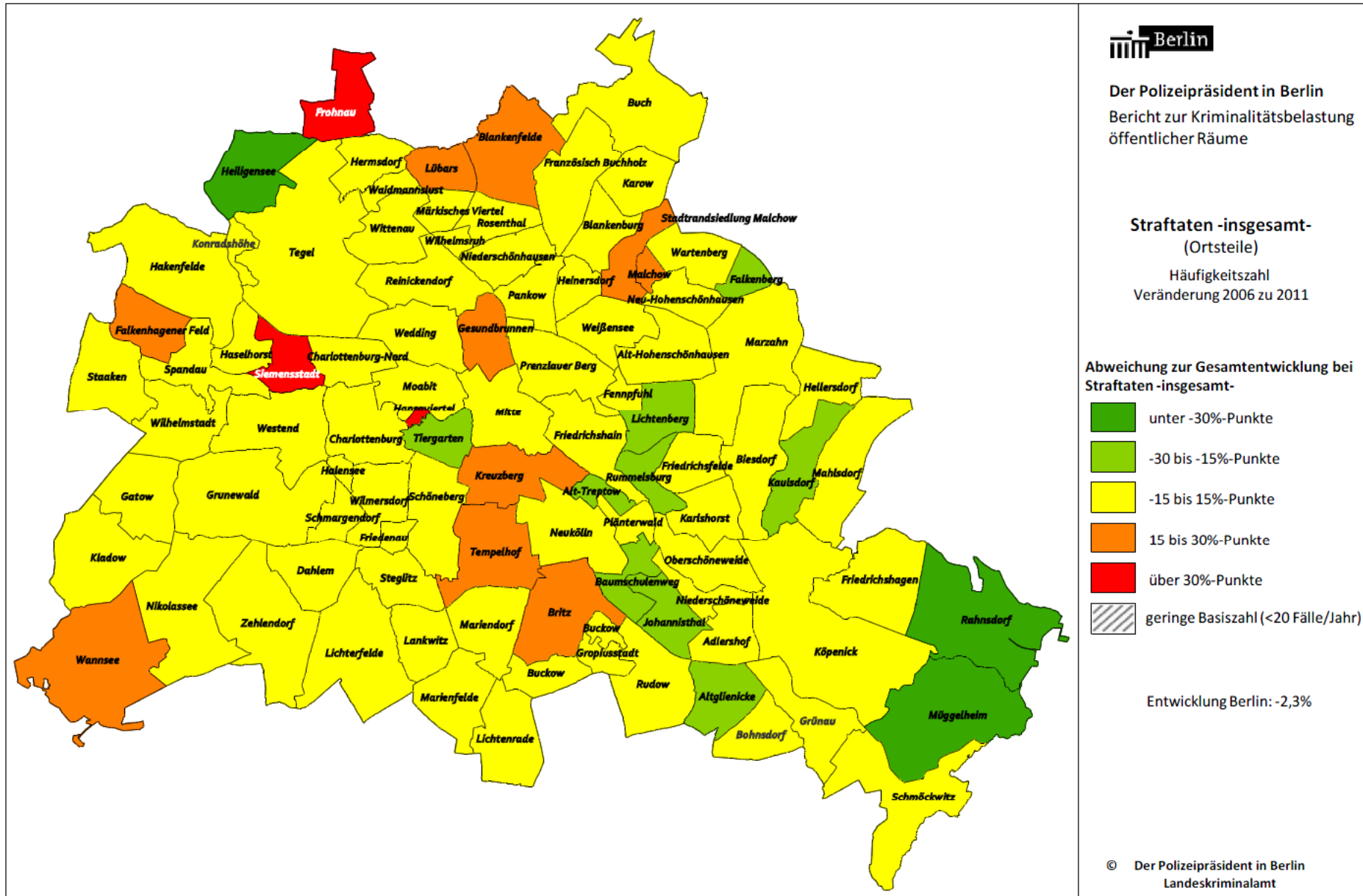
„Attracting Areas“ in Heidelberg 2001 (!)

Kriminalitätsatlas Heidelberg



Next step: **Changes** in Crime

Veränderung 2006 zu 2011 im Vergleich zu Berlin insgesamt

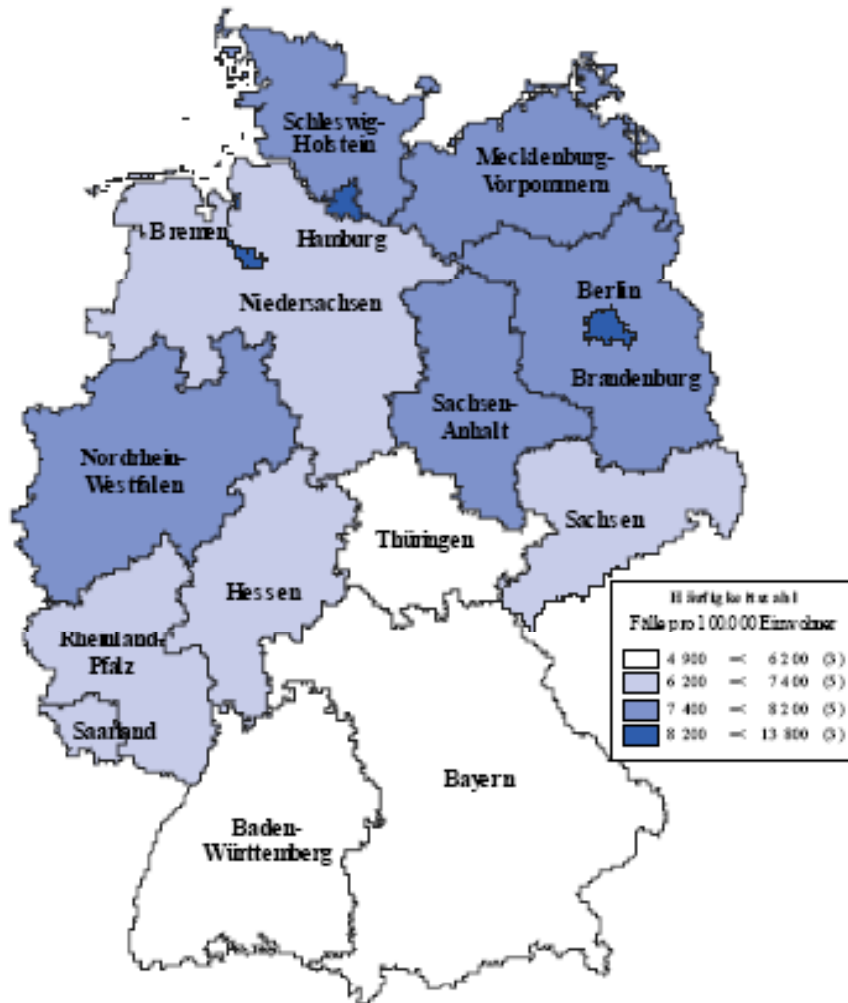


Background: Crime and Poverty

Crimes 2010

44

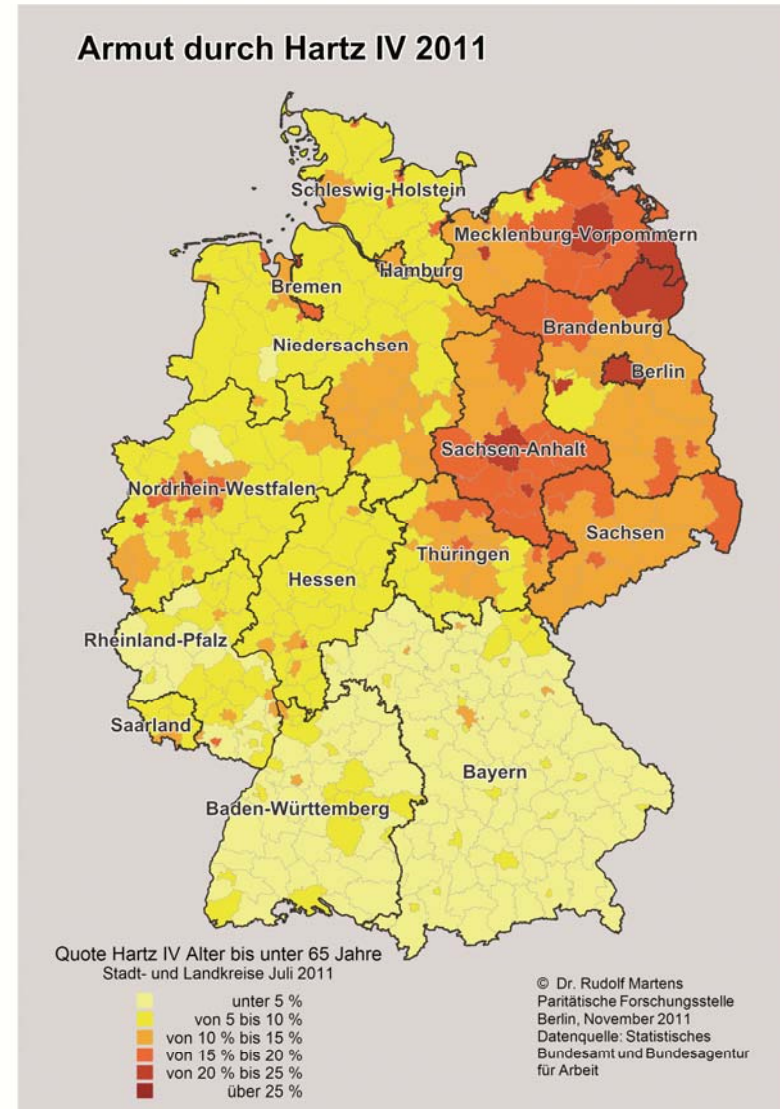
Räumliche Verteilung nach Häufigkeitszahlen



Poverty 2011

Source: Paritätischer Wohlfahrtsverband

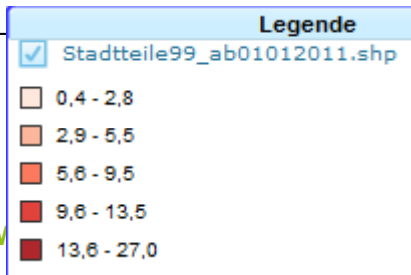
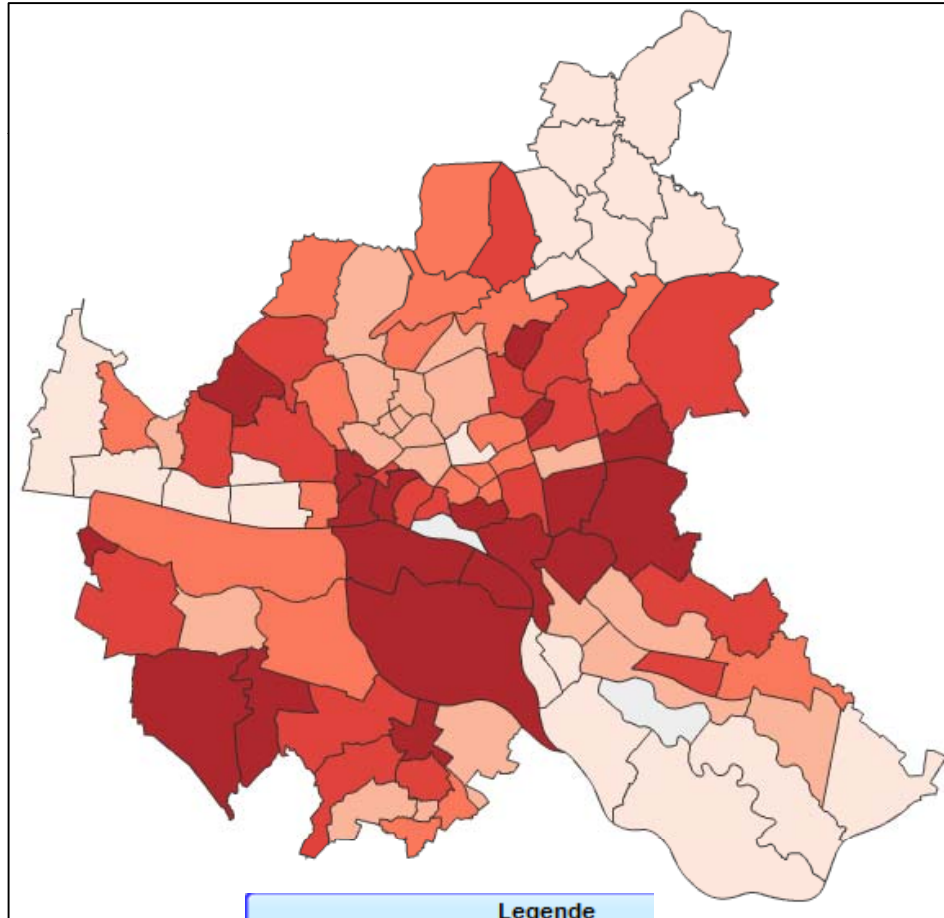
Armut durch Hartz IV 2011



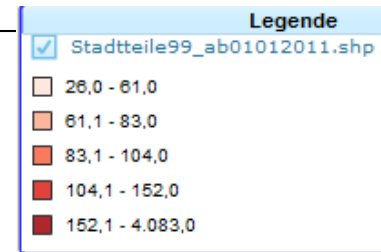
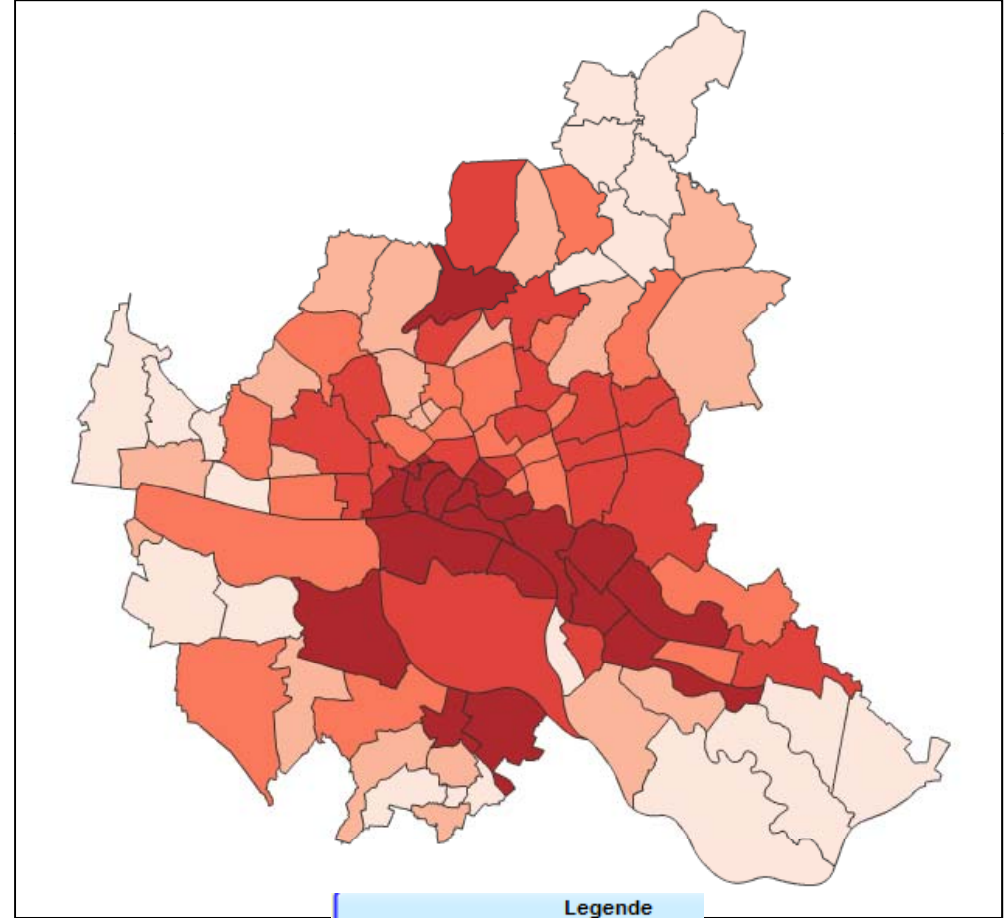
Hamburg

Stadtteildatenbank 2012 http://www.statistik-nord.de/fileadmin/download/Stadtteil_Profile/atlas.html

Social structur



Crimes



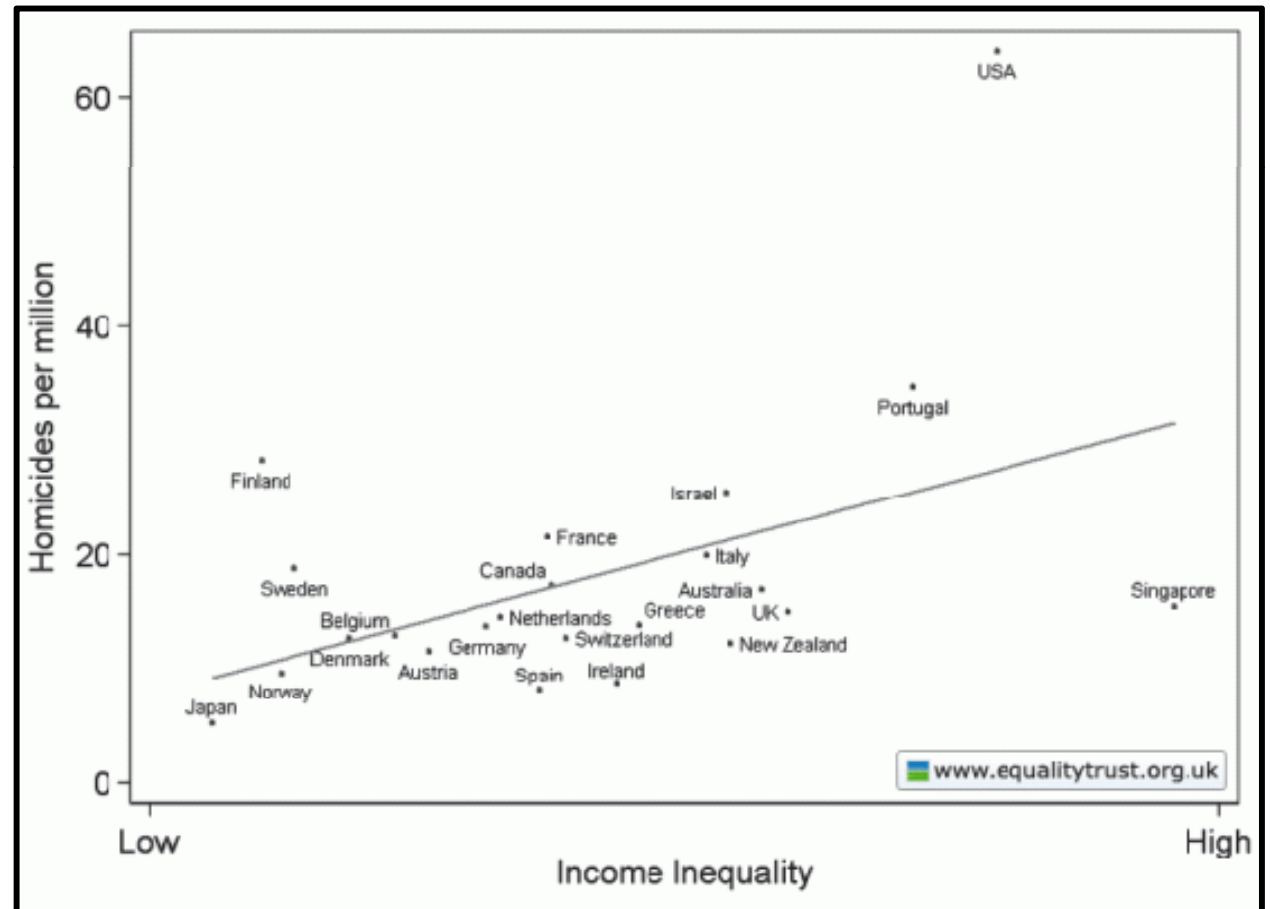
The Equality Trust

<http://www.equalitytrust.org.uk/why/evidence/violence>

Correlation between
unequal (!) income
& homicides

But also between crime &

- violent crimes
- health
- education
- adipositis
- consumption of fast food
- teenage pregnancy
- ...



What we know



Crime is not the only problem we can „map“.

We can also map:

- Poverty
- Social discrimination
- education
- Health

How they are related to each other?

What is the „additional value“ of crime mapping, combined with other information available at neighborhood-level?

Crime Mapping, Tools and Fools...

- Tools have been used for some years by police to analyze crimes and offenders geographically.
- **Crime mapping software** is used in different, and sometimes stigmatizing, ways.



Citizen Law Enforcement Analysis and Reporting (ClearMap, Chicago Police Department)

<http://gis.chicagopolice.org/>

CHICAGO POLICE DEPARTMENT
CLEARMAP
CITIZEN LAW ENFORCEMENT ANALYSIS AND REPORTING

GEOGRAPHIC INFORMATION SYSTEM

GIS.CHICAGOPOLICE.ORG

HOW DO I ... ?

CRIME INCIDENTS
CHICAGO POLICE

CRIME SUMMARY
CHICAGO POLICE

CHICAGO REGISTERED SEX OFFENDERS

CHICAGO REGISTERED GUN OFFENDERS

COMMUNITY CONCERNS
CHICAGO POLICE

BLOCK CLUBS
CHICAGO POLICE

SEE CRIME INCIDENTS NEAR AN ADDRESS OR WITHIN A COMMUNITY?
Use **CRIME INCIDENTS** TO SEARCH FOR SPECIFIC INCIDENTS BY ADDRESS, COMMUNITY, WARD, BEAT, DISTRICT, SCHOOL & PARK.

COMPARE & CONTRAST CRIME COUNTS WITHIN THE CITY OF CHICAGO?
Use **CRIME SUMMARY** TO SEE CRIME SUMMARIZED BY COMMUNITY, WARD, BEAT, DISTRICT AND CENSUS TRACT.

VIEW CHICAGO REGISTERED SEX OFFENDERS RESIDING NEAR A LOCATION?
Use **SEX OFFENDERS** TO SEARCH FOR REGISTERED SEX OFFENDERS BY ADDRESS, COMMUNITY, WARD, BEAT, DISTRICT, SCHOOL & PARK. YOU CAN ALSO SEARCH BY NAME.

VIEW A SUMMARY OF COMMUNITY CONCERNS?
Use **COMMUNITY CONCERNS** TO SEE CONCERNS SUMMARIZED BY COMMUNITY, WARD, BEAT, DISTRICT AND CENSUS TRACT.

MAPS
DISTRICT & BEAT
Adobe .pdf (11"x17")

Entire City

1 2 3 4 5
6 7 8 9 10
11 12 13 14 15
16 17 18 19 20
22 24 25

Get **ADOBE READER**

THE CHICAGO POLICE DEPARTMENT DEVELOPED **CLEARMAP** TO PROVIDE RESIDENTS OF THE CITY OF CHICAGO WITH A TOOL TO ASSIST THEM IN PROBLEM-SOLVING AND COMBATING CRIME AND DISORDER IN THEIR NEIGHBORHOODS. IT IS BASED UPON THE CLEAR (CITIZEN LAW ENFORCEMENT ANALYSIS AND REPORTING) SYSTEM DEVELOPED BY THE DEPARTMENT FOR USE BY ITS POLICE OFFICERS.

CLEARMAP System Requirements & Supported Web Browsers
Pop-up Blockers Disabled, JavaScript Enabled, Minimum Display Resolution 1024x768. Firefox 1.5, 2.0 & 3.0, Internet Explorer 6.0 & 7.0, Netscape Communicator 8.1. Tabbed Browsing is not recommended.

The screenshot shows the CLEARMAP web application. At the top, it says 'CHICAGO POLICE DEPARTMENT CLEARMAP CRIME INCIDENTS'. The main area is a map of Chicago with a red circle highlighting a specific location. On the right side, there is a 'CRIME TYPES' list with checkboxes for various offenses like Homicide, Robbery, Burglary, etc. Below the map, there are search filters for 'SEARCH BY' (Address, Beat, etc.) and 'DATE BETWEEN'. At the bottom, it says 'TOTAL INCIDENTS: 2'.

STEP 1: SUMMARIZE BY: Police Beat

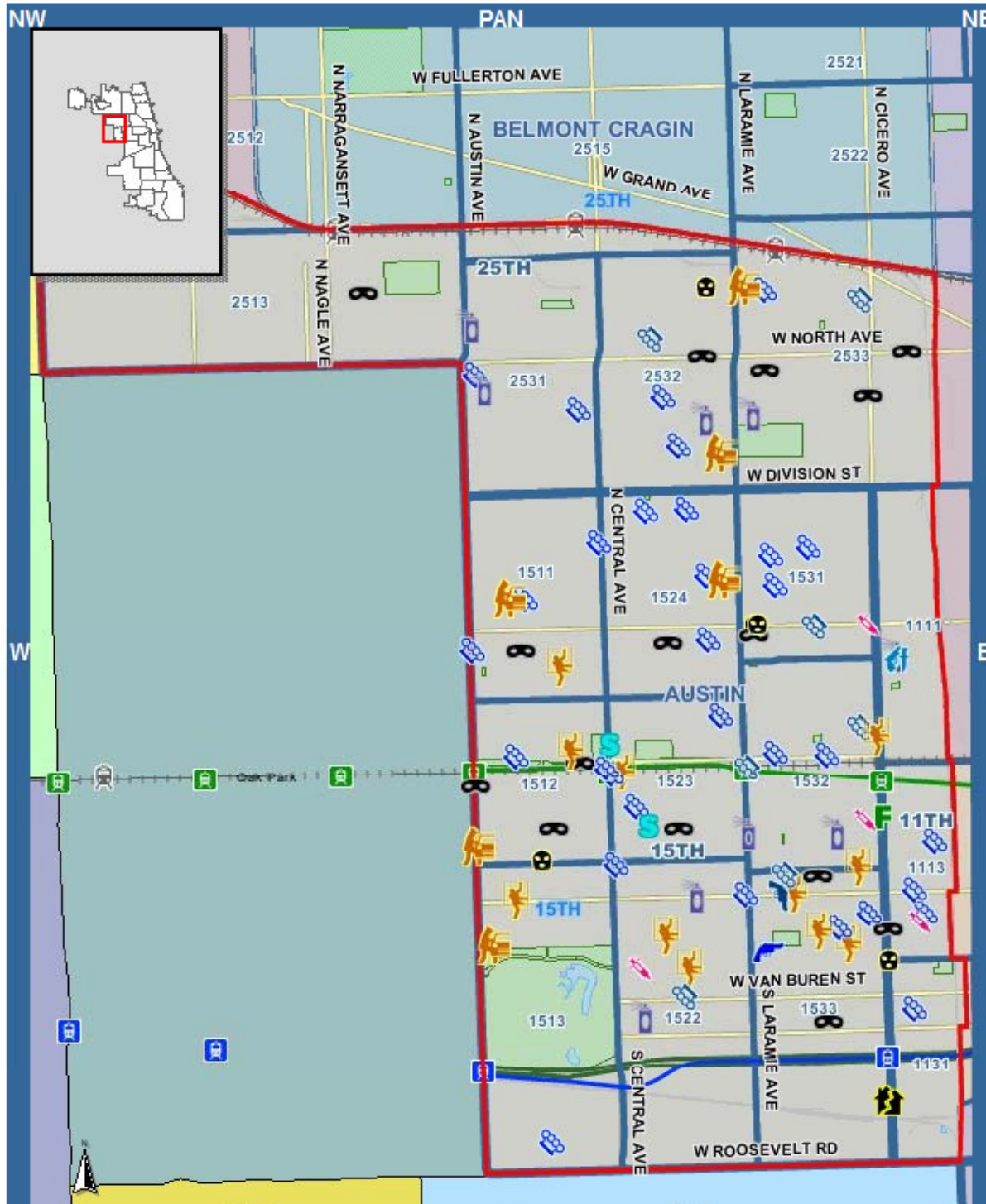
STEP 2: CATEGORY: Index Crime

STEP 3: TIMEFRAME: Past 90 Days ~ 3 Months

STEP 4: CLICK: LAUNCH MAP!

DEPARTMENT OF CRIMINOLOGY, CRIMINAL POLICY AND POLICE SCIENCE

14



CRIME TYPES **DETAILS**

- | VISIBLE | INDEX | NON-INDEX | CRIME TYPE |
|-------------------------------------|-------------------------------------|--------------------------|-------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | HOMICIDE 1ST & 2ND DEGREE |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | INVOLUNTARY MANSLAUGHTER |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | CRIMINAL SEXUAL ASSAULT (2) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | ROBBERY (5) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | AGGRAVATED ASSAULT (1) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | AGGRAVATED BATTERY (1) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | BURGLARY (12) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | LARCENY (17) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | MOTOR VEHICLE THEFT (6) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SIMPLE ASSAULT (7) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | SIMPLE BATTERY (31) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | ARSON |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | FORGERY & COUNTERFEITING |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | FRAUD (2) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | EMBEZZLEMENT |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | STOLEN PROPERTY |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | VANDALISM (9) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | WEAPONS VIOLATION (1) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | PROSTITUTION |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | CRIMINAL SEXUAL ABUSE |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | DRUG ABUSE (5) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | GAMBLING |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | OFFENSES AGAINST FAMILY (1) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | LIQUOR LICENSE |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | DISORDERLY CONDUCT |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | MISC NON-INDEX OFFENSE |

Calls for Service

<http://www.myneighborhoodupdate.net/>

▶ Enter an address:

MY NEIGHBORHOOD UPDATE NET 2006

[What's New](#) [About Us](#) [Answers](#) [Report a bug](#)

On	Category	#
<input checked="" type="checkbox"/>	Property	33
<input checked="" type="checkbox"/>	Violent	22
<input checked="" type="checkbox"/>	Traffic	170
<input checked="" type="checkbox"/>	Proactive Policing	82
<input checked="" type="checkbox"/>	Noise	0
<input checked="" type="checkbox"/>	Disorder	212
<input checked="" type="checkbox"/>	Other	52

Visible agencies:
[San Jose, CA Police Department](#)

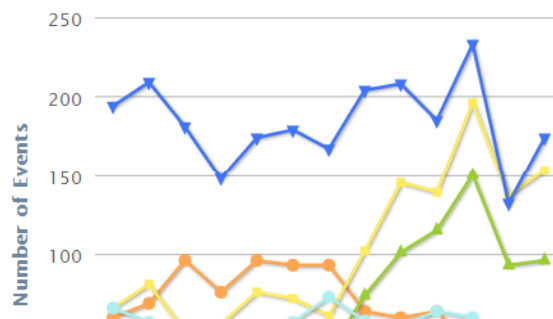
Get e-mail alerts
 Share
 E-mail this view
 Print Report

Addresses shown are approximate. Point size reflects time spent at event. Not all calls for service result in a crime report.

Displaying 250 of 571 events.

Displaying the 250
most significant events that occurred between 8/12/2013 and 9/11/2013

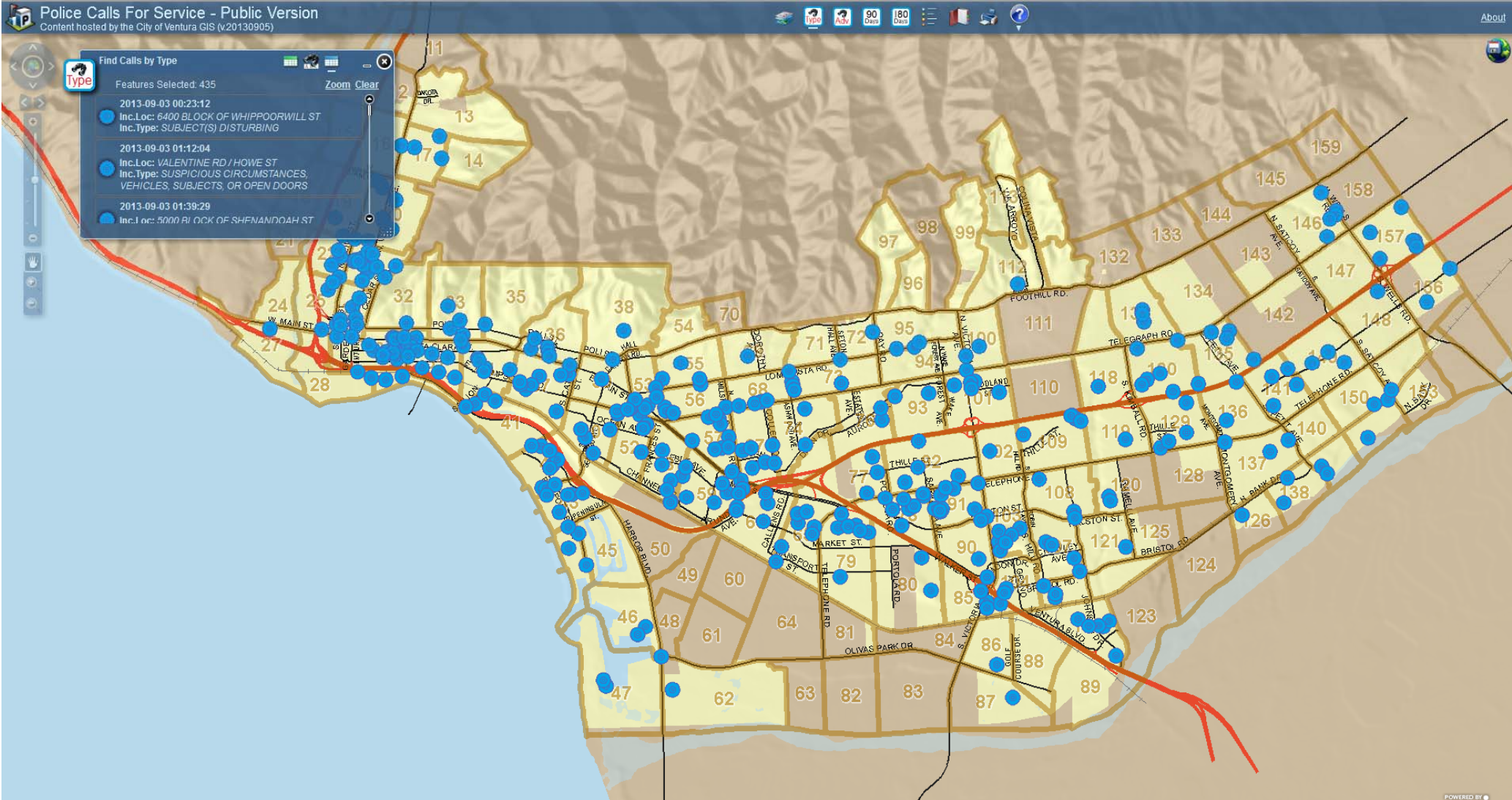
12-Month Trend in Current Map Area



250 most significant events out of 571 (click a row to get more info)

Type	Location	Received	Cars	Time
Murder	500 BLK E HUMBOLDT ST	09/08/13 09:39:15	N/A	N/A
Mental Subject	UNRECOGNIZED	08/27/13 09:09:55	N/A	N/A
Death	1000 BLK ALMADEN AV	08/20/13 11:45:02	N/A	N/A
Disorderly Conduct	S 1ST ST / E ALMA AV	08/29/13 16:03:51	N/A	N/A
Burglary-Auto	100 BLK SUTTER ST	08/21/13 13:10:49	N/A	N/A
Death	1100 BLK PALM ST	08/30/13 21:25:48	N/A	N/A
Vehicle Stop	UNRECOGNIZED	08/29/13 16:28:58	N/A	N/A

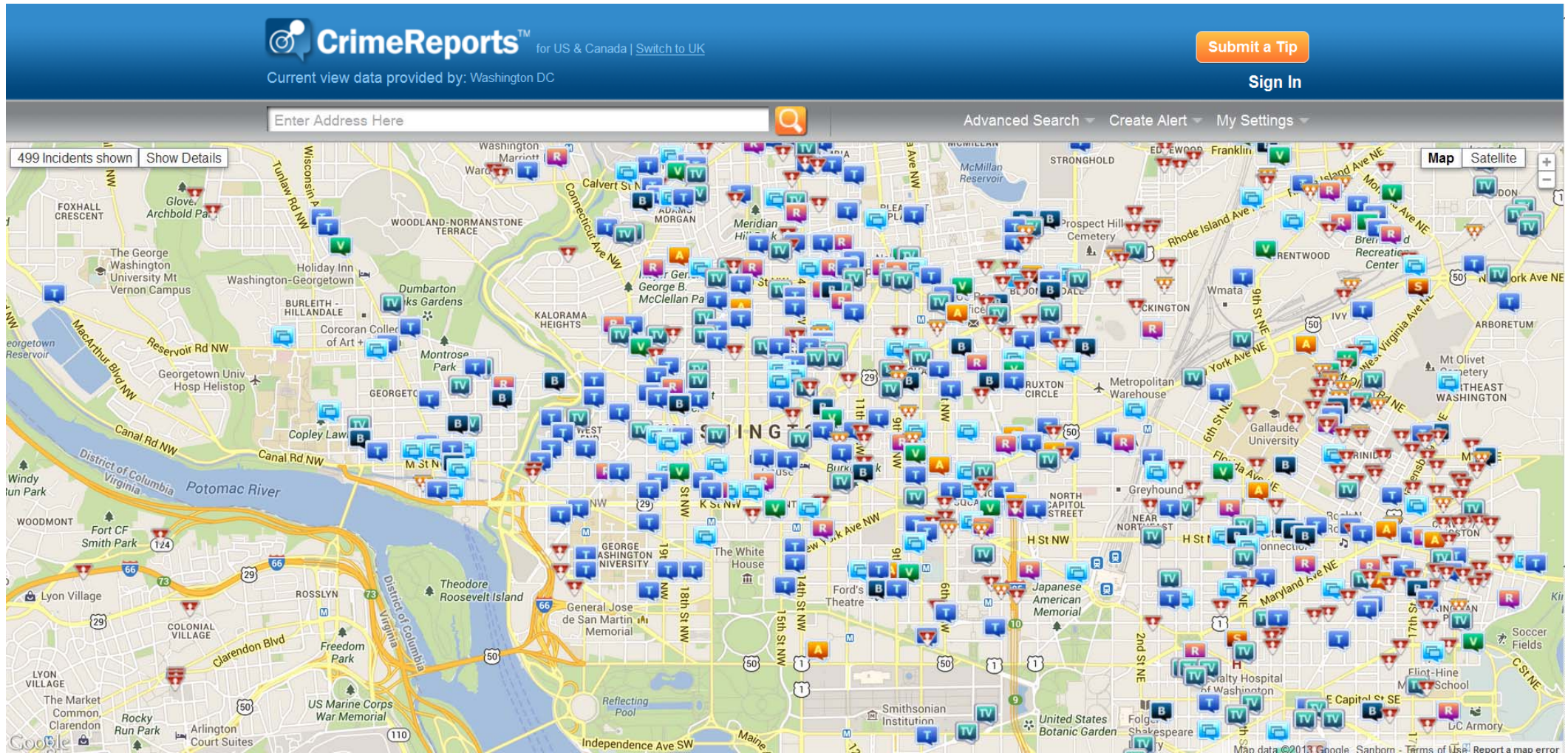
<http://maps.cityofventura.net/menu/flex/pollicemap/>



Crime Reports (a private Site!)

<https://www.crimereports.com/>

"... to help law enforcement agencies put crime data in the hands of those who care about it most-citizens"



Megan's Law (by State of California Department of Justice)

Search for sexual offenders <http://www.meganslaw.ca.gov/index.aspx?lang=ENGLISH>

Megan's Law is an informal name for laws in the United States requiring law enforcement authorities to make information available to the public regarding registered sex offenders, which was created in response to the murder of Megan Kanka. Commonly included information is the offender's name, picture, address, incarceration date, and nature of crime. The information is often displayed on free public websites, but can be published in newspapers, distributed in pamphlets, or through various other means.

The screenshot shows the 'California Sex Offender Locator Map' interface. On the left, a 'Search By:' dropdown menu is open, showing options: Name, Address, City, ZIP Code, County, Parks, and Schools. Below this is an 'Online Help' link. The central map shows the state of California with a search bar at the top containing 'Drag Zoom', 'Click to Center', and 'Offender Information'. On the right, the 'Address Search' section includes a text input for 'Enter an address to search for nearby offenders.', another for 'Enter Street Address', a 'City' input, and a 'ZIP Code' input. Below these is a 'Select Distance' dropdown menu set to 'Within 1 Mile'. At the bottom of the search section are 'Search' and 'Clear Search' buttons. A vertical zoom control with 'Zoom In' and 'Zoom Out' buttons is also present.

Because maps only reflect sex registrants on whom full address information may be displayed, you are encouraged to utilize the "Name", "City", "ZIP Code", and "County" search functions for access to complete listings of sex registrants available on this Internet site.

Megan's Law (by State of California Department of Justice)

Suche nach Sexualstraftätern <http://www.meganslaw.ca.gov/index.aspx?lang=ENGLISH>

California Sex Offender Locator Map

Drag Zoom
 Click to Center
 Offender Information

Address Search

Enter an address to search for nearby offenders.

Enter Street Address

City

ZIP Code

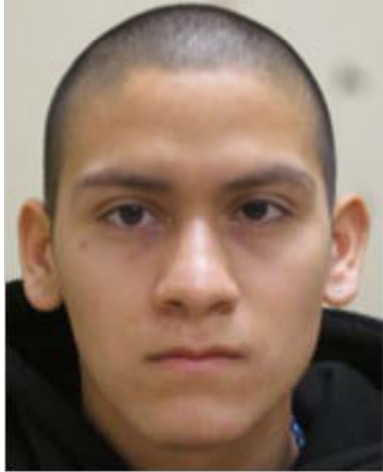
Select Distance

OFFICE OF THE ATTORNEY GENERAL • Megan's Law
 State of California • Department of Justice

<input checked="" type="checkbox"/> In Violation	Name	Address	City	ZIP	County
<input checked="" type="checkbox"/>	 ANDERSON, TONY EDWARD More Info	1268 E 107TH ST Show On Map	LOS ANGELES	90002	LOS ANGELES
<input checked="" type="checkbox"/>	 SMITH, HENRY More Info	1268 E 107TH ST Show On Map	LOS ANGELES	90002	LOS ANGELES

Because maps only reflect sex registrants on which you are displayed, you are encouraged to utilize the "Name" functions for access to complete listings of sex registrants available on this Internet site.

Last Name: ORTIZ First Name: MATTHEW Middle Name:



Report Information to DOJ

Known Aliases

None

Description

Date of Birth:	12-31-1991
Sex:	MALE
Height:	5'5"
Weight:	130
Eye Color:	BROWN
Hair Color:	BLACK
Ethnicity:	HISPANIC

Offenses

Offense Code	288(b)(1)
Description	LEWD OR LASCIVIOUS ACTS WITH CHILD UNDER 14 YEARS OF AGE BY FORCE OR FEAR
Year of Last Conviction	
Year of Last Release	

DOJ is unable to determine if there are any subsequent felony convictions for this registrant at this time.

Risk Assessment

Tool Name	STATIC 99R
Score Date	11/21/2011
Score	3
Risk Level	LOW-MODERATE RISK

Addresses

[View on Map](#)

Last Known Address:	216 E 67TH ST APT # B, LONG BEACH, 90805 County: LOS ANGELES
---------------------	---

Scars/Marks/Tattoos

ARM, LEFT, NONSPECIFIC

- CHEST
- BACK
- ABDOMEN

Last Name: PEARSON First Name: HAROLD Middle Name:

THIS SEX OFFENDER HAS BEEN IN VIOLATION OF REGISTRATION REQUIREMENTS SINCE 08/21/2013.



[Report Information to DOJ](#)

Known Aliases

KNIGHTEN, HALOLD
KNIGHTEN, HAROLD

Description

Date of Birth: 08-10-1942
Sex: MALE
Height: 5'6"
Weight: 172
Eye Color: BROWN
Hair Color: BLACK
Ethnicity: BLACK

Offenses

Offense Code 288a(c)
Description ORAL COPULATION WITH A MINOR UNDER 14 YEARS OF AGE OR BY FORCE OR FEAR
Year of Last Conviction
Year of Last Release

Offense Code 261(2)
Description PRIOR CODE - RAPE BY FORCE
Year of Last Conviction
Year of Last Release

DOJ is unable to determine if there are any subsequent felony convictions for this registrant at this time.

Risk Assessment

Tool Name
Score Date
Score
Risk Level

Addresses

[View on Map](#)

Last Known Address: 121 W SCOTT ST, LONG BEACH, 90805
County: LOS ANGELES

Scars/Marks/Tattoos

None

National Sex Offender Public Registry

<http://www.nsopr.gov/>

„real-time access to public sex offender data nationwide with a single Internet search“

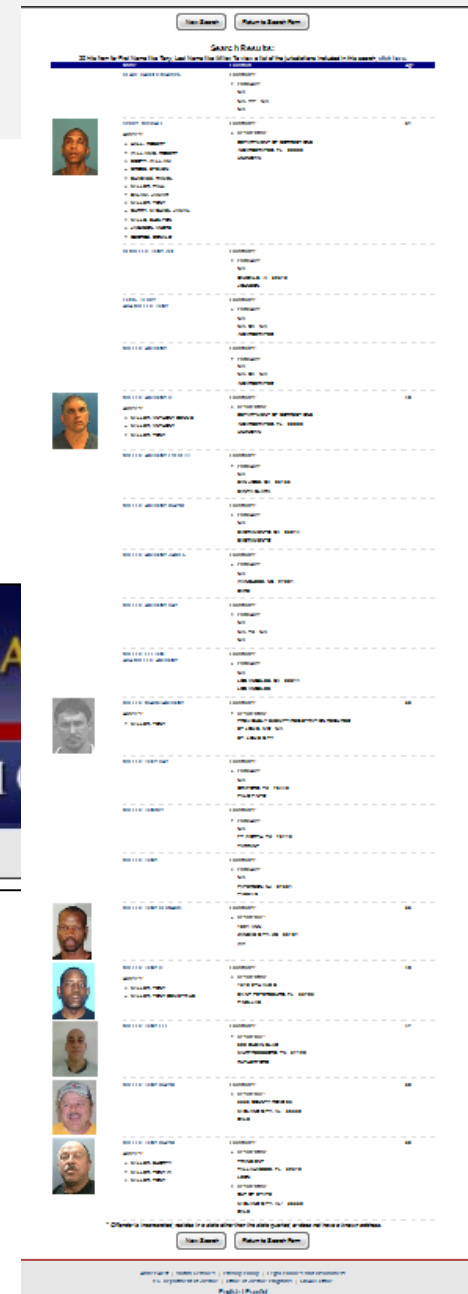
“This site, sponsored by the U.S. Department of Justice, allows parents and concerned citizens to search existing public state and territory sex offender registries beyond their own states.”



Standard Search: Enter a last name and first name; then press *Search* to search the sex offender registries for all 50 states, the District of Columbia, Puerto Rico, Guam, Northern Mariana Islands, and Indian Country.

Last Name: First Name:

Advanced Search: To conduct an advanced search by locality, zip code, or address [click here](#).



	<p>MILLER, JOHN W</p>	<p>47</p>	<p>DUKE DUKE</p>	<p>5445 PETERS RD TIPP CITY, OH 45371 Miami <i>Residence</i></p>
	<p>MILLER, JOHN DAVID</p>	<p>69</p>		<p>135 W CENTER ST MARION, OH 43302 Marion <i>Residence</i></p>
	<p>MILLER, JOHN TERRY</p>	<p>41</p>	<p>MILLER , JOHN MILLER , JT</p>	<p>14425 Bitterbrush Lane Draper, UT 84020 Salt Lake <i>Residence</i></p>
	<p>MILLER, JOHN ERNEST</p>	<p>43</p>		<p>3126 E 400 N CR CONNERSVILLE, IN 47331 Fayette <i>Residence</i></p>

Details Victim Info Other Known Addresses Vehicles

Name: John W Miller Registration #: 100987
Aliases: Duke
Duke

Physical Description

Age: 47 (DOB: 03/08/1966) Height: 6'00"
Sex: M Weight: 170lbs
Race: White Eyes: Blue
Hair: Brown
Scars/Tattoos: Tattoo on L_arm (cross w/ R, cross w/JM), Tattoo on L_leg (cross w/ fan)

Address

5445 PETERS RD TIPP CITY, OH 45371, Miami County View Map

Offenses

Description: 2907.08 - Voyeurism
Date Convicted:
Conviction State: Ohio
Date Released:
Details: Tier I Sex Offender

Comments



John W Miller

Submit a tip or correction for this offender

Register to track this offender

Tell A Friend

Share this information with a friend!

Your Name

Friends Email

SEND

Collateral damages?

Behavioral Sciences and the Law
Behav. Sci. Law 25: 587–602 (2007)
Published online 9 July 2007 in Wiley InterScience
(www.interscience.wiley.com) DOI: 10.1002/bsl.770



Megan's Law and its Impact on Community Re-Entry for Sex Offenders

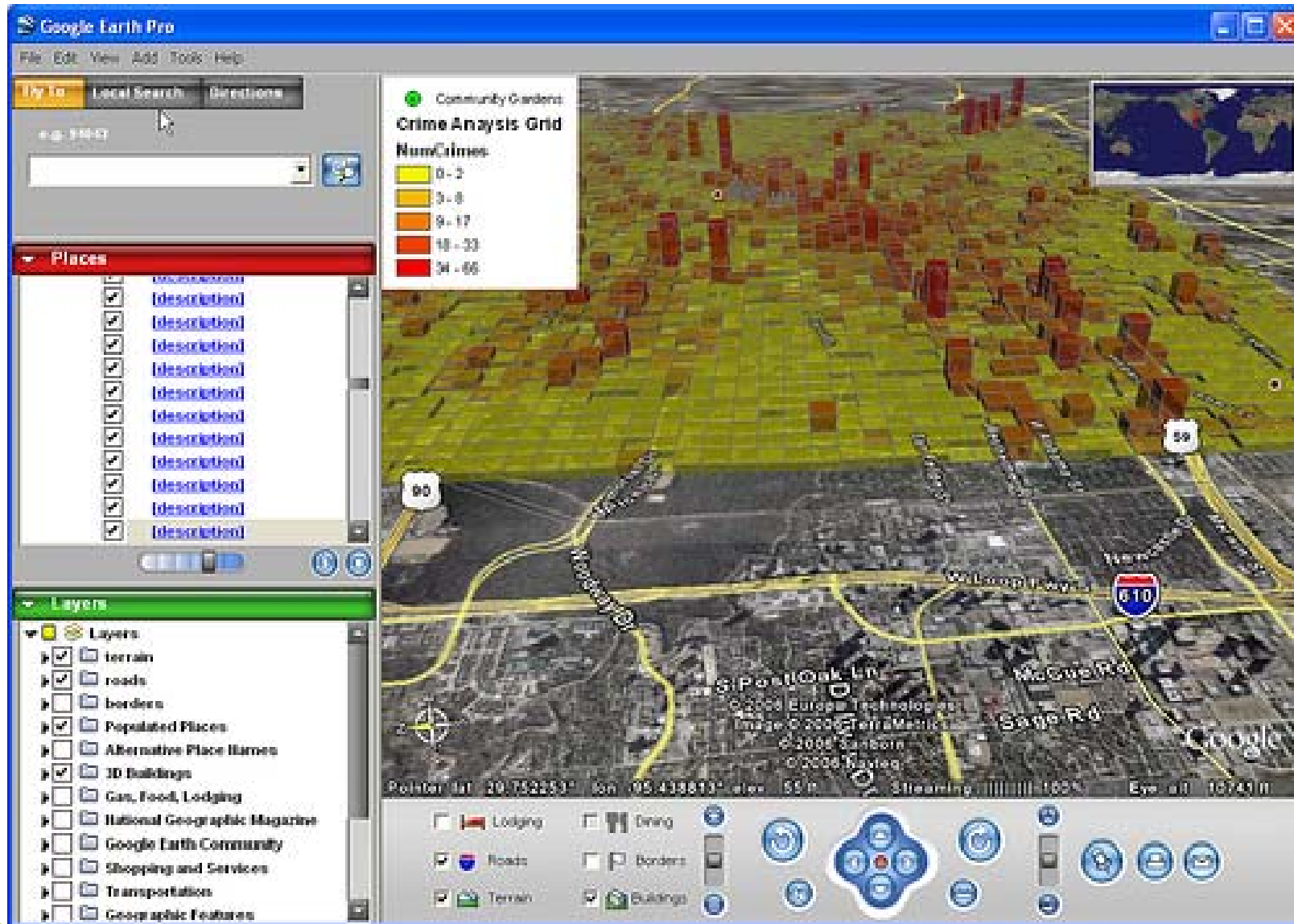
Jill S. Levenson Ph.D.,*
David A. D'Amora M.S., LPC, CFC†
and Andrea L. Hern M.A.‡

and Indiana were surveyed. The negative consequences that occurred with the greatest frequency included job loss, threats and harassment, property damage, and suffering of household members. A minority of sex offenders reported housing disruption or physical violence following community notification. The majority experienced psychosocial distress such as depression, shame, and hopelessness. Recommendations are made for community

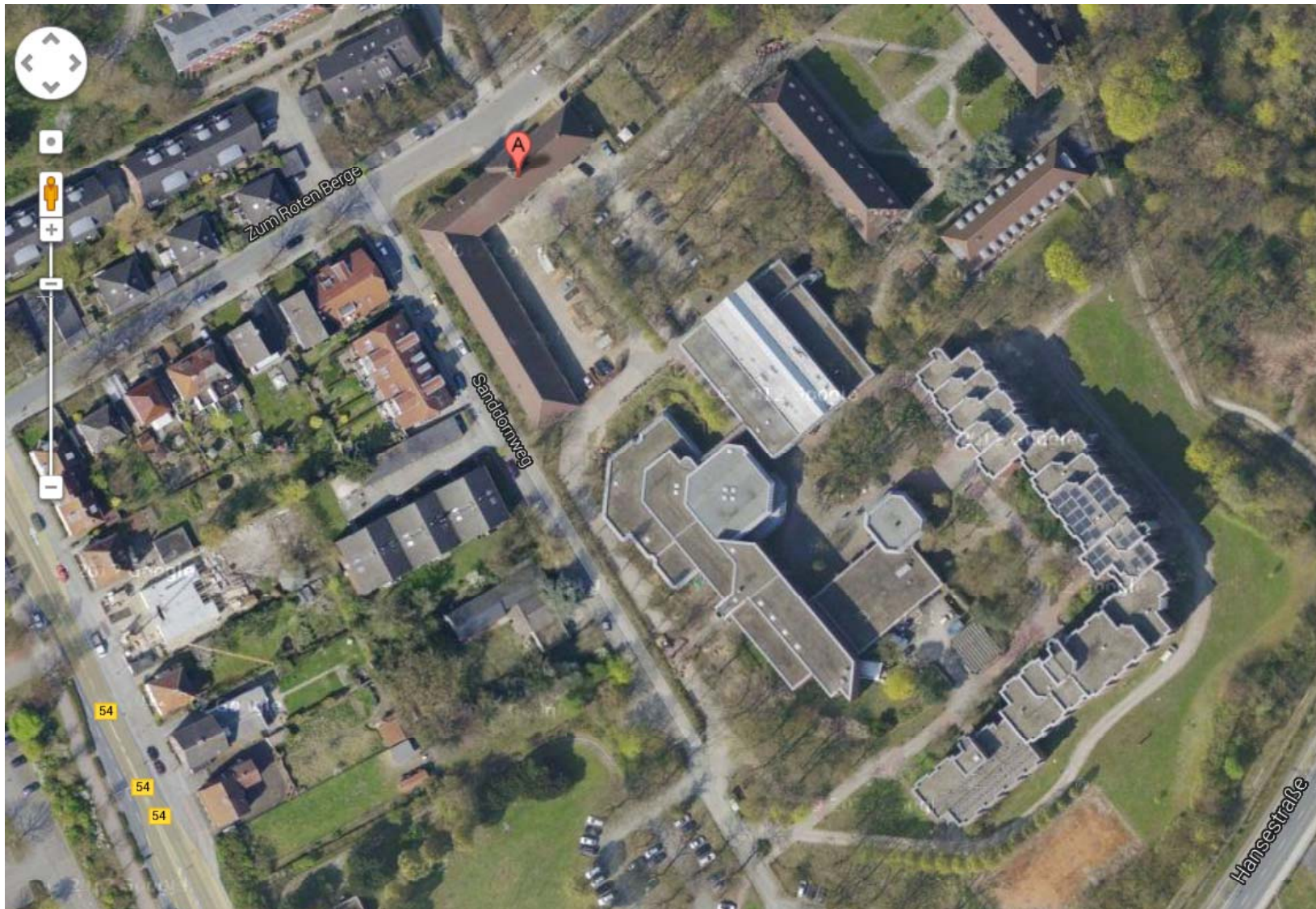
- Well known **stigmatising effects** for released prisoners and their families
 - Loss of social contacts, isolation
 - Loss of work and home
 - Physical and psychological threats
 - Stress
- **Consequences are dysfunctional**
- **no lower, mostly higher recidivism rate**

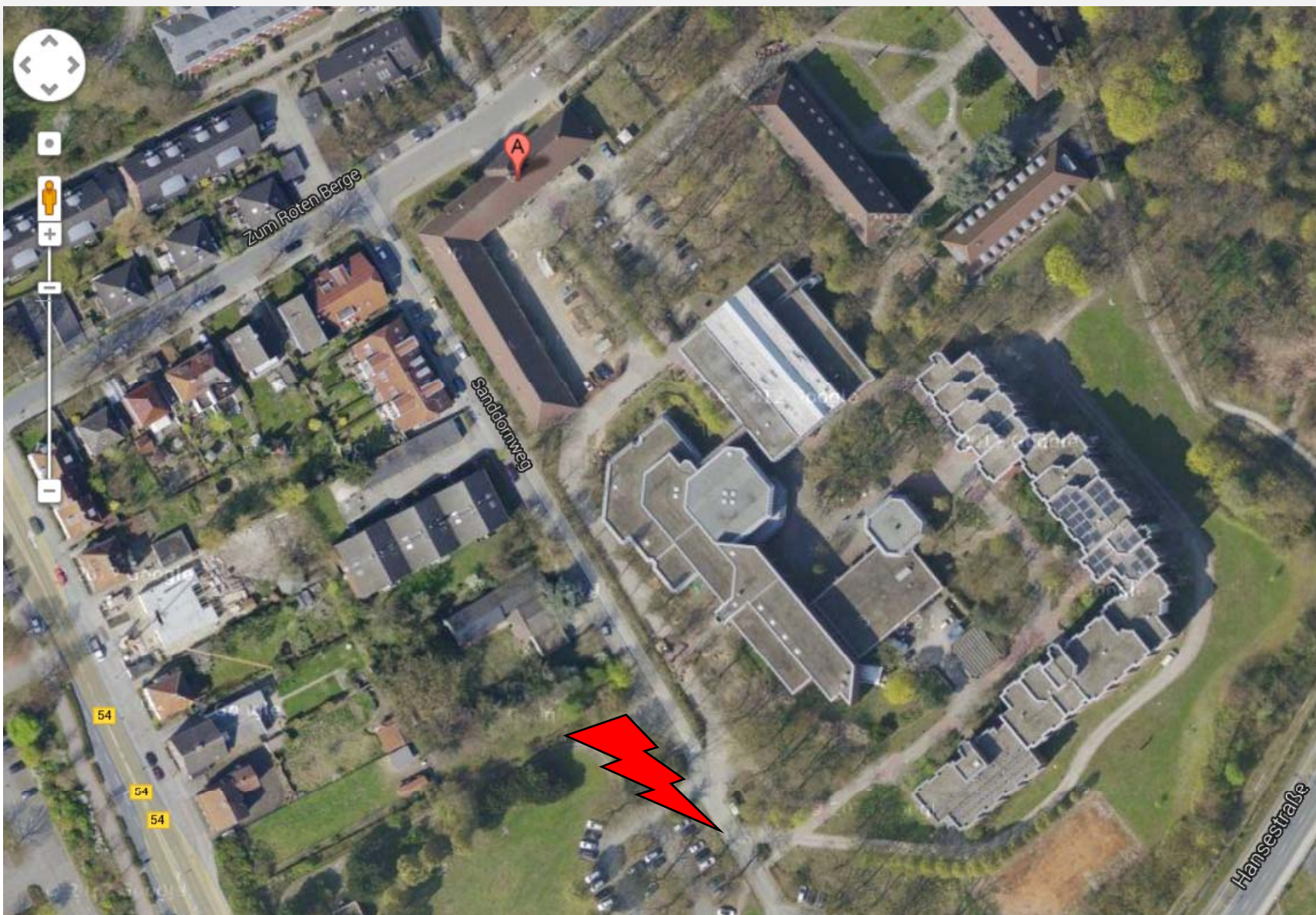
Tewksbury, R., Collateral consequences of sex offender registration. Journal of Contemporary Criminal Justice 21, 1, 2005, S. 67-81; Levenson, J.S., Cotter, L.P., The effect of Megan's Law on sex offender reintegration. In: Journal of Contemporary Criminal Justice 21, 1, 2005, S. 49-66 (see next slide); Hughes, L.A., C. Kadleck: Sex Offender Community Notification and Community Stratification. In: Justice Quarterly 25, 3, S. 469-495; Zgoba/Veyses/Dalessandro Justice Quarterly October 2010)

Google Earth Pro



Next step? Google Earth Pro Plus ...

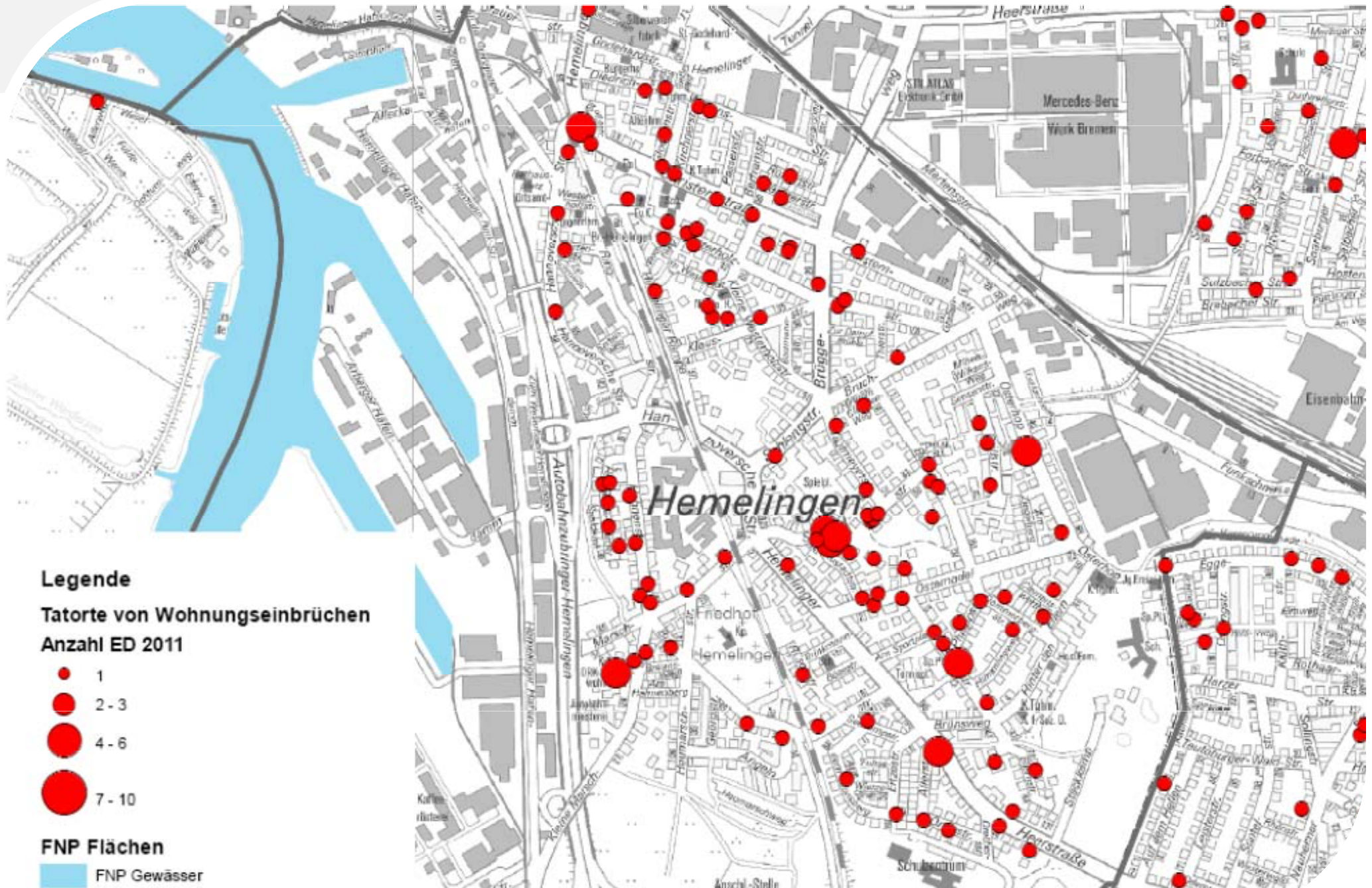




Some prisoners released get a GPS/GIS-Chip implanted.

At <http://www.gps.tracking.google.com> you can search for the name, the city or the region, where the probationer is actually underway.

Crime Places: Burglary in Bremen

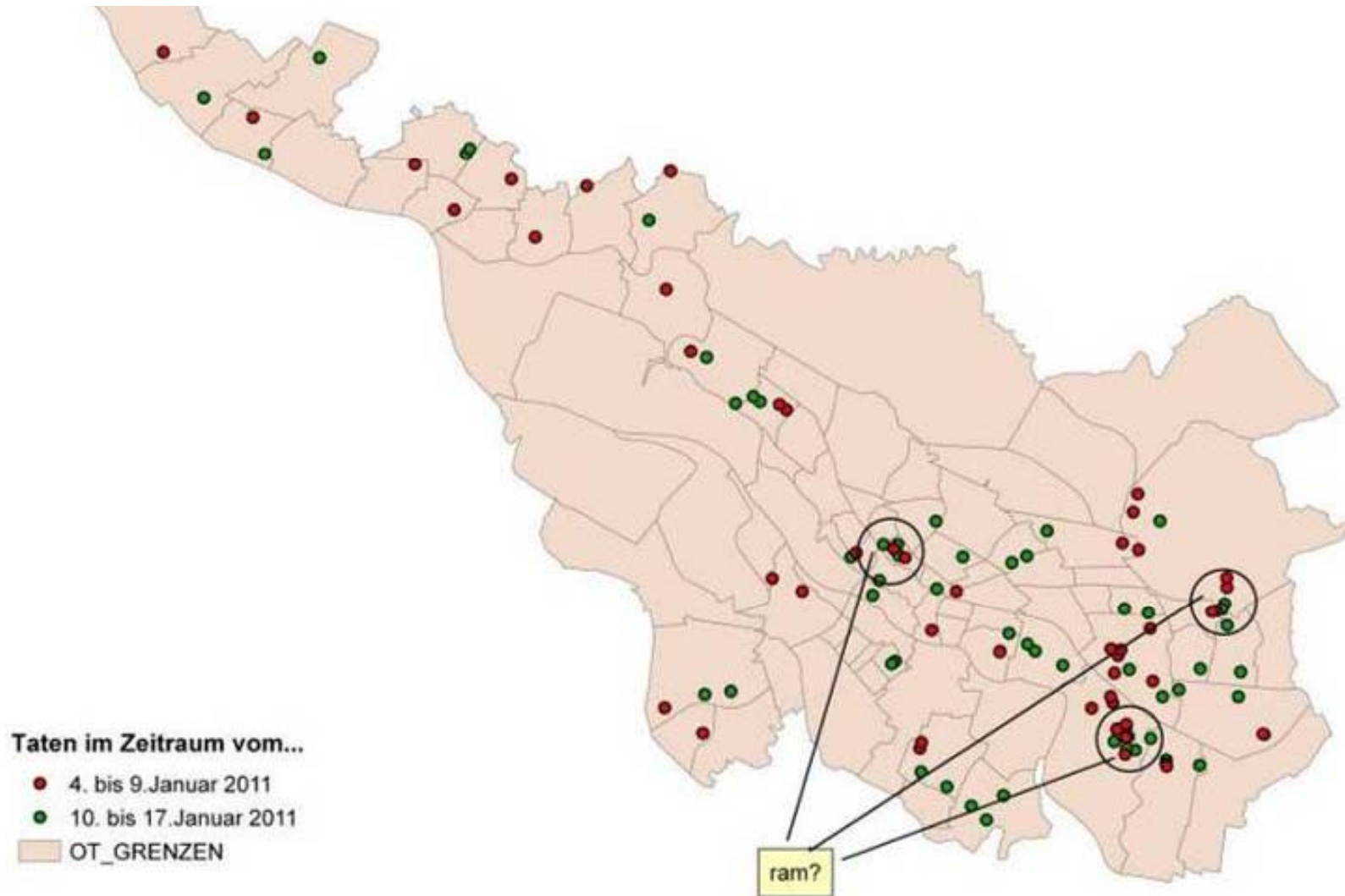


This and the next slides have been provided by by Ulrich.Goritzka@Polizei.Bremen.de

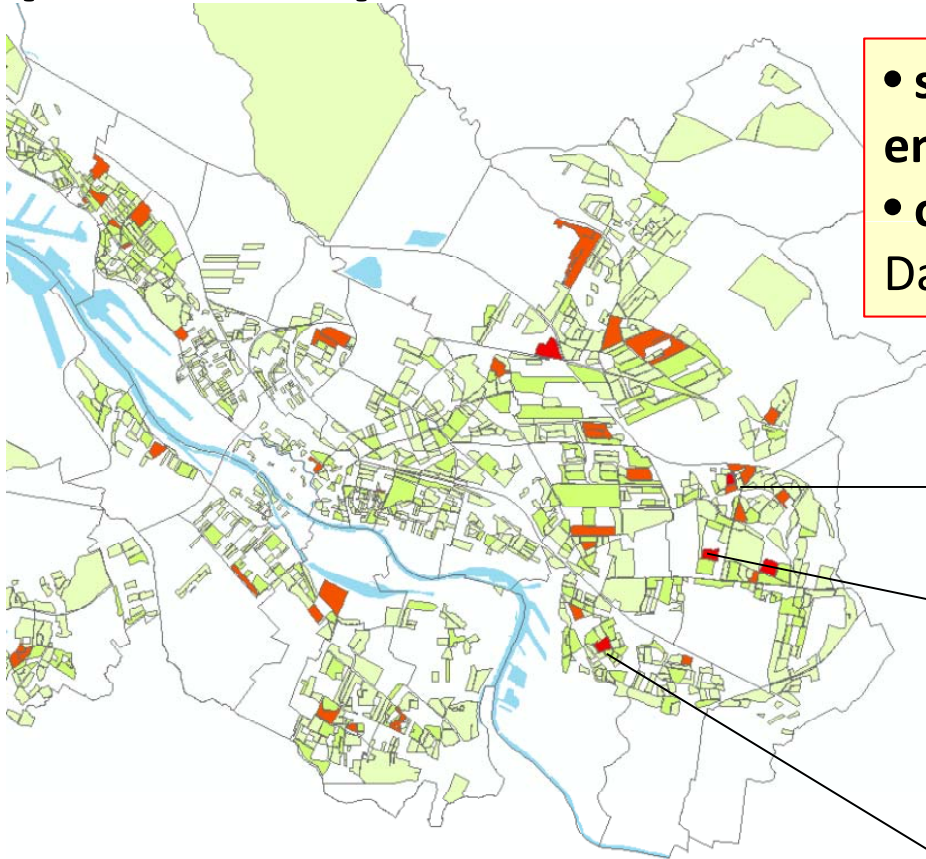
Crime scenes with and without suspect



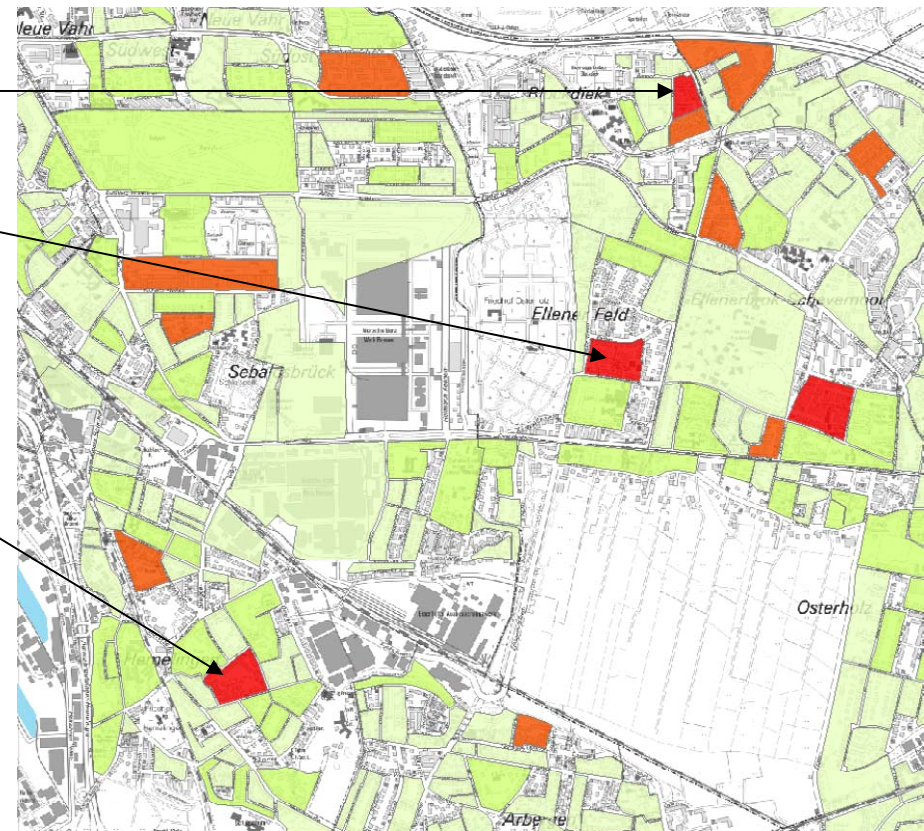
Crime Scenes: Space-Time Visualising and repeat adress mapping



City Blocks and focus points (micro units) (Bremen)



- specific characteristics of places inhibit or encourage crime
 - opportunity and social disorganisation cause crime
- David Weisburd, *The Criminology of Place*, p.164



**3 % of the addresses in Minneapolis produced
50% of all calls to the police (Weisburd, p. 9)**

City Blocks (micro units) (Bremen)



The „Top-Three“ of Bremen

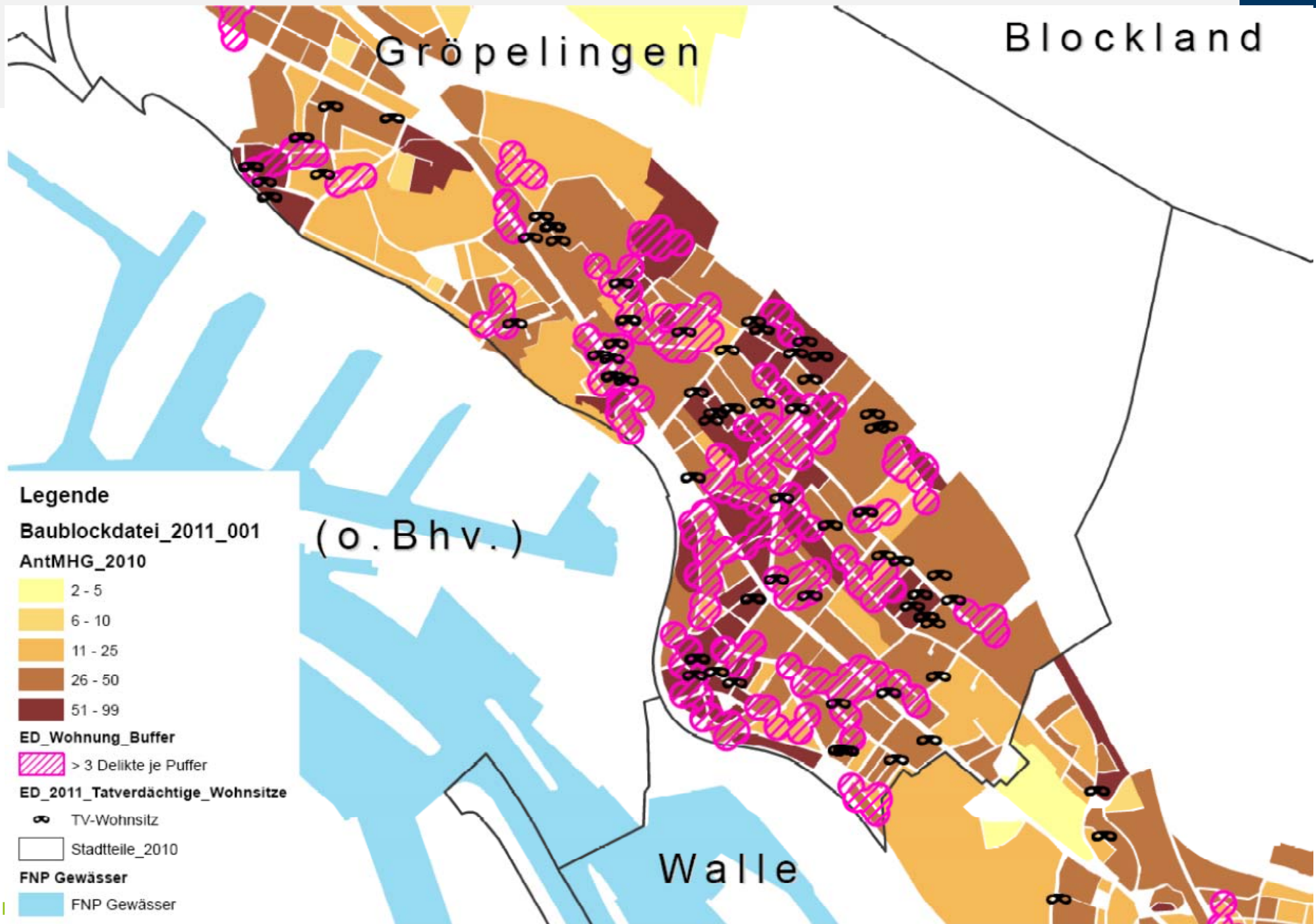


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Combination of crime and social data (Bremen)



At the End: Consequences?

- For police
- For public administration?
- For politicians?
- Other???