

Assessing the Impact of Gambling on Public Safety in Massachusetts

UPDATES ON PLAINRIDGE PARK, MGM
SPRINGFIELD, AND ENCORE

Christopher W. Bruce

Crime analysis consultant



Methodology

Data collected from records systems of participating agencies in each casino area.

Merged and translated into common database.

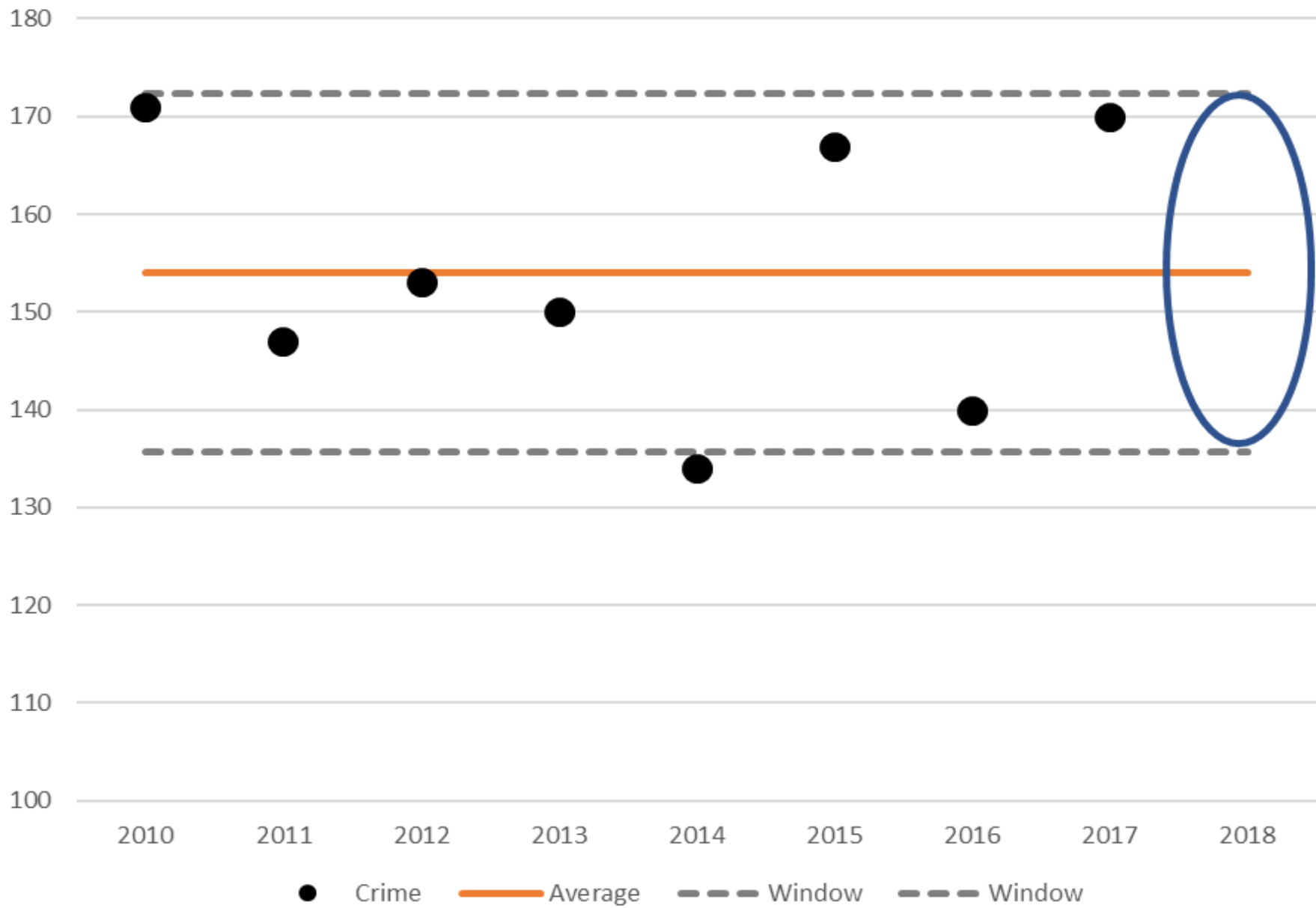
Four-month, eight-month, and one-year periods compared to baseline periods

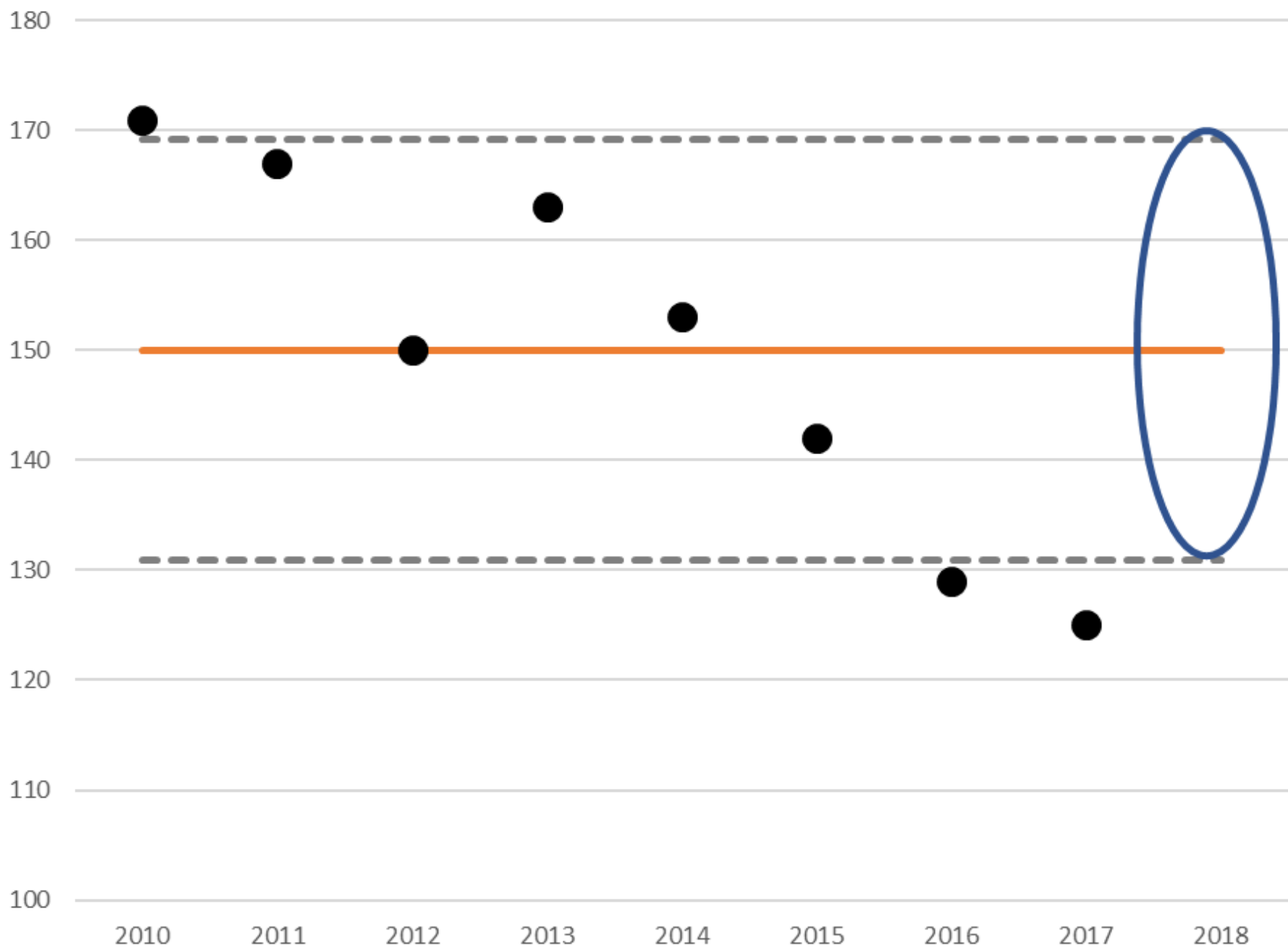
Different statistical methods used depending on whether crime already showed a trend.

Any category significantly higher than normal fully analyzed with collected data, plus some questions back to participating agencies

Meetings held with area chiefs and analysts to review findings

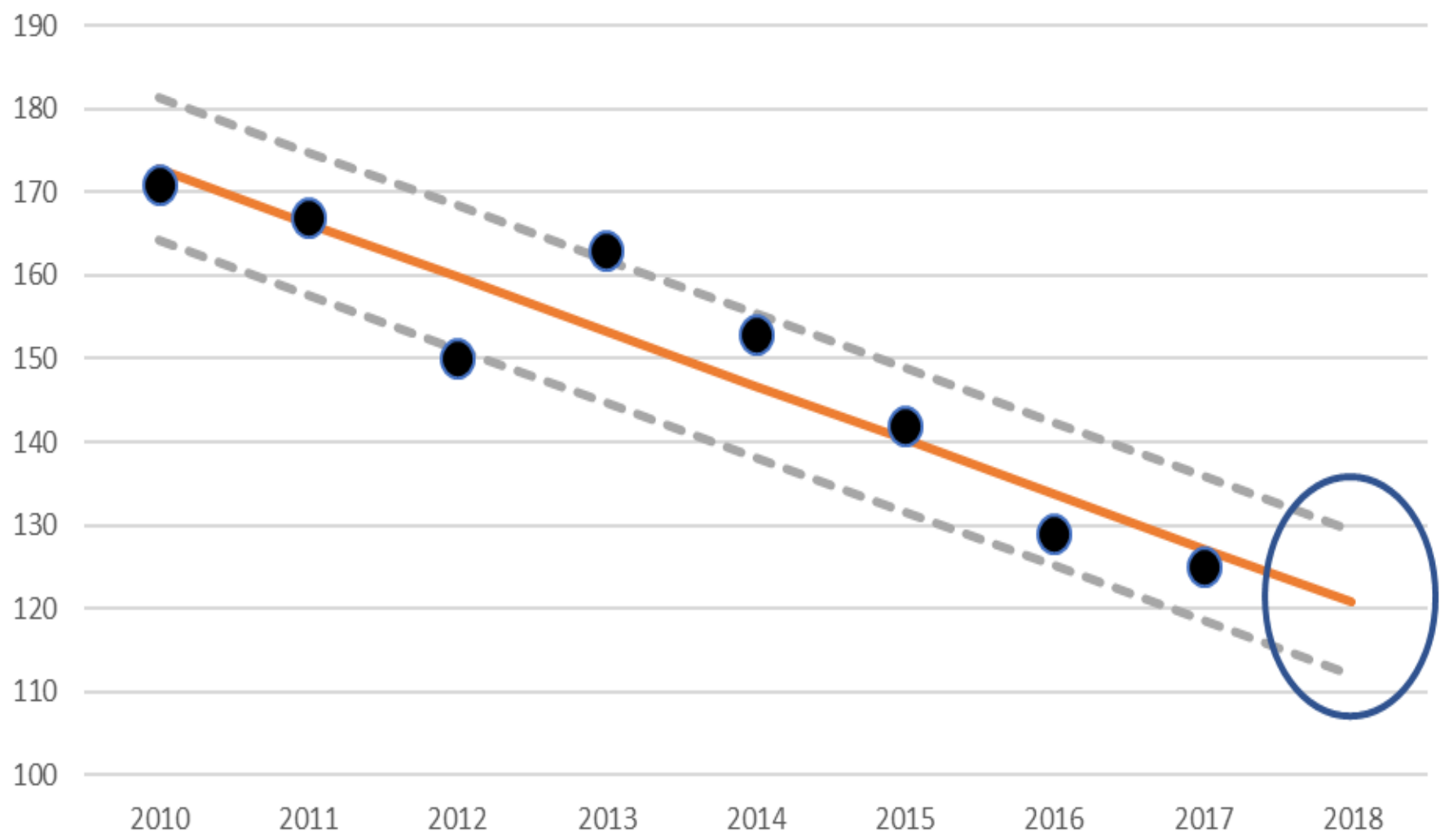
Forecasting a Crime with No Trend





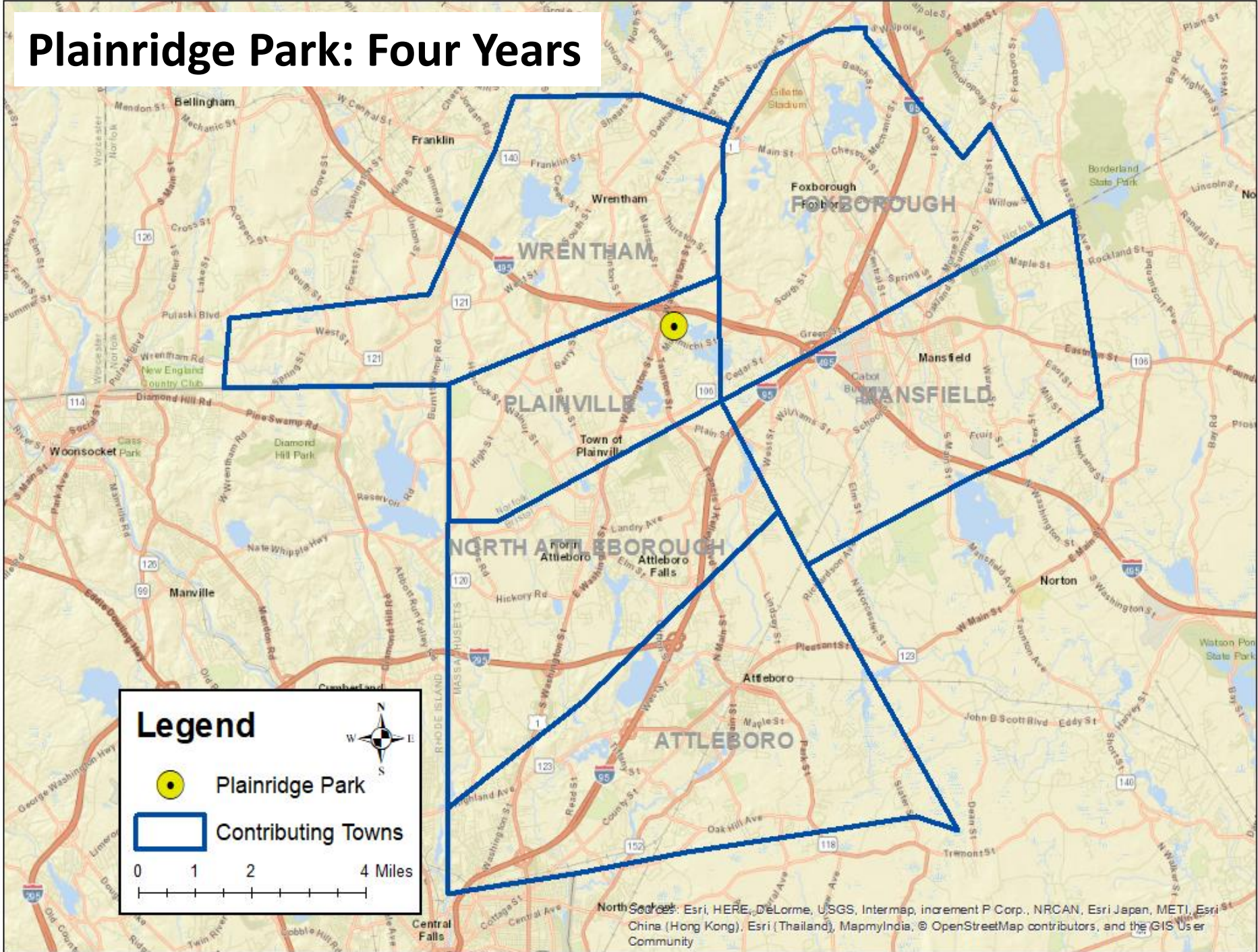
● Crime — Average - - - Window - - - Window

Forecasting a Crime with a Trend



● Crime — Trend - - - Window - - - Window

Plainridge Park: Four Years



Major findings

Violent crime up in area, property and total crimes down

Incidents at the casino itself led to a 7% increase in property crime and a 9% increase in total crime in Plainville

Total arrests/charges down significantly, particularly for liquor offenses

In the surrounding area, increases “likely” related to PPC:

- Credit card fraud throughout region during first year
- Some drunk and disorderly behavior at Plainville Commons during first year
- Traffic collisions on feeder routes in several communities
- “Lost property” calls in Plainville
- “Suspicious activity” calls in Plainville
- Traffic/parking complaints in Plainville
- Perhaps mild increase in drunk driving
- One burglary pattern, despite burglary being down for the area

Troubling trends (non-PPC)

Increases in fraud

- Telephone scams in particular (IRS, credit bureau, family in trouble)
- Overpayment in online purchases
- A lot of mis-coding in this category (~20%)

Increases in identity theft

- Mirrors state increase

Increases in domestic simple assault and “family offenses”

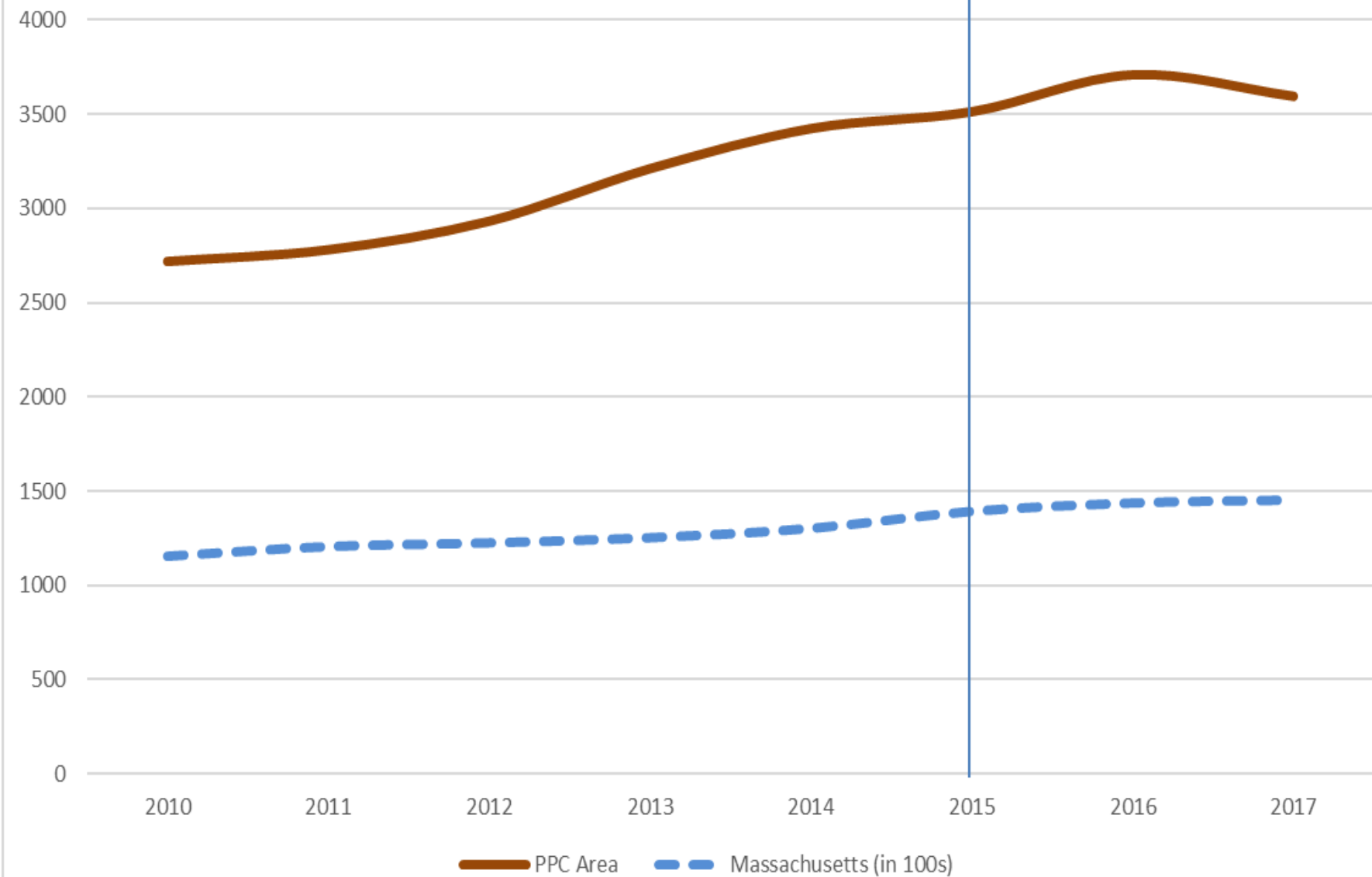
Wrentham: Premium Outlets

Selected crimes and calls

| Type | Pre-PPC Avg. | 85% Window | Post-PPC Avg. |
|-----------------------|--------------|------------|---------------|
| Robbery | 33.0 | 21–45 | 22.3 |
| Simple Assault | 607.4 | 537–678 | 680.3 |
| Burglary | 516.0 | 384–648 | 277.0 |
| Thefts from Vehicles | 311.4 | 167–456 | 260.0 |
| Auto Theft | 109.4 | 94–125 | 78.5 |
| Credit Card Fraud | 82–126 | 14.87 | 126.5 |
| Fraud/Con Games | 139.0 | 125–153 | 197.3 |
| Drug Offenses | 226.0 | 204–248 | 172.8 |
| Liquor Law Violations | 418.0 | 201–645 | 90.3 |
| Drunk Driving | 269.6 | 226–314 | 263.3 |
| Traffic Collisions | 4583.2 | 4309–4857 | 5178.5 |

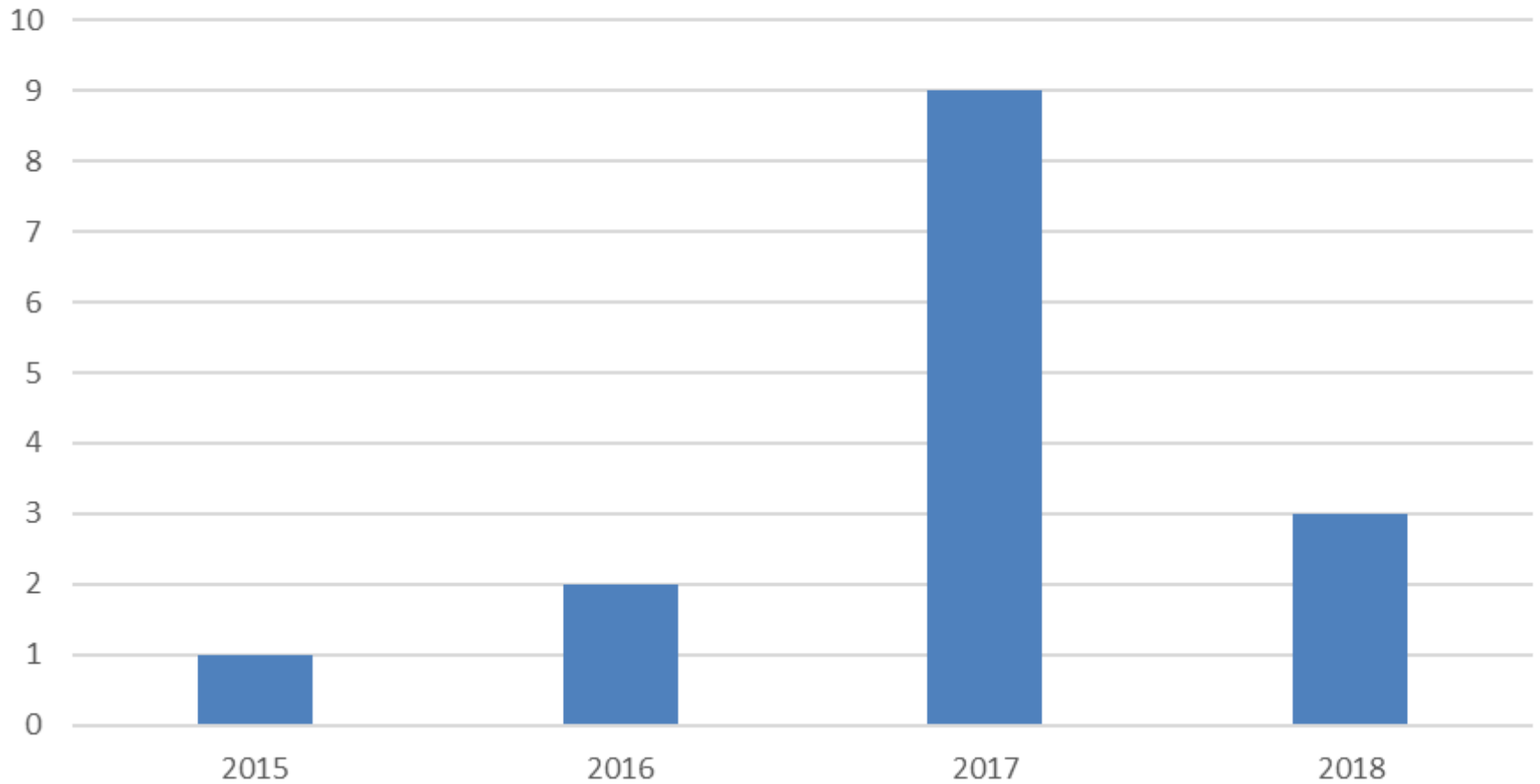
State-Reported Traffic Collisions 2010-2016

PPC Opens



ABCC reported “Last Drinks”

Last Drinks reported at Plainridge Park



Crashes resulting in drunk driving charges

| Category | Pre-PPC Avg. | Window | 2016 | 2017 | 2018 | 2019 | Post-PPC Avg |
|------------|--------------|--------|------|------|------|------|--------------|
| Attleboro | 24.4 | 5–13 | 5 | 13 | 5 | 26 | 12.3 |
| Foxborough | 15.2 | 12–18 | 11 | 22 | 11 | 21 | 16.3 |
| Mansfield | 14.2 | 11–17 | 18 | 21 | 8 | 23 | 17.5 |
| Plainville | 5.6 | 3–8 | 11 | 4 | 6 | 7 | 7.0 |
| Wrentham | 2.8 | 2–4 | 2 | 5 | 1 | 0 | 2.0 |
| Total | 62.2 | 56–68 | 47 | 65 | 31 | 77 | 55.0 |

Contribution of Plainridge Park is probably mild compared to Patriot Place

Burglary pattern

| Date & Times | Town | Street | Notes |
|--|----------|----------------|--|
| 10/03/2017 (Tue) 01:45 | Norton | Newland St | Crept in house, woke up owners who chased him out |
| 10/03/2017 (Tue) 03:15 | Norton | Middlesex Ave | Let dog out |
| 10/03/2017 (Tue) | Norton | James St | |
| 10/08/2017 (Sun) 23:45 | Wrentham | Lloyd Ave | Residents heard movement on porch and opened screen door |
| 10/09/2017 (Mon) 01:35 | Wrentham | Lloyd Ave | Opened unlocked screen door, confronted by resident, fled. |
| 10/08/2017 (Sun) 22:15– 10/9/2017 (Mon) 02:30 | Wrentham | Ames Ave | Sneaked in unlocked door and stole \$250 cash from wallet |
| 10/11/2017 (Wed) 03:00 | Easton | Hearthstone Rd | Residents awoke and held him at knifepoint. Arrested. |

PPC 4-year summary

No increase, and in fact significant decreases, in classic profit-motivated “predatory” crimes like robbery, burglary, and auto theft

Increase in violent crime, particularly domestic violence, but probably not related to PPC

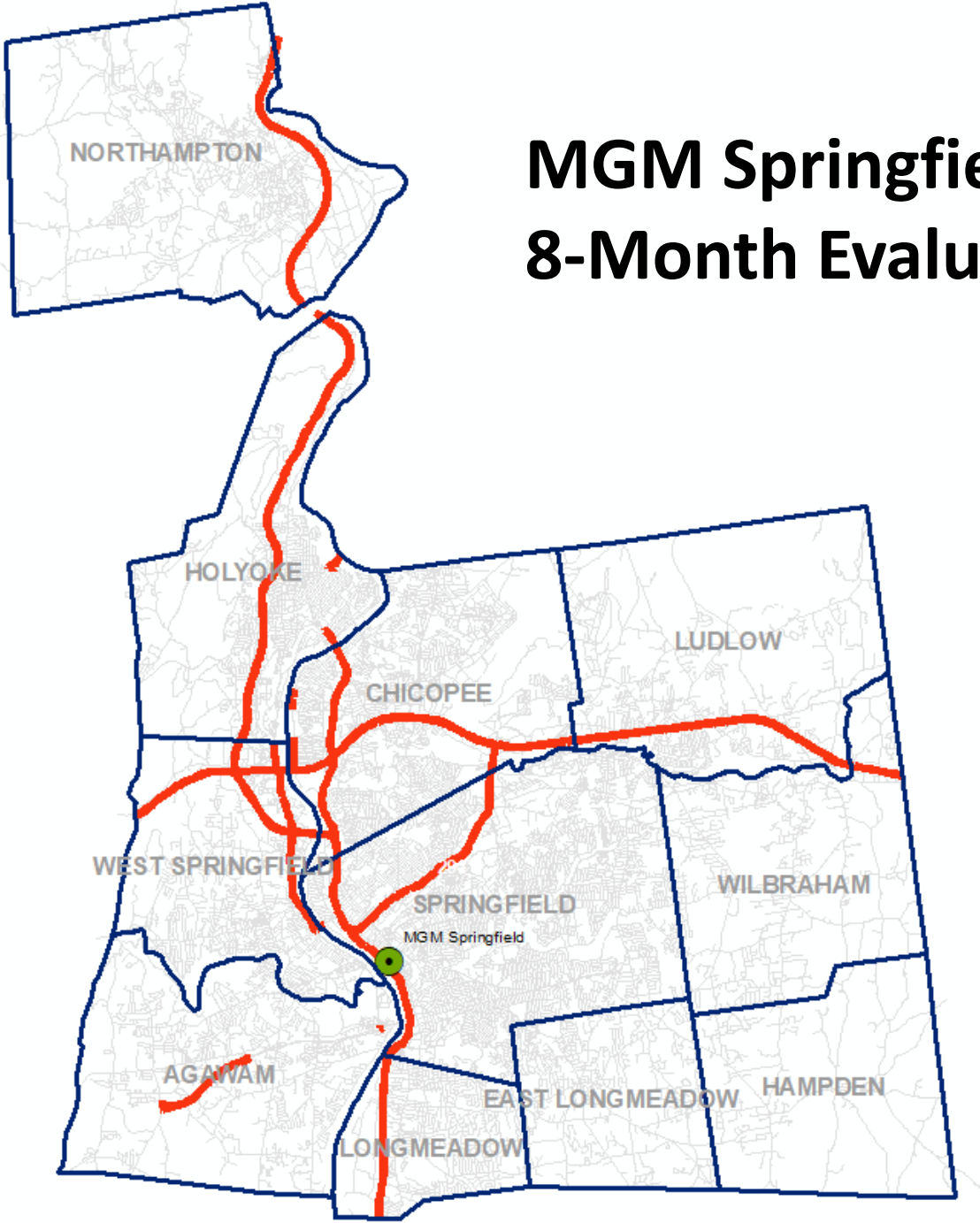
Increase in fraud-related crimes seems to be state trend

Mild increases in visitor-driven calls like lost property, suspicious activity, and traffic complaints

Mild increase in minor traffic collisions

PPC-specific influence becoming increasingly hard to separate from general growth of the area, including expansion of Patriot Place and increased traffic to Wrentham outlets

MGM Springfield 8-Month Evaluation



Major findings

Violent crime, property crime, and total crime were all below average and within expected ranges during the period across the communities.

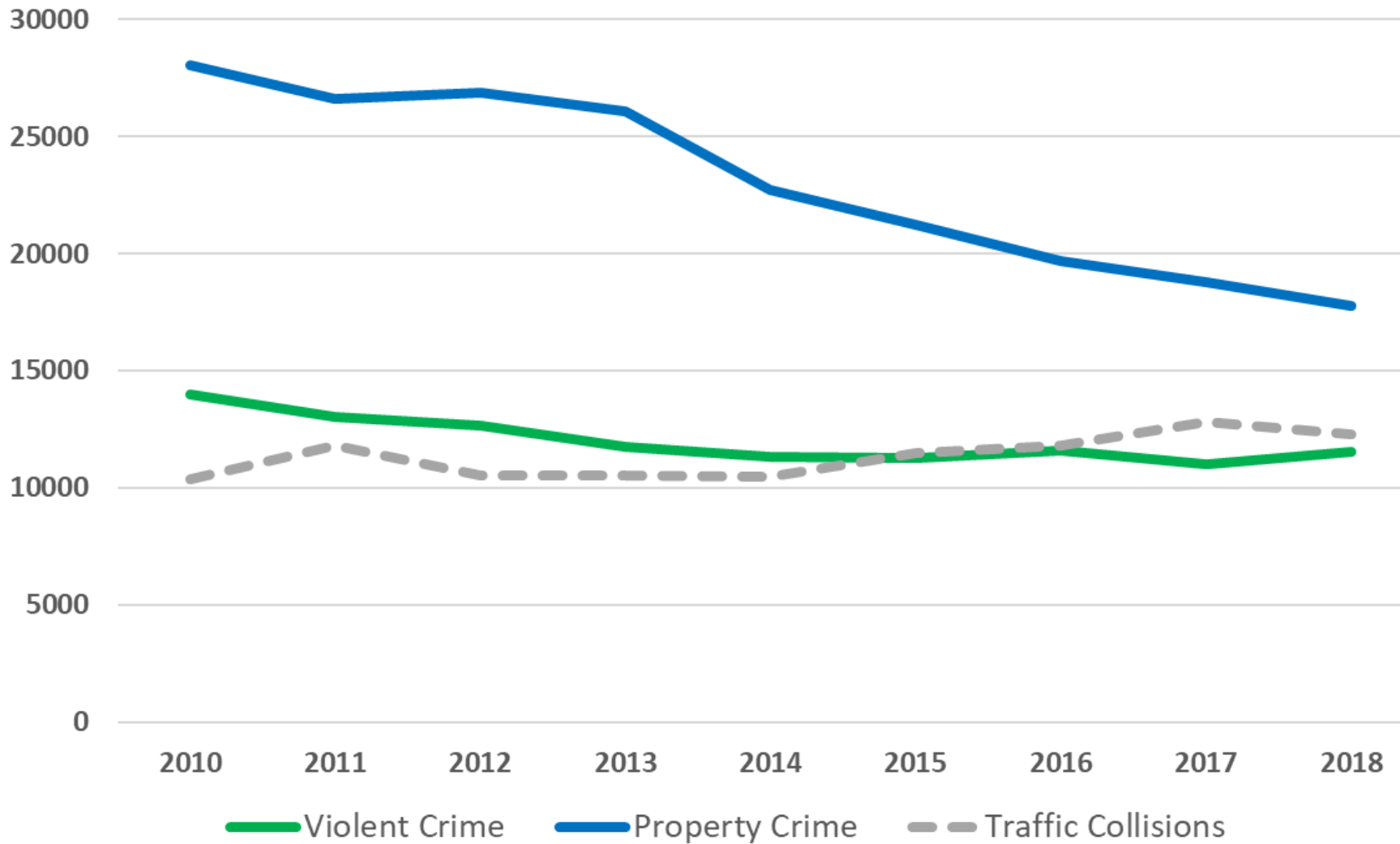
Incidents at the casino itself led to a 2% increase in violent crime, a 2% increase in property crime, a 2% increase in total crime, and a 1% increase in calls for service in Springfield.

MGM Springfield was the top crime and call-for-service location in the region during this period.

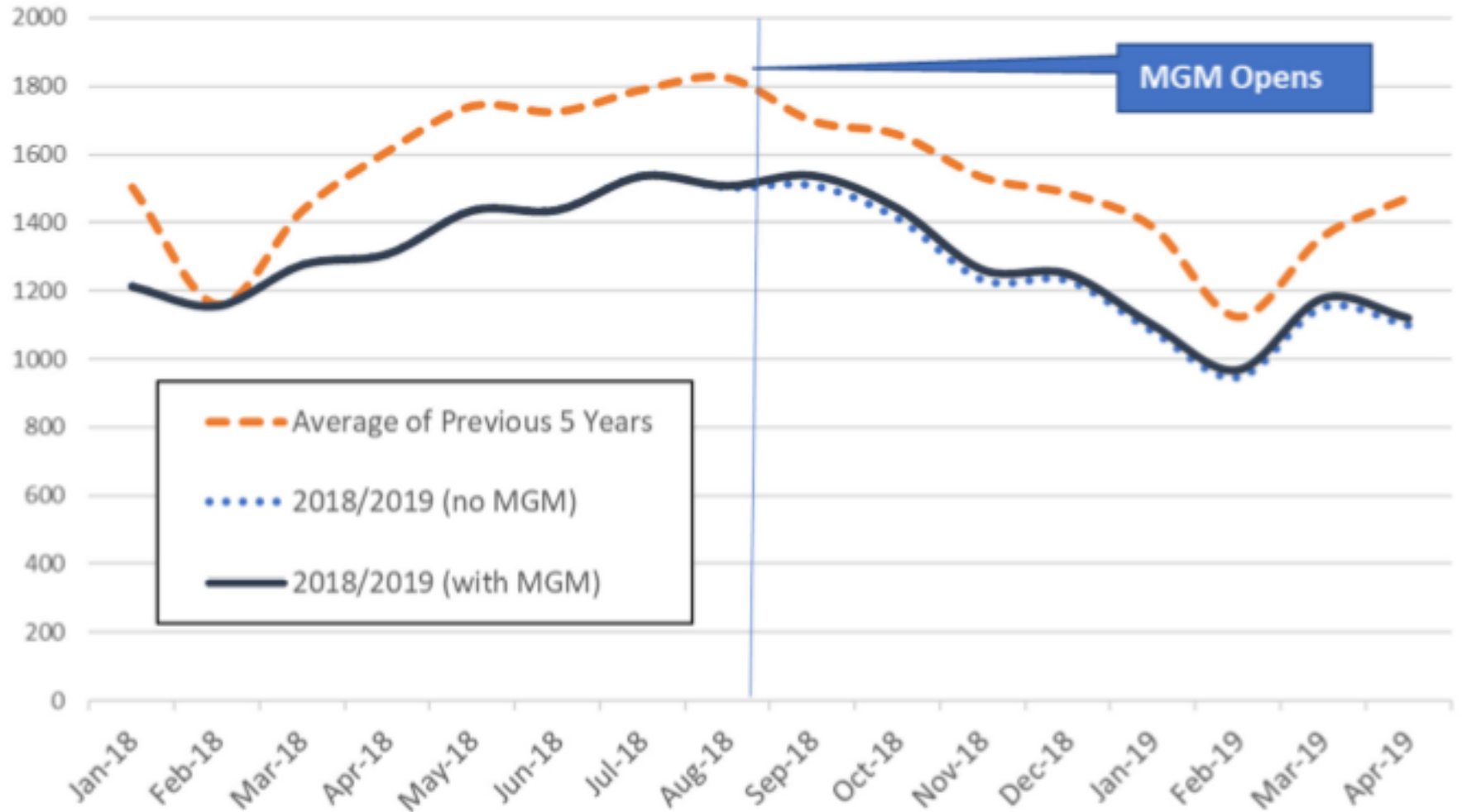
In the surrounding area, increases “likely” related to MGM:

- Increase in collisions and traffic-related calls for service on state highways and local roads south and west of MGM (Agawam, West Springfield)
- Increase in general service and lost property calls
- Increase at Union Station
- Minor disorder and suspicious activity across bridges in West Springfield

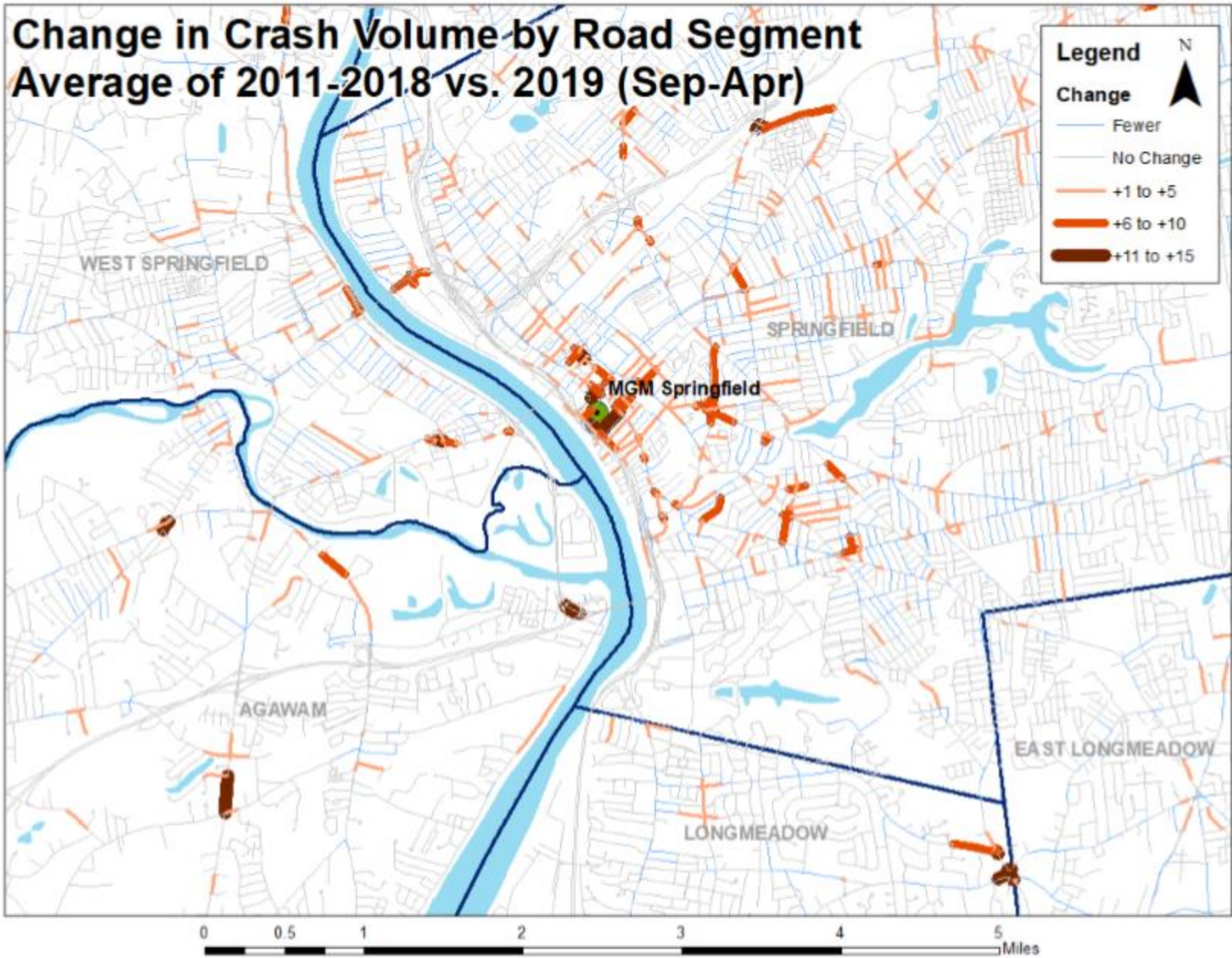
Springfield Area Trends 2010-2018



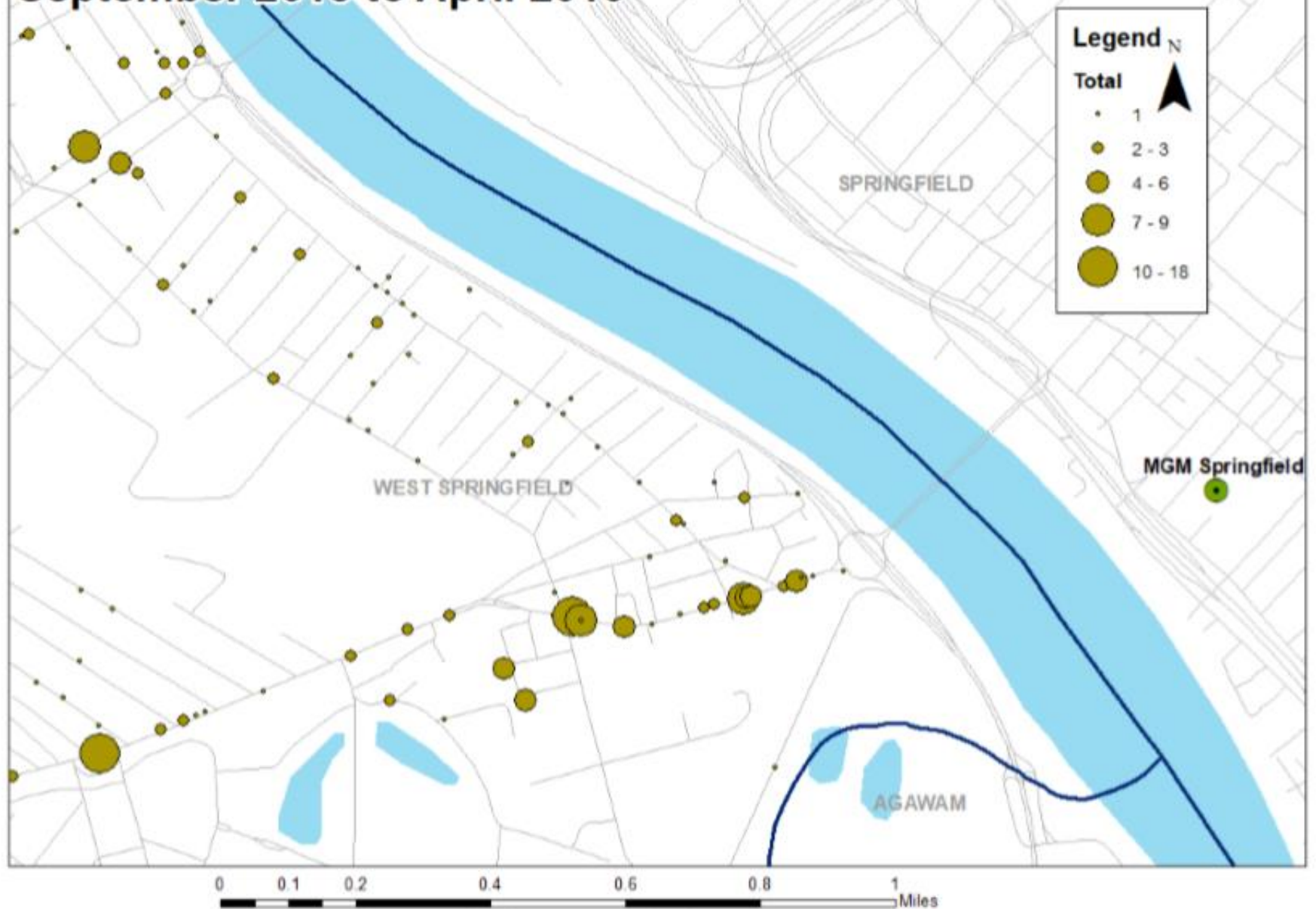
Crimes by Month in Springfield-Area Communities



Change in Crash Volume by Road Segment Average of 2011-2018 vs. 2019 (Sep-Apr)



Suspicious Activity Calls for Service in West Springfield September 2018 to April 2019








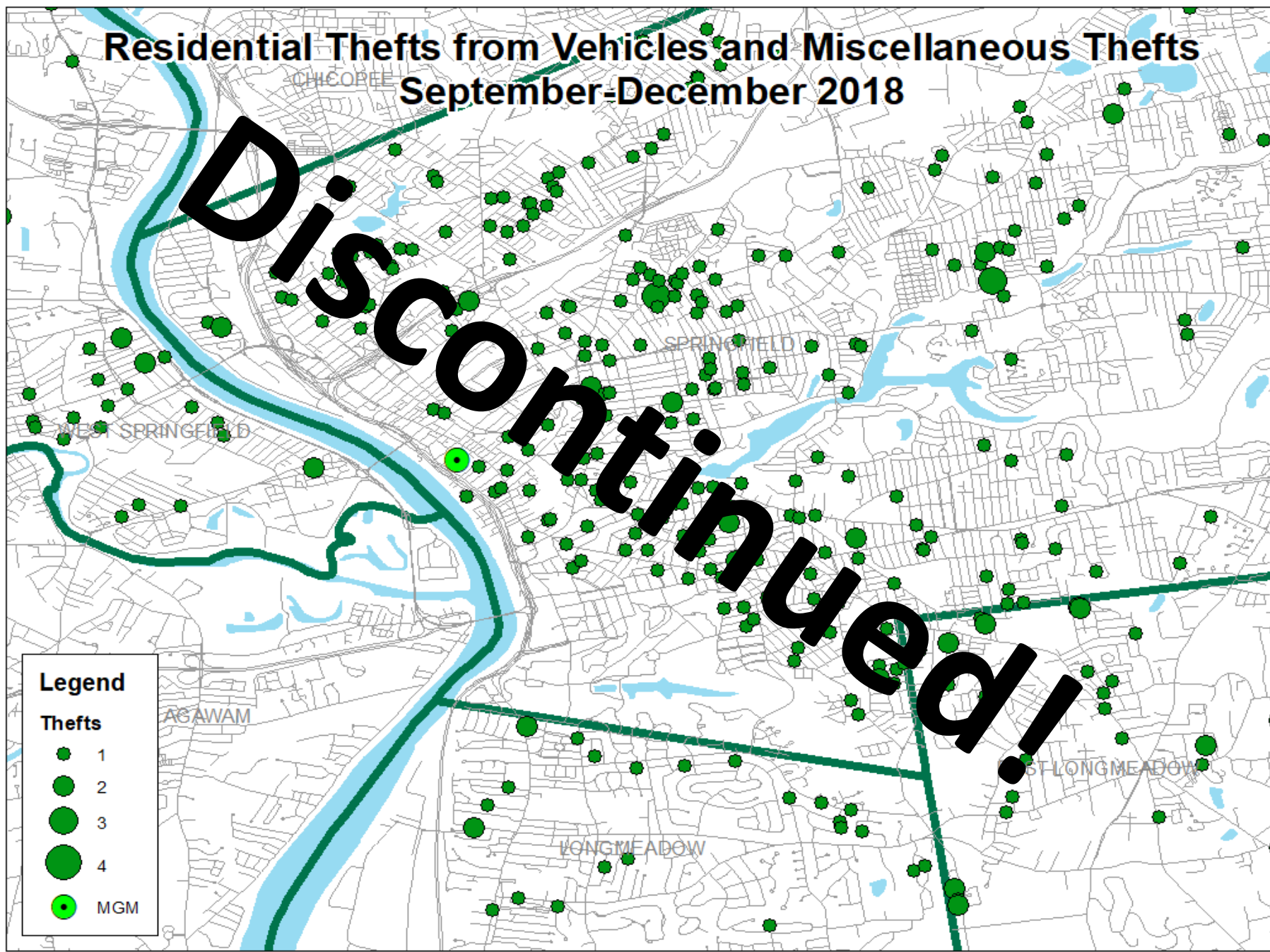
Residential Thefts from Vehicles and Miscellaneous Thefts September-December 2018

Discontinued!

Legend

Thefts

-  1
-  2
-  3
-  4
-  MGM



West Springfield Purse Snatching

Discontinued!





In surrounding neighborhoods, only kidnapping and extortion high. Robbery, burglary, auto theft, vandalism all low

Only high crime on MGM block is disorderly conduct

High crimes in metro center include thefts from persons, thefts from buildings, fraud
Assaults, threats, prostitution, trespassing all low

Other Notes

Trends unlikely to be related to MGM

- Increases in “pornography” in several communities
 - Sexting among teenagers
- Increases in domestic violence and domestic disputes in Agawam, Ludlow, Longmeadow

Miscellaneous

- Overall arrests are well within expected range, even including MGM
- No significant increase at gas stations, hotels, restaurants
- Getting “last drink” data for future reports
- Amtrak Police expressed early willingness but have not committed
- Looking to get traffic volume statistics

MGM 8-month summary

Attractive and suppressive factors seem to have canceled each other out in metro center, leaving little change in crime immediately surrounding the casino.

Traffic collisions and traffic-related calls for service seem to be increasing to south and west, particularly Agawam and West Springfield





Property crime patterns identified in the 4-month report did not recur, possibly because of law enforcement response

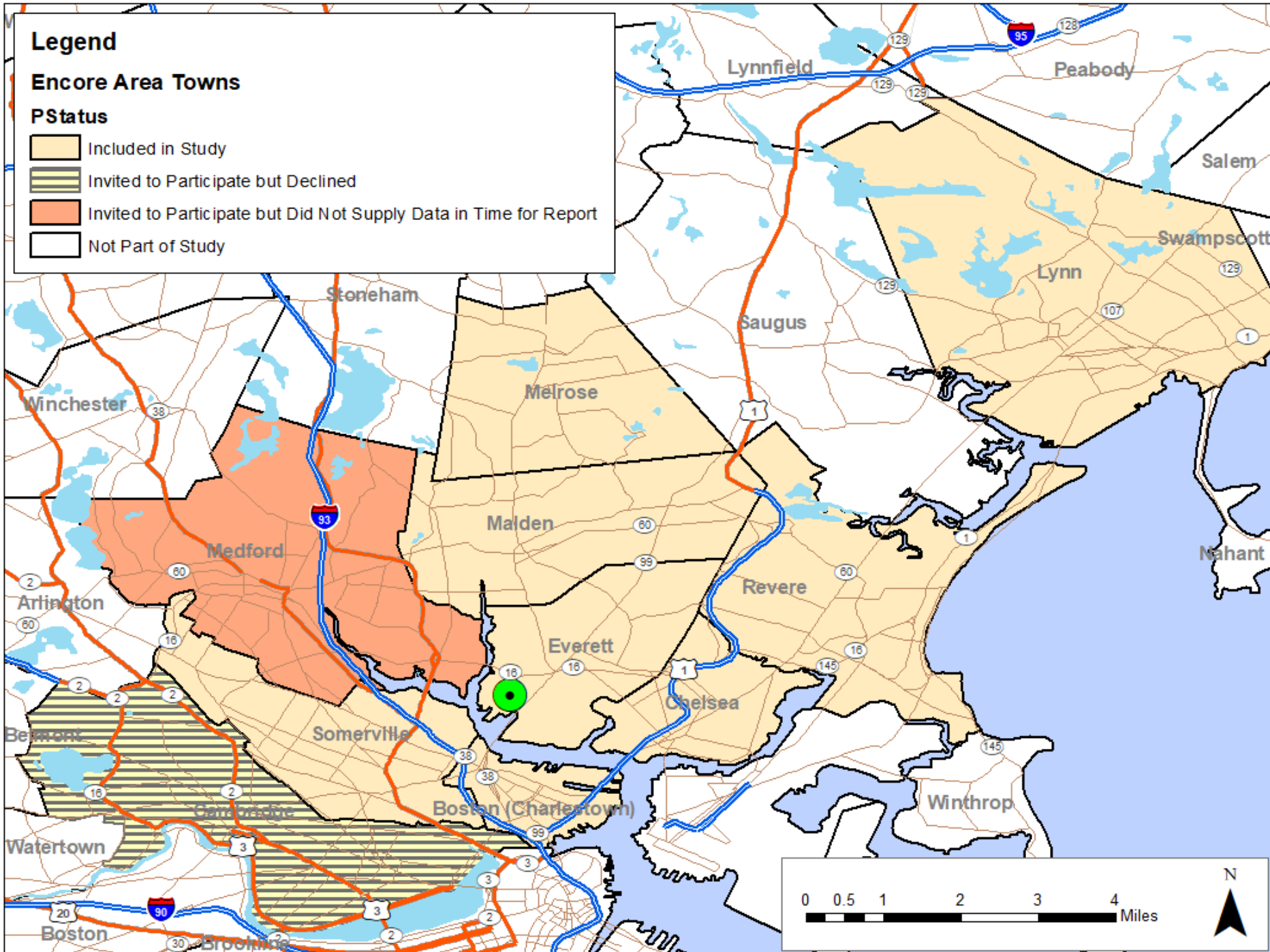
Future reports will look more heavily at drunk driving collisions, specific geographies, activity at hotels, and activity following special events

Legend

Encore Area Towns

PStatus

-  Included in Study
-  Invited to Participate but Declined
-  Invited to Participate but Did Not Supply Data in Time for Report
-  Not Part of Study



Dataset figures

8 agencies

Data from 01/01/2012

Total population of 430,000 (2018)

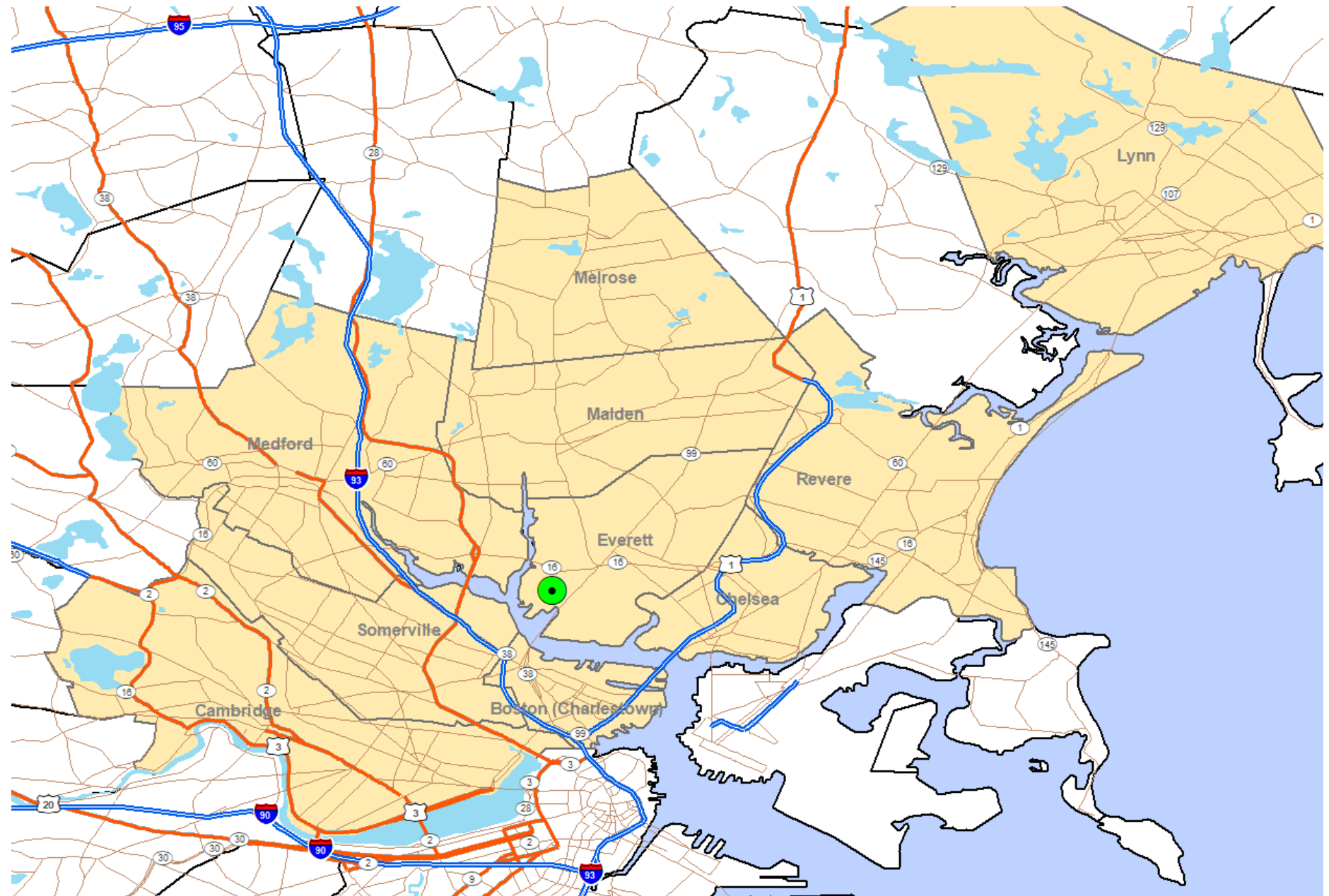
68,987

277,156 RMS incidents

2,355,263 calls for service

44,298 traffic collisions (6 agencies only)

150,137 unique addresses (88.4% geocoding rate)



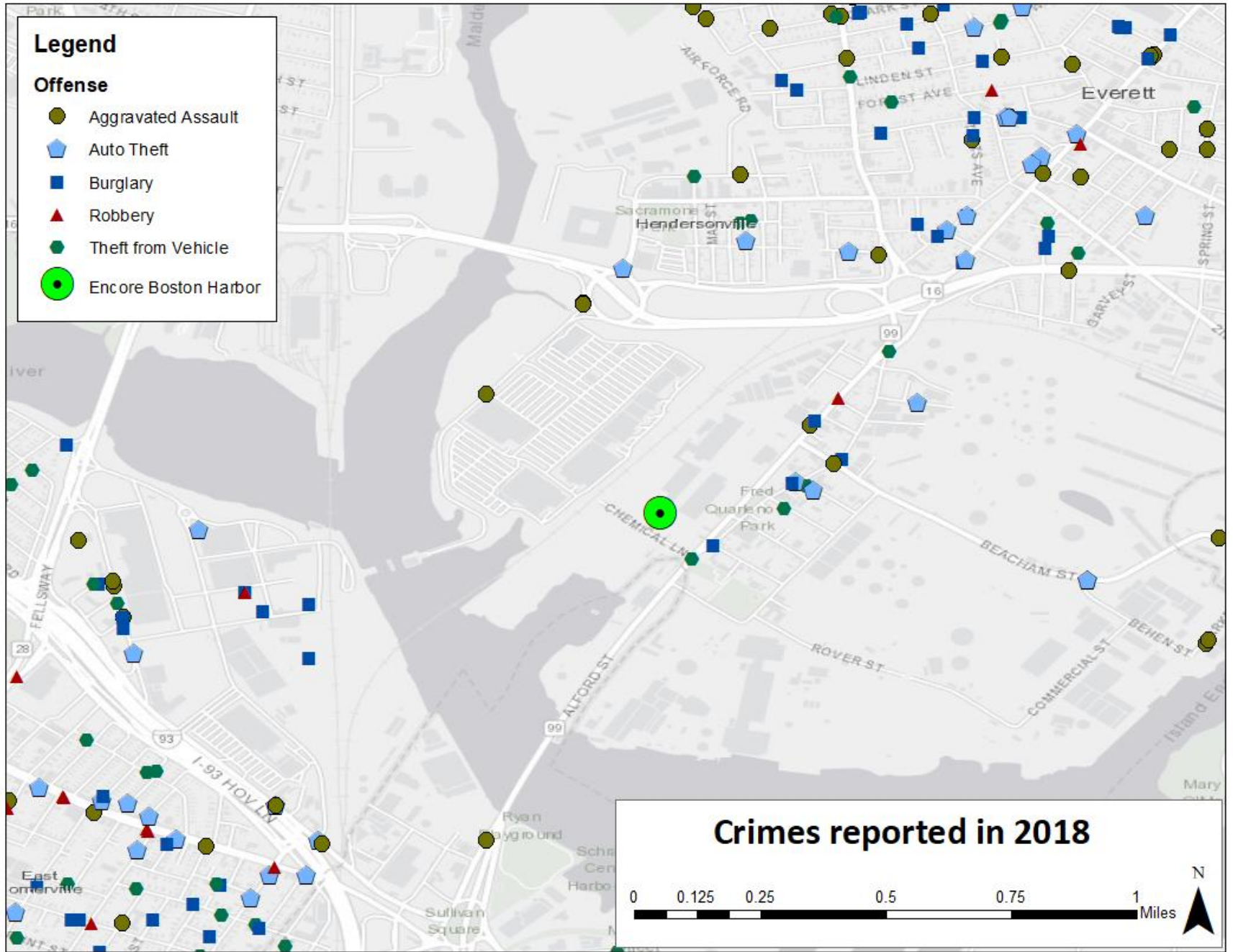
Crashes on state roads

| Activity | 2012–2018 Average | Standard Deviation | C.V. | Slope | Predictive Method | Predictive Window |
|--------------------|----------------------|-----------------------|------|-------|----------------------|----------------------|
| Route 16 | 754 | 57.20 | 0.07 | 23 | T | 812–949 |
| I-93 | 418 | 38.16 | 0.09 | 8 | C | 372–464 |
| Route 28 | 416 | 14.82 | 0.03 | 4 | T | 430–481 |
| Route 1 | 323 | 36.62 | 0.11 | 11 | T | 328–446 |
| Memorial Drive | 195 | 24.52 | 0.12 | -10 | T | 138–195 |
| Route 1A | 114 | 9.36 | 0.08 | 2 | C | 103–125 |
| Alewife Brook Pkwy | 100 | 12.30 | 0.12 | 3 | T | 95–136 |
| Route 38 | 90 | 8.00 | 0.08 | 1 | C | 80–100 |
| Fresh Pond Pkwy | 60 | 11.87 | 0.19 | 5 | T | 71–95 |
| Lynnway | 85 | 11.88 | 0.13 | -3 | T | 58–99 |
| Mystic Avenue | 57 | 19.36 | 0.34 | 8 | T | 71–111 |
| Revere Beach Blvd | 56 | 9.66 | 0.17 | 4 | T | 64–82 |
| Route 2 | 49 | 3.73 | 0.07 | 2 | T | 54–62 |
| Revere Beach Pkwy | 59 | 15.12 | 0.23 | -4 | T | 23–74 |
| Roosevelt Circle | 41 | 10.55 | 0.25 | 3 | T | 35–72 |
| Lynn Fells Pkwy | 29 | 8.61 | 0.29 | 1 | C | 19–39 |
| Msgr. O'Brien Hwy | 40 | 5.90 | 0.15 | 2 | T | 39–57 |

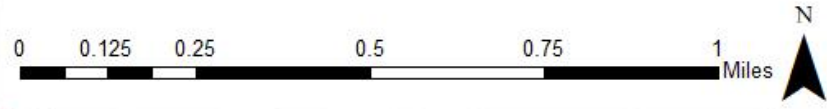
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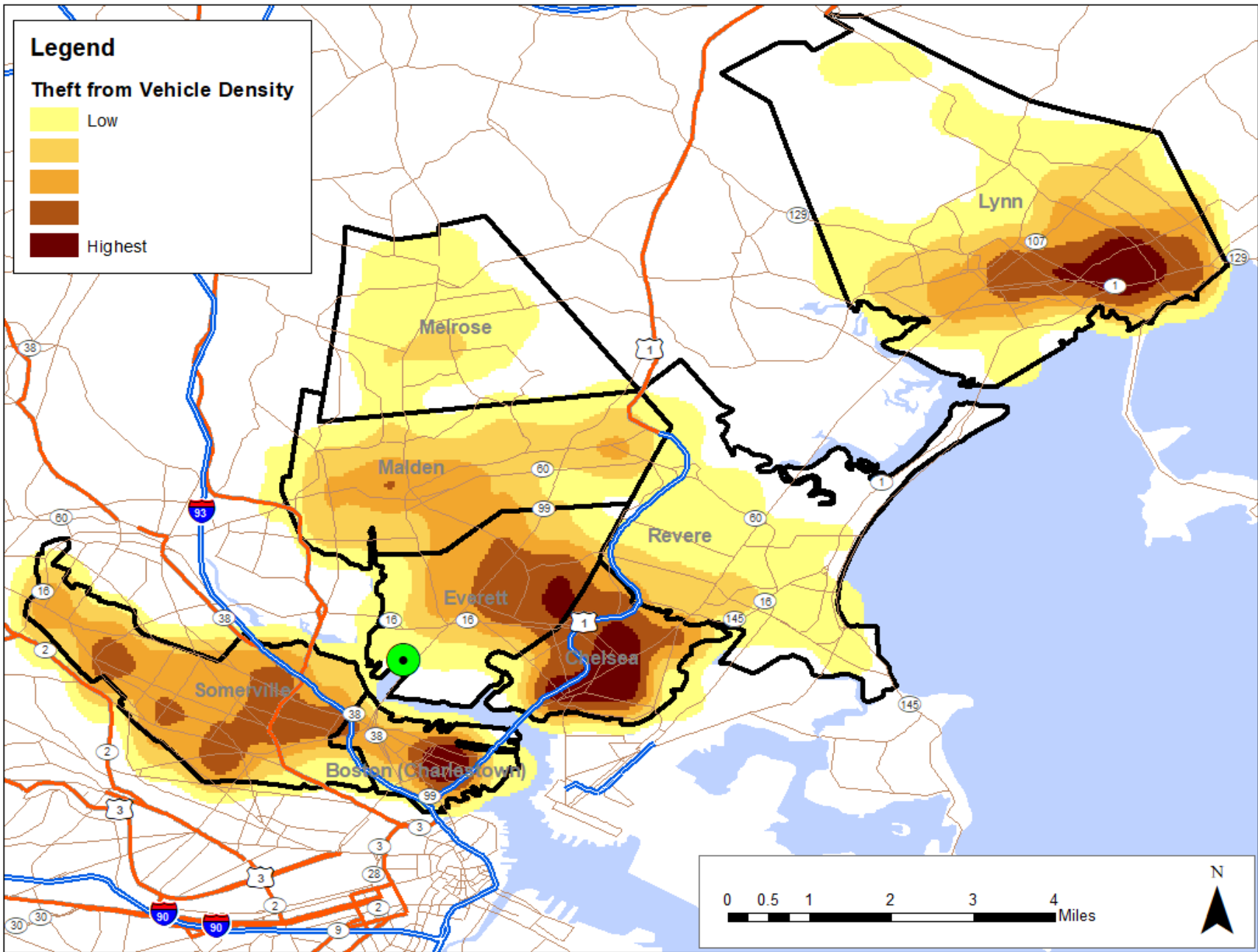
Offense

- Aggravated Assault
- ⬠ Auto Theft
- Burglary
- ▲ Robbery
- Theft from Vehicle
- Encore Boston Harbor



Crimes reported in 2018





Encore baseline summary

Data collected for 2012-2018 had a variety of issues with completeness and quality. This is a more complex area for data than the other two.

State police have more responsibility for “local” roads in this area than in other areas.

Geographic patterns around the casino are likely to be different than both PPC and MGM. Pre-Encore activity was low given lack of any crime attractors in the area.

Encore has more complex transportation factors that will be analyzed individually.

Thank You!

Christopher W. Bruce

Crime analyst consultant to the
Massachusetts Gaming Commission

978-853-3502

cwbruce@gmail.com