Crime Attractors & Risk Values

- Parking Lots (P1200): 2.6
- Grocery Stores (P1200): 2.4
- Abandoned Buildings (O800): 1.9
- At Risk Housing (P400): 1.7
- Schools (P1200): 1.6
- Liquor Stores (P1200): 1.5
- Restaurants (O400): 1.5
- ATMs (O400): 1.4

Crime Attractors are features of the environment that statistically relate to crime patterns. Interpret Risk Values as weighted influences of these features on criminal behaviors nearby. E.g., Places near attractors with a risk value of 6 are twice as vulnerable to crime compared to places near attractors with a risk value of 3. Use this information to form risk narratives about the situational contexts of crime and then develop intervention strategies to disrupt the narratives and mitigate risks. See riskterrainmodeling.com/risk-reduction.html

RTM Report - Newark, NJ

Diagnosis & Spatial Vulnerability Assessment for 2019
[Aggravated Assault]

Risk Terrain Modeling (RTM) diagnoses environmental conditions that influence behaviors and lead to crime outcomes. Use this assessment for problem-solving and to inform decisions about resource deployments, crime prevention and risk reduction strategies.

These risk terrain maps show vulnerable places for future crime. Deploy resources to focus on these places.

Top 5% of Highest-Risk Places

These risk terrain maps show vulnerable places for future crime. Deploy resources to focus on these places.

Top 1% of Highest-Risk Places

1485 Aggravated Assaults in 2018
704 Possibly Domestic Violence Related
512 Cases with a Weapon
$33k Est. local CJ & healthcare cost savings for EACH crime prevented

Predictive Validity

RTM predicted 5% of the city to be highest-risk in 2019. Predictive Accuracy Index (PAI) > 1 (greater than 1 is good). There is HIGH CONFIDENCE in the RTM forecasts.
RTM Report - Newark, NJ

Diagnosis & Spatial Vulnerability Assessment for 2019 in the South Ward [Aggravated Assault]

Risk Terrain Modeling (RTM) diagnoses environmental conditions that influence behaviors and lead to crime outcomes. Use this assessment for problem-solving and to inform decisions about resource deployments, crime prevention and risk reduction strategies.

These risk terrain maps show vulnerable places for future crime. Deploy resources to focus on these places.

**Crime Attractors & Risk Values**

- Abandoned Buildings (P800): 8.7
- Laundromats (D400): 2
- Pawn Shops (D800): 2
- Grocery Stores (P1200): 2
- At Risk Housing (D800): 1.8
- ATMs (D400): 1.8

**Crime Attractors** are features of the environment that statistically relate to crime patterns. Interpret **Risk Values** as weighted influences of these features on criminal behaviors nearby. E.g., Places near attractors with a risk value of 6 are twice as vulnerable to crime compared to places near attractors with a risk value of 3. Use this information to form risk narratives about the situational contexts of crime and then develop intervention strategies to disrupt the narratives and mitigate risks. See riskterrainmodeling.com/risk-reduction.html

**Top 5% of Highest-Risk Places**

**Top 1% of Highest-Risk Places**

**Predictive Validity**

RTM predicted 3.8% of the South Ward to be highest-risk in 2019. Predictive Accuracy Index (PAI) > 1 (greater than 1 is good). **There is HIGH CONFIDENCE in the RTM forecasts.**
Crime Attractors & Risk Values

Restaurants (P1200) - 10.5
At Risk Housing (D400) - 9.3
Check Cashing Svcs (D400) - 3.4
ATMs (D400) - 3.3
Clubs (P1200) - 2.6
Pharmacies (P1200) - 2.2

Risk Terrain Modeling (RTM) diagnoses environmental conditions that influence behaviors and lead to crime outcomes. Use this assessment for problem-solving and to inform decisions about resource deployments, crime prevention and risk reduction strategies.

Diagnosis & Spatial Vulnerability Assessment for 2019 in the East Ward

[Aggravated Assault]

These risk terrain maps show vulnerable places for future crime. Deploy resources to focus on these places.

Crime Attractors are features of the environment that statistically relate to crime patterns. Interpret Risk Values as weighted influences of these features on criminal behaviors nearby. E.g., Places near attractors with a risk value of 6 are twice as vulnerable to crime compared to places near attractors with a risk value of 3. Use this information to form risk narratives about the situational contexts of crime and then develop intervention strategies to disrupt the narratives and mitigate risks. See riskterrainmodeling.com/risk-reduction.html

Predictive Validity

RTM predicted 4.9% of the East Ward to be highest-risk in 2019. Predictive Accuracy Index (PAI) > 1 (greater than 1 is good). There is HIGH CONFIDENCE in the RTM forecasts.

147 Aggravated Assaults in 2018
704 CFS for Disorder, Mischief & Trespass
1197 CFS for Drugs
120 Abandoned Buildings
Crime Attractors & Risk Values

- Pawn Shops (D1200) 2.3
- Grocery Stores (D1200) 1.8
- At Risk Housing (D400) 1.7
- Liquor Stores (P400) 1.7
- Abandoned Buildings (P400) 1.4

These risk terrain maps show vulnerable places for future crime. Deploy resources to focus on these places.

Top 5% of Highest-Risk Places

Top 1% of Highest-Risk Places

Risk Terrain Modeling (RTM) diagnoses environmental conditions that influence behaviors and lead to crime outcomes. Use this assessment for problem-solving and to inform decisions about resource deployments, crime prevention and risk reduction strategies.

Crime Attractors are features of the environment that statistically relate to crime patterns. Interpret Risk Values as weighted influences of these features on criminal behaviors nearby. E.g., Places near attractors with a risk value of 6 are twice as vulnerable to crime compared to places near attractors with a risk value of 3. Use this information to form risk narratives about the situational contexts of crime and then develop intervention strategies to disrupt the narratives and mitigate risks. See riskterrainmodeling.com/risk-reduction.html

By RTMinsights.com | Data Source: NPD, InfoGroup

Predictive Validity
RTM predicted 3.3% of the West Ward to be highest-risk in 2019. Predictive Accuracy Index (PAI) > 1 (greater than 1 is good). There is HIGH CONFIDENCE in the RTM forecasts.
RTM Report - Newark, NJ

Diagnosis & Spatial Vulnerability Assessment for 2019 in the Central Ward
[Aggravated Assault]

Risk Terrain Modeling (RTM) diagnoses environmental conditions that influence behaviors and lead to crime outcomes. Use this assessment for problem-solving and to inform decisions about resource deployments, crime prevention and risk reduction strategies.

These risk terrain maps show vulnerable places for future crime. Deploy resources to focus on these places.

Crime Attractors & Risk Values

- Liquor Stores (P1200): Risk Value = 2.1
- At Risk Housing (D400): Risk Value = 1.9
- ATMs (D400): Risk Value = 1.9
- Abandoned Buildings (D800): Risk Value = 1.9
- Restaurants (P800): Risk Value = 1.6
- Grocery Stores (P800): Risk Value = 1.6
- NHA Public Housing (P1200): Risk Value = 1.5

Crime Attractors are features of the environment that statistically relate to crime patterns. Interpret Risk Values as weighted influences of these features on criminal behaviors nearby. E.g., Places near attractors with a risk value of 6 are twice as vulnerable to crime compared to places near attractors with a risk value of 3. Use this information to form risk narratives about the situational contexts of crime and then develop intervention strategies to disrupt the narratives and mitigate risks. See riskterrainmodeling.com/risk-reduction.html

Focus on these risk factors at risky places.

Top 5% of Highest-Risk Places

Top 1% of Highest-Risk Places

Crime Attractors & Risk Values

- Liquor Stores (P1200)
- At Risk Housing (D400)
- ATMs (D400)
- Abandoned Buildings (D800)
- Restaurants (P800)
- Grocery Stores (P800)
- NHA Public Housing (P1200)

Focus on these risk factors at risky places.

Predictive Validity

RTM predicted 3.9% of the Central Ward to be highest-risk in 2019. Predictive Accuracy Index (PAI) > 1 (greater than 1 is good). There is HIGH CONFIDENCE in the RTM forecasts.

326 Aggravated Assaults in 2018
5172 CFS for Disorder, Mischief & Trespass
2240 CFS for Drugs
188 Abandoned Buildings

By RTMInsights.com | Data Source: NPD, InfoGroup
Risk Terrain Modeling (RTM) diagnoses environmental conditions that influence behaviors and lead to crime outcomes. Use this assessment for problem-solving and to inform decisions about resource deployments, crime prevention and risk reduction strategies.

These risk terrain maps show vulnerable places for future crime. Deploy resources to focus on these places.

Crime Attractors & Risk Values

<table>
<thead>
<tr>
<th>Crime Attractor</th>
<th>Risk Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHA Public Housing</td>
<td>3.5</td>
</tr>
<tr>
<td>Jewelry Stores</td>
<td>3.4</td>
</tr>
<tr>
<td>Pharmacies</td>
<td>2.6</td>
</tr>
<tr>
<td>Schools</td>
<td>2.3</td>
</tr>
<tr>
<td>Grocery Stores</td>
<td>2.3</td>
</tr>
<tr>
<td>Bars</td>
<td>2.2</td>
</tr>
</tbody>
</table>

**Crime Attractors** are features of the environment that statistically relate to crime patterns. Interpret **Risk Values** as weighted influences of these features on criminal behaviors nearby. E.g., Places near attractors with a risk value of 6 are twice as vulnerable to crime compared to places near attractors with a risk value of 3. Use this information to form risk narratives about the situational contexts of crime and then develop intervention strategies to disrupt the narratives and mitigate risks. See riskterrainmodeling.com/risk-reduction.html.

**Predictive Validity**

RTM predicted 3.1% of the North Ward to be highest-risk in 2019. Predictive Accuracy Index (PAI) > 1 (greater than 1 is good). There is HIGH CONFIDENCE in the RTM forecasts.