Crime Analysis Presentation

Friday, July 12, 2013

Carolyn Scheriff, Supervisor
Analytical Intelligence Section
Crime Analysis Unit/Watch Center

Presentation Outline

- Overview of Crime Analysis
  - Comstat Unit
  - Analytical Intelligence Section/Crime Analysis Unit
- Analyzing Crime in Baltimore City
- Real-time Analysis and Intelligence
- BPD Partnerships
  - City Hall/CitiStat
  - Local Universities and Research Groups
- General Public
- Questions and Answers
Crime Analysis

- **Comstat Unit:**
  - Creates weekly Comstat package with crime statistics to be reviewed by command staff.
  - Keeps officers informed of crime statistics.

- **Analytical Intelligence Section/Crime Analysis Unit:**
  - Concentrates on crimes that are an immediate threat to the community, such as homicides and shootings.
  - Focuses on real-time intelligence.
  - Links victims of crimes to suspects and other crimes.

BPD Data Sources

- Arrest Information
- Contact Receipts
  - Car Stops
  - Field Interviews
- Case Management Databases
  - Detective Notes
- Records Management System (RMS)
  - Incident Reports
  - Warrant Information
- Calls For Service
- Fingerprint Matches
- DNA matches
- Ballistic Matches
- Taxation and Assessment Information
- Telephone Call Records
- Emails / IP Address
- Financial Transactions
- Any Sourced Information
  - Intelligence from detectives
- License Plate Reader (LPR) Data
- Information obtained from Search & Seizure Warrants
- Custody Information
- Metro Crime Stopper Tips
- Intelligence Databases
- External Databases:
  - National Crime Information Center (NCIC)
  - Maryland Dashboard
  - Law Enforcement Information Exchange (LINX)
Comstat Unit

- **Principles of Comstat:**
  - Timely and accurate intelligence distributed to everyone.
  - Rapid deployment.
  - Effective tactics.
  - Relentless follow-up and assessment.
## Statistical Crime Data

### City Wide

<table>
<thead>
<tr>
<th>Crime</th>
<th>7-Day</th>
<th>14-Day</th>
<th>28-Day</th>
<th>YTD vs 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robbery</td>
<td>10</td>
<td>13</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Burglary</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Arson</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Total Violent Crime</td>
<td>146</td>
<td>158</td>
<td>150</td>
<td>153</td>
</tr>
<tr>
<td>Property Crime</td>
<td>376</td>
<td>385</td>
<td>377</td>
<td>378</td>
</tr>
<tr>
<td>Total Crime</td>
<td>371</td>
<td>378</td>
<td>370</td>
<td>371</td>
</tr>
</tbody>
</table>

### Gun Crimes

<table>
<thead>
<tr>
<th>Crime</th>
<th>7-Day</th>
<th>14-Day</th>
<th>28-Day</th>
<th>YTD vs 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robbery</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Burglary</td>
<td>2</td>
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<td>2</td>
</tr>
<tr>
<td>Arson</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Total Violent Crime</td>
<td>153</td>
<td>158</td>
<td>150</td>
<td>153</td>
</tr>
<tr>
<td>Property Crime</td>
<td>373</td>
<td>385</td>
<td>377</td>
<td>378</td>
</tr>
<tr>
<td>Total Crime</td>
<td>416</td>
<td>428</td>
<td>417</td>
<td>421</td>
</tr>
</tbody>
</table>

## Violent Crime - 28 Day

### By Region

<table>
<thead>
<tr>
<th>Region</th>
<th>2012</th>
<th>2013</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central</td>
<td>100</td>
<td>87</td>
<td>-17%</td>
</tr>
<tr>
<td>Southeast</td>
<td>85</td>
<td>80</td>
<td>-6%</td>
</tr>
<tr>
<td>Eastern</td>
<td>92</td>
<td>76</td>
<td>-15%</td>
</tr>
<tr>
<td>Northeast</td>
<td>105</td>
<td>88</td>
<td>-19%</td>
</tr>
<tr>
<td>Northwest</td>
<td>92</td>
<td>61</td>
<td>-31%</td>
</tr>
<tr>
<td>Western</td>
<td>71</td>
<td>58</td>
<td>-18%</td>
</tr>
<tr>
<td>Southern</td>
<td>77</td>
<td>68</td>
<td>-11%</td>
</tr>
<tr>
<td>Citywide</td>
<td>784</td>
<td>651</td>
<td>-17%</td>
</tr>
</tbody>
</table>

## Gun Crime - 28 Day

### By Region

<table>
<thead>
<tr>
<th>Region</th>
<th>2012</th>
<th>2013</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central</td>
<td>16</td>
<td>21</td>
<td>+31%</td>
</tr>
<tr>
<td>Southeast</td>
<td>29</td>
<td>20</td>
<td>-38%</td>
</tr>
<tr>
<td>Eastern</td>
<td>31</td>
<td>21</td>
<td>-32%</td>
</tr>
<tr>
<td>Northeast</td>
<td>38</td>
<td>33</td>
<td>-13%</td>
</tr>
<tr>
<td>Northern</td>
<td>39</td>
<td>35</td>
<td>-10%</td>
</tr>
<tr>
<td>Northwest</td>
<td>36</td>
<td>27</td>
<td>-25%</td>
</tr>
<tr>
<td>Western</td>
<td>18</td>
<td>17</td>
<td>-5%</td>
</tr>
<tr>
<td>Southern</td>
<td>20</td>
<td>20</td>
<td>0%</td>
</tr>
<tr>
<td>Citywide</td>
<td>222</td>
<td>171</td>
<td>-23%</td>
</tr>
</tbody>
</table>

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**7/15/2013**
Mapping and Probability

28 Day Crime by Shift
5/12/2013...6/8/2013

Significant Calls for Service and Enforcement Mapping
Predicting Violent Crime Trends

Analytical Intelligence Section
Violent Crime Analysis Reports

Link Analysis Charts
Link Analysis Charts

Follow-Up Reports

- Victim’s Information
- Criminal History
- Last Known Address
- Gang Affiliation
- Associates
- Links to Previous Violence
- Suspect’s Information (if known)
- Synopsis of the Incident
- Motives and Weapon Information
- Known Offenders in the Area
- Additional Intel
Crime Pattern Bulletins

Baltimore Police Department

Commercial Burglaries in the Post 511

<table>
<thead>
<tr>
<th>Number of Incidents</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Range</td>
<td>4/25/2013 to 5/27/2013</td>
</tr>
<tr>
<td>Time Range</td>
<td>Overnight</td>
</tr>
<tr>
<td>Weekday</td>
<td>Thursday and Friday nights. Two on same Sunday night.</td>
</tr>
<tr>
<td>General Location</td>
<td>Post 511</td>
</tr>
<tr>
<td>Property Taken</td>
<td>Cash Register, Jewelry</td>
</tr>
<tr>
<td>MO</td>
<td>Varied methods of entry, both forced and unforced</td>
</tr>
<tr>
<td>Analyst Note</td>
<td>A suspect is noted in 2/11 incident. A recently fired employee who may have still had keys to the store. A former employee would presumably have familiarity of the stores on the block and possible entry points.</td>
</tr>
</tbody>
</table>

BPD Partnerships
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- City Hall/CitiStat
  - Data sent to CitiStat weekly
  - Hiring/Attrition
  - Accidents/Fleet
  - Fiscal
- Monthly PoliceStat Meetings
  - Domestic Violence Stat
  - Gun Stat

- Local Universities and Research Groups
  - University of Baltimore and Baltimore Neighborhood Indicator Alliance (BNIA)
  - George Mason University
  - Washington College
  - Johns Hopkins University
  - University of Maryland
  - Towson University

- General Public
  - Open Baltimore – data.baltimorecity.gov
    - Part 1 Crime
    - Arrests
    - Gun Offenders
    - CitiWatch Camera Locations
  - Maryland Public Information Act
    - Must go through BPD Legal Department first

Questions and Answers
Contact Information

Carolyn Scheriff, Crime Analyst Supervisor
Baltimore City Police Department
Analytical Intelligence Section
Crime Analysis Unit/Watch Center
Office # (410) 396-2640

Physical Address: 601 E Fayette St
Baltimore, Maryland, 21202
Mailing Address: 242 W 29th St
Baltimore, Maryland, 21211