



Cambridge Police Department BridgeStat

June 2011



What is BridgeStat?

BridgeStat is a multi-layered, dynamic, intelligence-based approach to crime reduction, quality of life improvement, and personnel and resource management based on four distinct principles – accurate and timely intelligence, effective tactics, rapid deployment, and relentless follow-up and assessment. At the core of our approach is a philosophy that fosters teamwork and creative problem solving. Police personnel hold bi-weekly meetings to devise strategies and tactics to solve problems, reduce crime, and ultimately improve quality of life in our community.

Through BridgeStat, the Cambridge Police Department produces a monthly public report to the community on current police priorities in terms of crime, traffic, community concerns, and disorder issues in the city. This is made available on the Cambridge Police Department's website at www.CambridgePolice.org/BridgeStat on the first Friday of each month.

Beginning iterations of BridgeStat included information relating to historical trends, a breakdown of crimes by type, strategies CPD is deploying to deal with crime patterns that have been identified, and tips for how citizens can protect themselves and help reduce crime in Cambridge. Recent versions have included more advanced predictive analysis, with detailed information about future patterns police expect to see, as well as steps police and citizens can take to prevent these possible scenarios from emerging.



Part I Stats: Violent Crime

Crime	January 1 – June 20				4 Week Snapshot		
	2010	Avg	YTD	Change	4/26-5/23	5/24-6/20	Change
Murder	0	1	1	0%	0	0	0%
Rape	13	13	14	8%	1	4	300%
Robbery	51	67	64	-4%	16	14	-13%
-Commercial Robbery	9	13	12	-8%	5	3	-40%
-Street Robbery	42	54	52	-4%	11	11	0%
Aggravated Assault	106	109	104	-5%	13	25	92%



Part I Stats: Property Crime

Cambridge Police BridgeStat

Crime	January 1 – June 20				4 Week Snapshot		
	2010	Avg	YTD	Change	4/26-5/23	5/24-6/20	Change
Burglary	174	208	220	6%	44	42	-5%
-Housebreaks	137	164	172	5%	36	28	-22%
-Commercial Breaks	37	44	48	9%	8	14	75%
Larceny	1085	1129	939	-17%	178	199	12%
-Larceny from Building	160	175	202	15%	39	31	-21%
-Larceny from MV	351	410	222	-46%	54	37	-31%
-Larceny from Person	170	153	122	-20%	17	32	88%
-Larceny from Residence	81	78	92	18%	16	15	-6%
-Larceny of Bicycle	114	87	95	9%	23	47	104%
-Shoplifting	177	179	154	-14%	20	29	45%
-Miscellaneous Larceny	32	45	52	16%	9	8	-11%
Auto Theft	62	91	62	-32%	12	15	25%



Part I Stats: Totals

Cambridge Police BridgeStat

	January 1 – June 20			Change
	2010	5-Year Avg	2011 YTD	
Violent Crime Total	170	190	183	-4%
Property Crime Total	1321	1427	1225	-14%
Total Part 1 Crimes	1491	1617	1408	-13%



Crime in Cambridge: 1/1/11 to 6/20/11

- **Serious crime has registered a slight decline, 5.5%, when compared with the first 24 weeks of 2010, and posted a distinguishable 14% drop when measured against the 5-year weighted average for this same time period.** The majority of the decrease can be attributed to the overall decline in the index crime of Larceny, with 146 fewer thefts reported so far in 2011.
- A thorough analysis of all statistics indicates that there were **96 fewer property crimes recorded so far in 2011** to register a **7% decrease** when compared with the first 5.5 months of last year. There have been 13 additional violent crimes registered in 2011 when compared with 2010. **Both violent and property crime** registered substantial declines (**-4% and -14%, respectively**) when measured against the 5-year weighted average for a time span between 1/1/11 and 6/20/11.
- The decline of **larceny from motor vehicles, at 46%** below the 5-year weighted average for this target crime for the first 24 weeks of 2011, continues to be the most positive indicator to report so far this year. There were **129 fewer thefts** from vehicles through 6.20.11 than last year. **There was a dramatic surge in aggravated assaults, 92%, when compared with the previous four weeks.** Many of these are bar/alcohol related incidents.



MURDER

Change from 2010

N/A

Change from 5 yr Average

0%

Cambridge Police BridgeStat

- On the night of 3.12.11, Cambridge Police responded to a double shooting that occurred in Cambridgeport. 2 victims were transported to area hospitals where 1 of the victims was pronounced dead. The other victim survived. While no arrests have been made, authorities do not believe the shooting was a random incident. This investigation remains ongoing.
- Preliminary statistics released by the Federal Bureau of Investigation reveals that Murder decreased by 4.4% in the United States in 2010.
- In the last 5 years, 6 people have been shot to death in Cambridge. Victims in 2/3 of these homicides had prior arrests for marijuana distribution.
- 5 of the 14 murders in Cambridge since 2002 have occurred during the month of June.





RAPE

Change from 2010

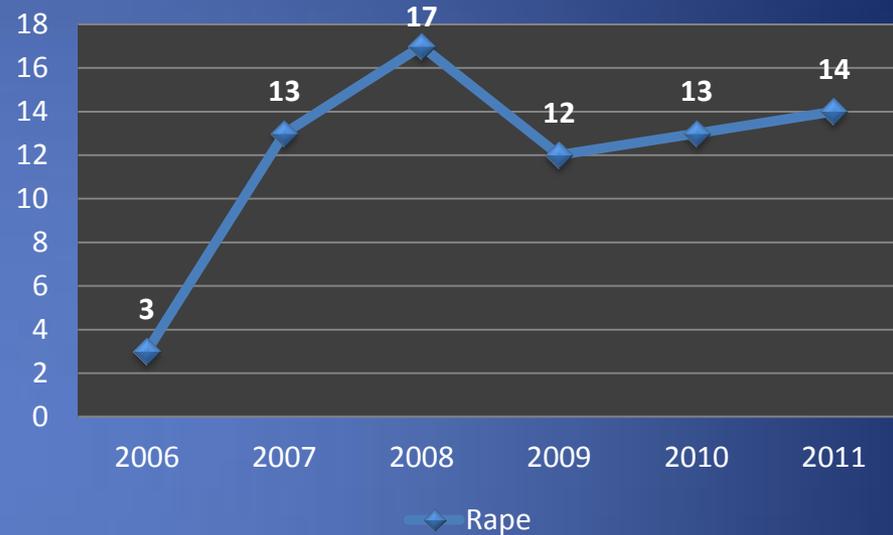
+8%

Change from 5 yr Average

+8%

Cambridge Police BridgeStat

- There have been 14 sexual assaults reported between 1.1.11 and 6.20.11. 7 of these incidents (including 4 of the 5 reported in the past 6 weeks) occurred prior to this year. 1 of the rapes is a past incident from the mid 1990s.
- 9 of the incidents involved acquaintances, 3 were domestic situations, and the other involved a contact scenario with the offender being someone the victim had met in a public place. An attempted rape was recorded on the night of 6.18.11 which resulted in the immediate arrest of a Boston resident.





ROBBERY

Change from 2010

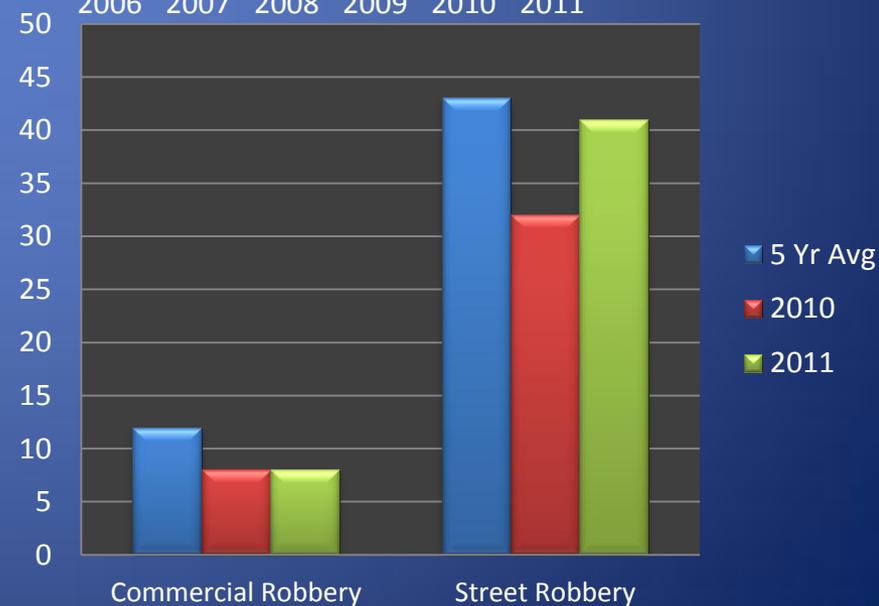
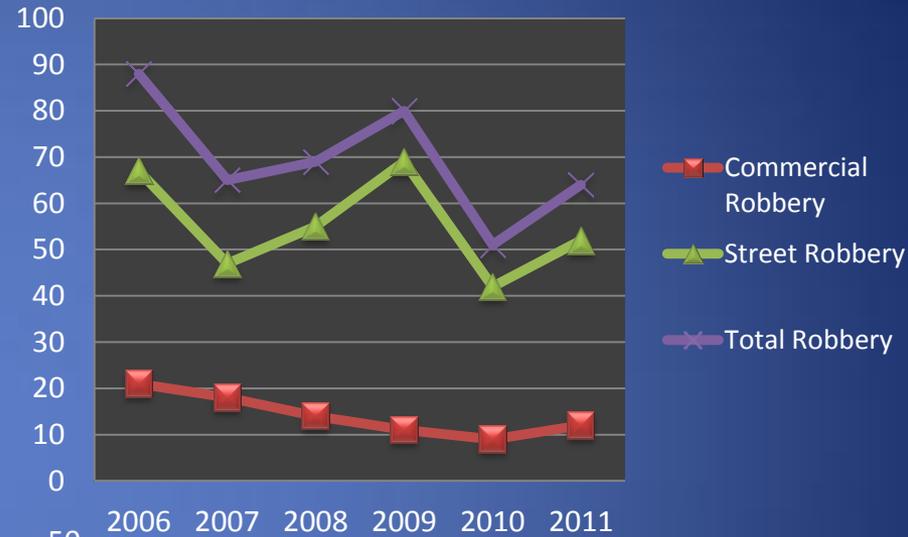
+25%

Change from 5 yr Average

-4%

Cambridge Police BridgeStat

- **Total Robbery** dropped from a 5-year average of 67 incidents YTD to 64 incidents through 6.20.11, a **4% decrease**. The 25% increase in robberies when compared with 2010 can be attributed to sharp increase in street robberies involving homeless preying on other homeless individuals in and around the confines of Central Sq.
 - There have been 17 robberies in 2011, 11 of which were categorized as homeless scenarios.
- **There was only 1 commercial robbery reported in the first 3 months of 2011.** There have been eleven random incidents since 4.1.11. There were recently 2 gas station robberies with similar suspects.
 - When compared with the 5-year average, this violent crime type is **down 8%**.
- **Street Robbery** has recorded a **4% decline** from the 5-year average, despite the fact that in **the past 2 months, 35 of the 52 robberies YTD have taken place.**
 - There are no identifiable patterns at the present time.



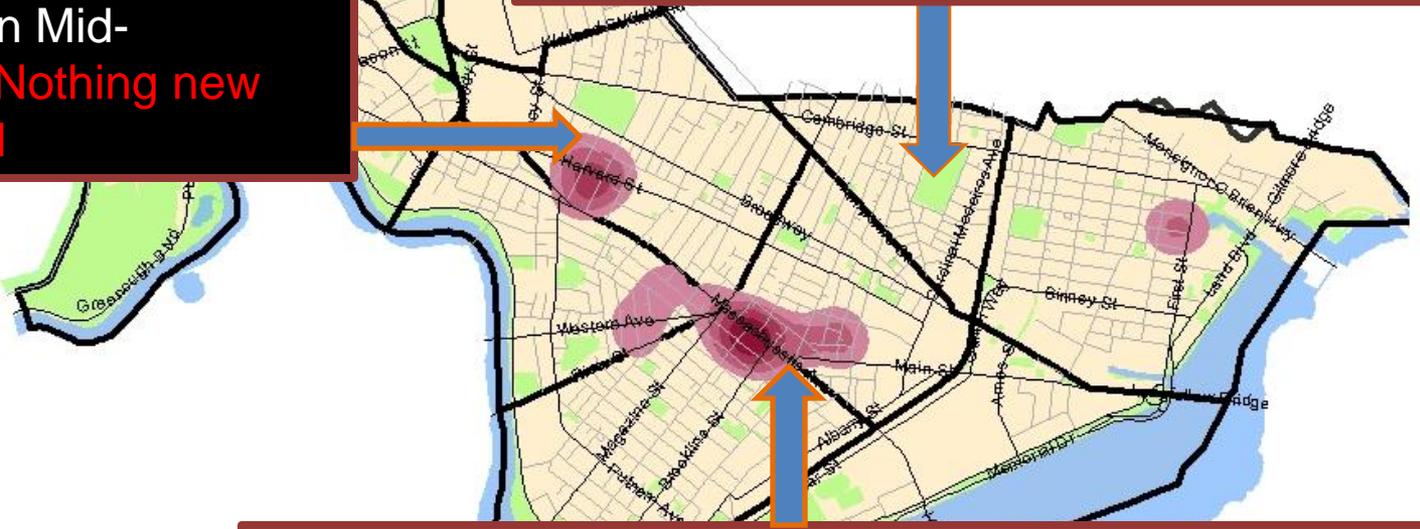


5 street robberies since the last BridgeStat – A series of juvenile strong arm robberies were identified in and around Donnelly Field. 2 incidents reported on the night of the Bruins victory in Central Square; an arrest was made in 1 of the crimes. **No identifiable patterns or trends at the present time.**



5 incidents since the beginning of June of Juvenile assault and intimidation robberies around Donnelly Field. Youth & Family Services Unit has identified the suspects and has adjudicated the situation.

5 robberies in Mid-Cambridge. **Nothing new since 4.23.11**



17 incidents in Central Square, 11 involving homeless robbing other homeless. 9 arrests have been made.



Street Robbery Arrests Since May BridgeStat

As predicted in the April release of BridgeStat, and sent to residents via a community alert, communities often experience an uptick in the amount of street robberies that occur as people venture outside to enjoy the warm weather. While not part of an increase in street robberies over comparable timeframes from past years, Cambridge Police made arrests in several street robberies in mid June.

On 6/16/11, officers arrested **Nkosi Newton, Alexander Reynolds, and Robert Bonds** at 12:53 AM on Green & Magazine after they witnessed the suspects holding the victim against the side of a bus stop. Suspects assaulted him while going through his pockets stealing his wallet that had over \$600. A few minutes prior there was a purse snatching at Auburn & Pearl at 12:46 AM. Victim was walking on Auburn St. **Incidents were probably related.**

On 06/17/11, detectives arrested **Nathan Pellegrini** in Norwood on a warrant issued for Masked Armed Robbery. Earlier that morning at 2:50 AM, a victim reported he was robbed at gunpoint by Pellegrini.



AGGRAVATED ASSAULT

Change from 2010

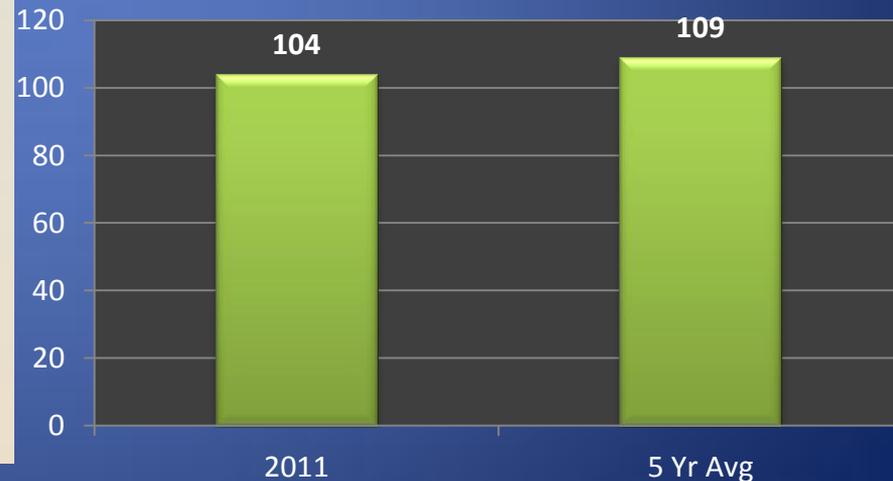
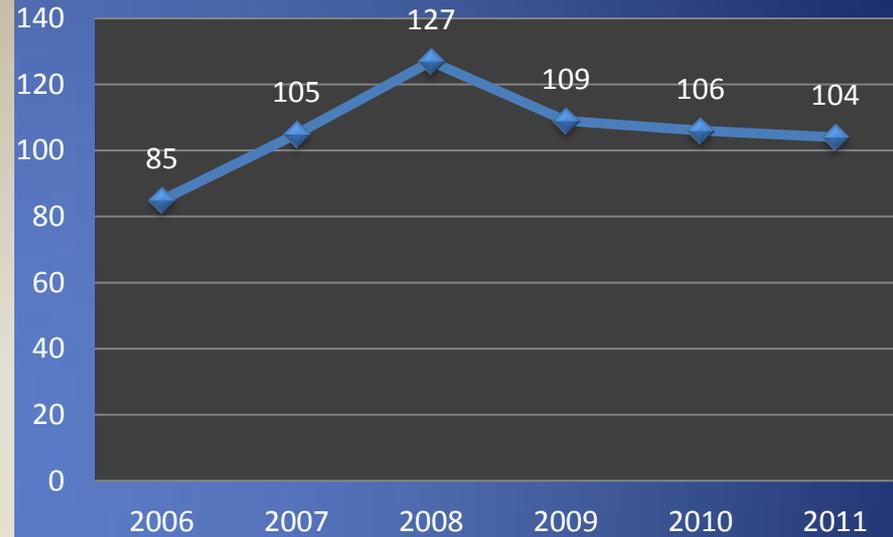
-2%

Change from 5 yr Average

-5%

Cambridge Police BridgeStat

- When measuring this violent index crime against the 5-year average for the first 20 weeks, a **2% decrease** has been registered. There have been 2 fewer aggravated assaults than in 2010.
- After being monitored as a potential disturbing trend, the rate of domestic assaults has flattened out over the past 6 weeks and is now 33% of the aggravated assault total, an average comparable to previous years.
- There have been 3 stabbings and a total of 17 aggravated assaults in Harvard Square in 2011, with only 3 occurring since college commencements. The majority of these incidents have occurred on weekend nights after the bars close.
- A breakdown of the 25 assaults over the past 4 weeks:
 - 4 bar fights (Harvard, Central, E.Cambridge)
 - 3 homeless (all in Central Square)
 - 5 domestic
 - 4 shop owners assaulted by patrons





BURGLARY

Change from 2010

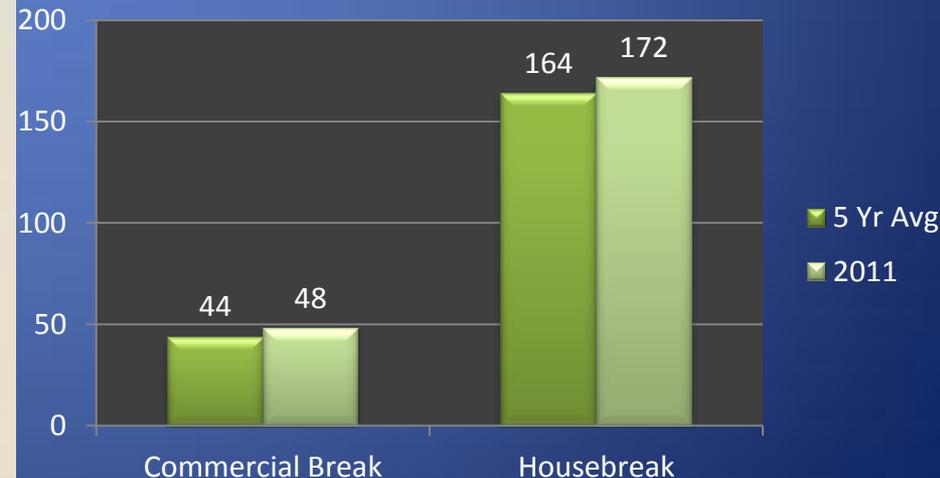
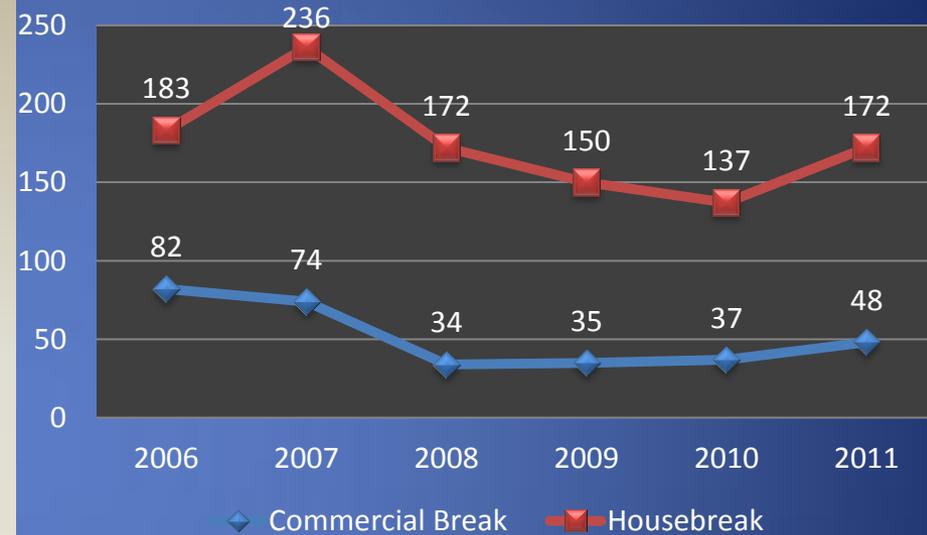
+26%

Change from 5 yr Average

+6%

Cambridge Police BridgeStat

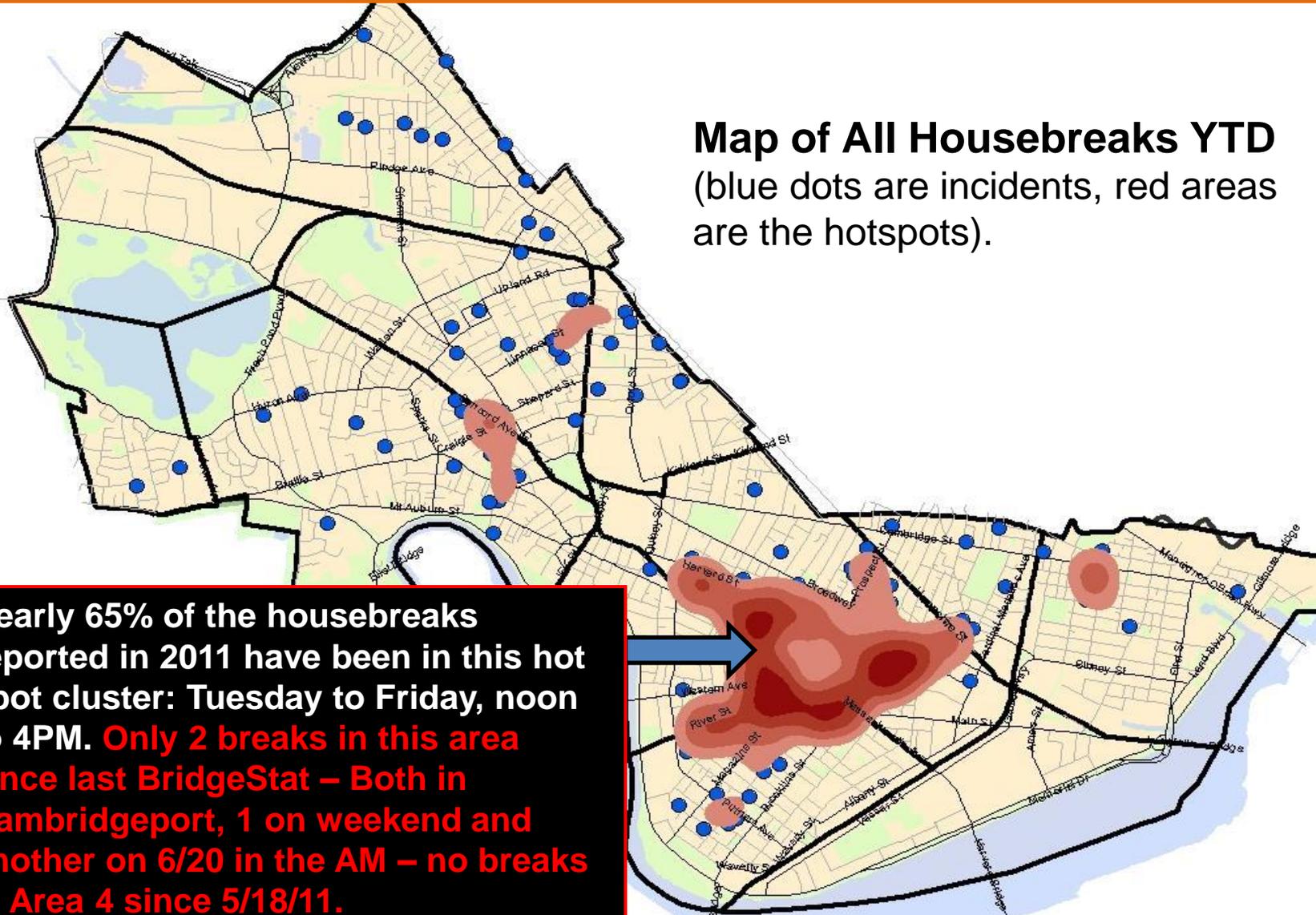
- **Total Burglary**, the combination of residential and commercial burglary, is up 6% when compared to the 5-year average.
- **Housebreaks** have recorded an **increase of 25%** for the first 24 weeks of 2011 when compared with the same time period for 2010.
 - Further analysis reveals that last year's total was **unusually low (from 50 to 100 fewer breaks than the prior 3 years)**.
- Between 1.1.11 and 6.20.11, **58% of the 172 reported housebreaks citywide** have been in neighborhoods south of Harvard Square.
 - Further analysis indicates that these breaks are clustered in 4 distinct areas in close proximity to Central Square and are predominantly committed on weekday afternoons.
- **Analysis indicates that saturation patrols and undercover operations in this area are having an effect. There were only 5 incidents in these neighborhoods since the last BridgeStat, with only 2 fitting into the designated time frame.**





Review of Housebreak Hotspots Since May BridgeStat

Housebreaks are **down 22%** from the previous 4 weeks – An exceptionally low total for late Spring with only 28 incidents over past 5 weeks.

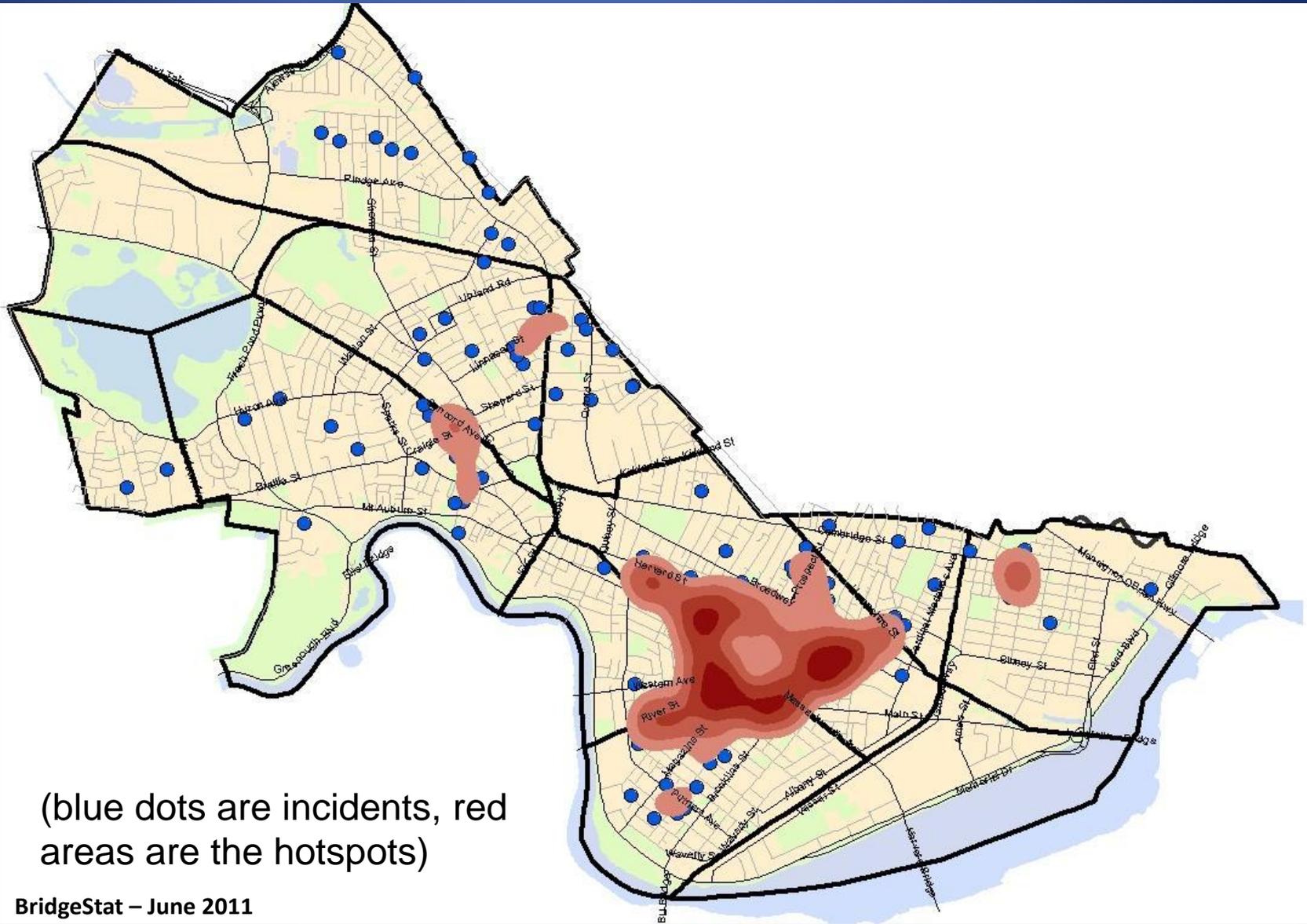


Nearly 65% of the housebreaks reported in 2011 have been in this hot spot cluster: Tuesday to Friday, noon to 4PM. **Only 2 breaks in this area since last BridgeStat – Both in Cambridgeport, 1 on weekend and another on 6/20 in the AM – no breaks in Area 4 since 5/18/11.**



Map of All Housebreaks Citywide, from 1/1/11 to 5/23/11

This map shows the the main problem area that existed prior to the development of response strategies in BridgeStat.





Map of All housebreaks Citywide Since 5/23/11

The original hotspot has virtually disappeared, with the help of focused deployment strategies.

Cambridge Police BridgeStat

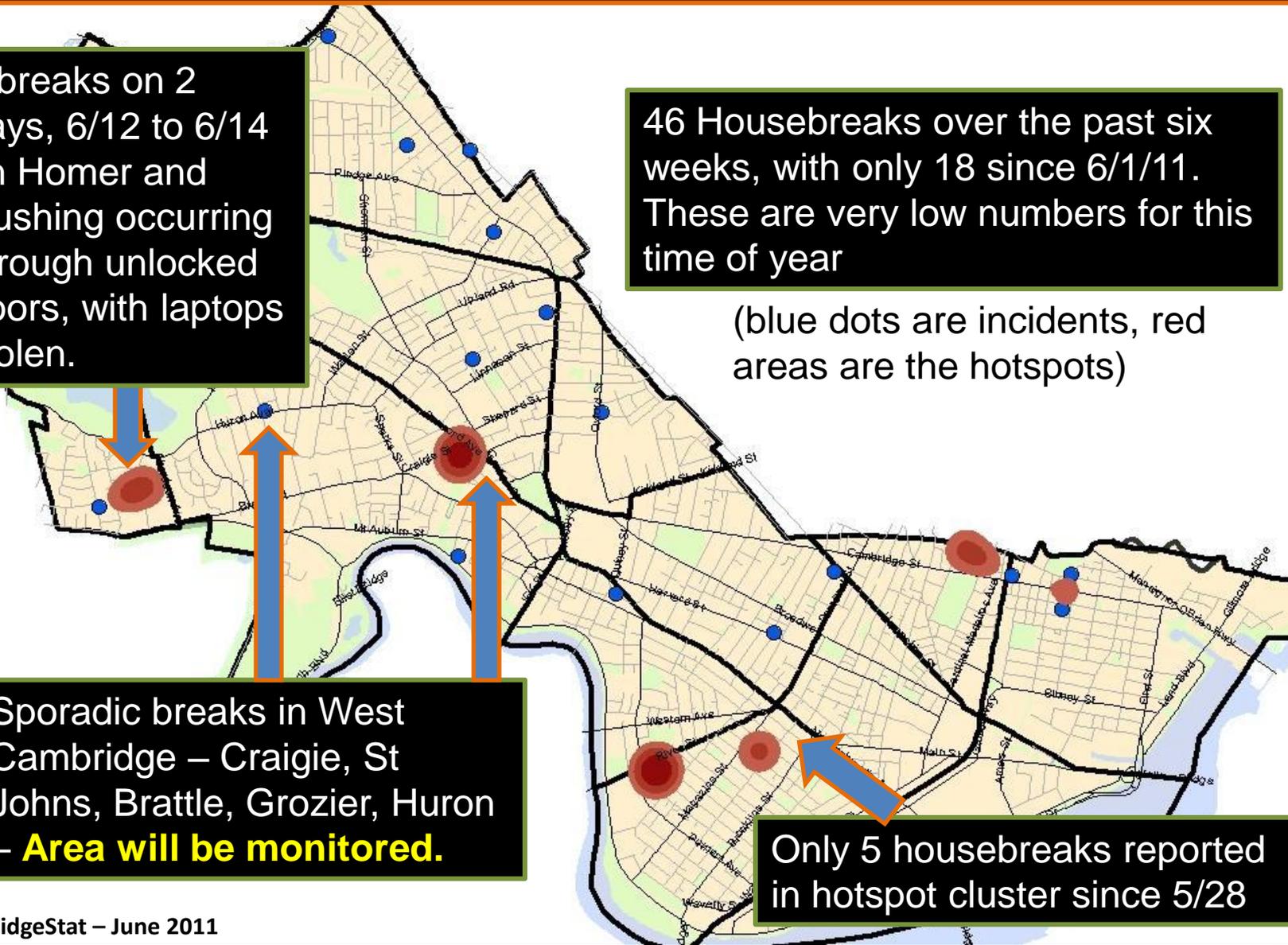
3 breaks on 2 days, 6/12 to 6/14 on Homer and Cushing occurring through unlocked doors, with laptops stolen.

46 Housebreaks over the past six weeks, with only 18 since 6/1/11. These are very low numbers for this time of year

(blue dots are incidents, red areas are the hotspots)

Sporadic breaks in West Cambridge – Craigie, St Johns, Brattle, Grozier, Huron – **Area will be monitored.**

Only 5 housebreaks reported in hotspot cluster since 5/28





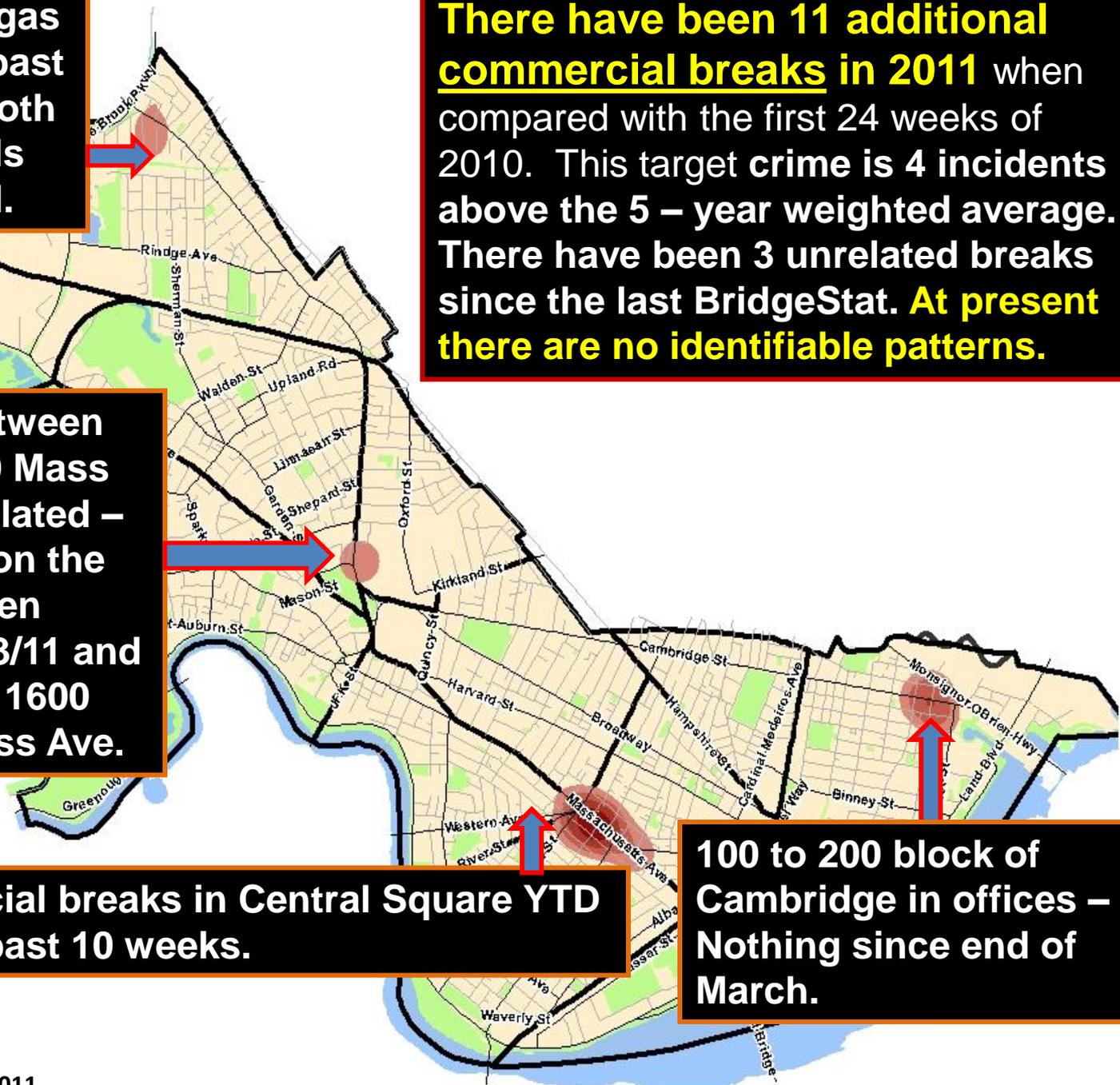
2 breaks at gas stations in past 5 weeks – both on weekends around 5AM.

There have been 11 additional commercial breaks in 2011 when compared with the first 24 weeks of 2010. This target crime is 4 incidents above the 5 – year weighted average. There have been 3 unrelated breaks since the last BridgeStat. **At present there are no identifiable patterns.**

5 breaks between 1600 & 1700 Mass Ave – not related – last 2 were on the week between 6/6/11 & 6/13/11 and were in the 1600 block of Mass Ave.

11 commercial breaks in Central Square YTD – only 4 in past 10 weeks.

100 to 200 block of Cambridge in offices – Nothing since end of March.





Housebreaks

What can we do?

Police Response Strategy:

- Cambridge Police deployed extra patrols to the affected areas in order to combat the recent increase in housebreaks.
 - CPD is also utilizing plainclothes officers and will be saturating affected areas through directed patrols & traffic enforcement utilizing patrol units, traffic units, and bicycle officers.
- Community Advisories have been sent via Citizen Observer to those subscribed to receive information from the Cambridge CITYWIDE group with important housebreak prevention information.
 - To sign up to receive these and other alerts from CPD, visit <http://www.citizenobserver.com/cov6/app/group.html?id=2595>

Citizen Response Strategy:

- Citizens are asked to take the following precautions to protect themselves, their homes, and their belongings from burglaries:
 - Try **“casing”** your own home,
 - **ALWAYS lock your doors and windows.** Many housebreaks have occurred through open windows or unlocked doors.
 - **Leave a light on** when you leave.
 - Install motion sensor lights.
 - **NEVER** prop open the door or let someone in behind you
 - **Be vigilant.** If you suspect suspicious activity, please report it to the police immediately by calling **617-349-3300.**
 - **Document serial numbers** of all electronics and take pictures of all valuables.
 - **Request a Residential Security Survey** from the Cambridge Police Department. For more info, please call **(617) 349-3236.**
- For more info on how to protect yourself from housebreaks, visit http://www2.cambridgema.gov/CityOfCambridge_Content/documents/Flyer_Housbreaks_FINAL2.pdf



LARCENY

Change from 2010

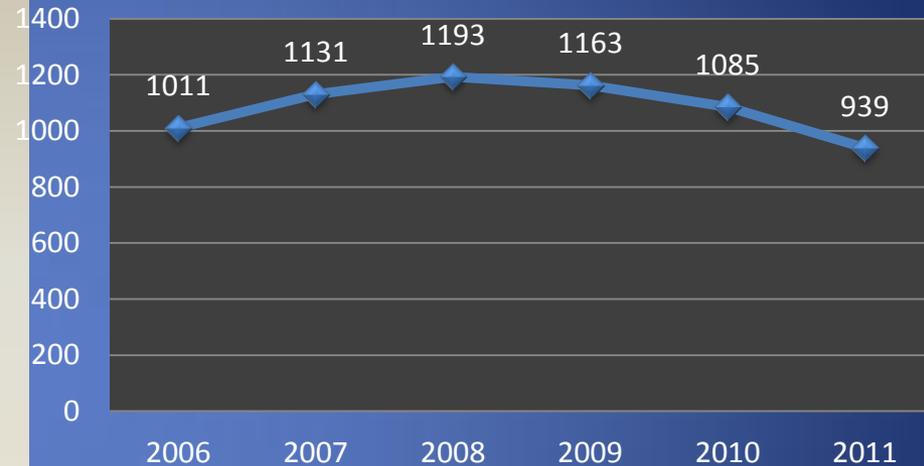
-13%

Change from 5 yr Average

-17%

Cambridge Police BridgeStat

- Overall, larceny has **decreased by 13%** when compared with the first 5 ½ months of 2010 and **17%** compared to the 5-year weighted average of this time frame.
- The decline in larcenies from MVs remains consistent with a **46% decrease** in comparison to the 5-year weighted average for this target crime year-to-date.
 - No established patterns exist at the present time.
- Larcenies from persons are also down, registering a **28% drop** when compared with 2010 totals for this index crime.
 - However, when comparing the most recent 4weeks to the previous 4, larcenies from the person recorded an increase of 88%. Only 5 of the 16 recent incidents took place in dining locations, though.
- So far this year, there have been 95 reported bike thefts in Cambridge, while there were 114 reported through this time frame in 2010.
 - Despite the overall drop this year, bike thefts have increased 104% during the most recent 4 weeks, compared with the previous 4 weeks. 21 have taken place in the past 2 weeks.



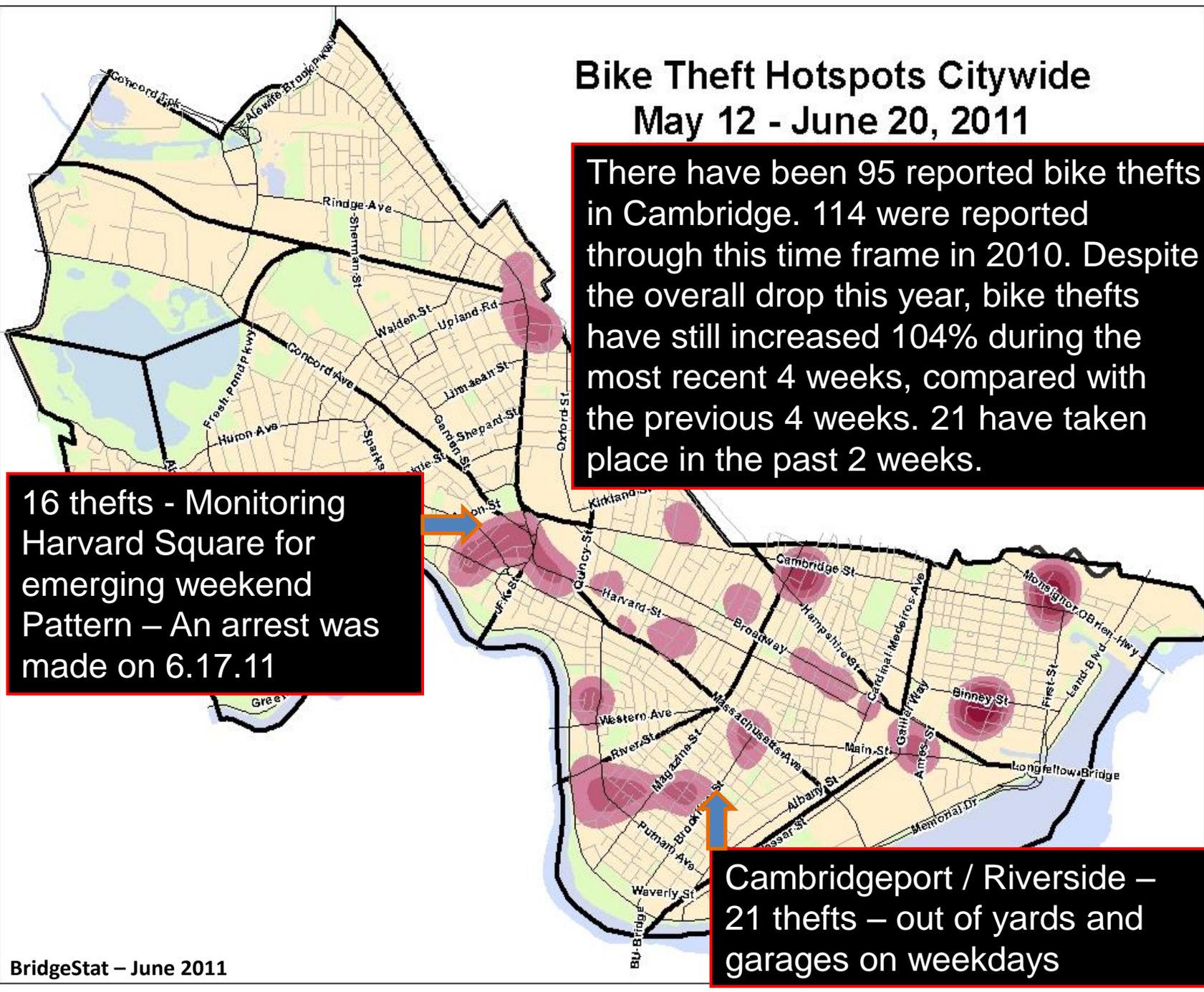


Bike Theft Hotspots Citywide May 12 - June 20, 2011

There have been 95 reported bike thefts in Cambridge. 114 were reported through this time frame in 2010. Despite the overall drop this year, bike thefts have still increased 104% during the most recent 4 weeks, compared with the previous 4 weeks. 21 have taken place in the past 2 weeks.

16 thefts - Monitoring Harvard Square for emerging weekend Pattern – An arrest was made on 6.17.11

Cambridgeport / Riverside – 21 thefts – out of yards and garages on weekdays





Larceny of Bicycles:

What Can We Do?

Police Response Strategy:

- Cambridge Police are working on a comprehensive response project to deal with the issue of bike thefts.
- Educate the public about the use of effective locks & locking practices
 - For more information about bicycle safety, proper locking, and how to register your bicycle with the police, visit <http://www.cambridgema.gov/CPD/CommRes/bicycles.cfm?pv=Yes>
- Stop bicyclists to promote bike safety
 - Remind riders to use lights when biking at night, wear helmets under the age of 16, etc.

Citizen Response Strategy:

- Register bicycles online at the CPD website
 - For more information about bicycle safety, proper locking, and how to register your bicycle with the police, visit <http://www.cambridgema.gov/CPD/CommRes/bicycles.cfm?pv=Yes>
- Stores should be vigilant in recording serial numbers and customer information on sales.
- Universities should encourage students to register their bikes and distribute information on the correct locking procedures.



LARCENY: *from MV*

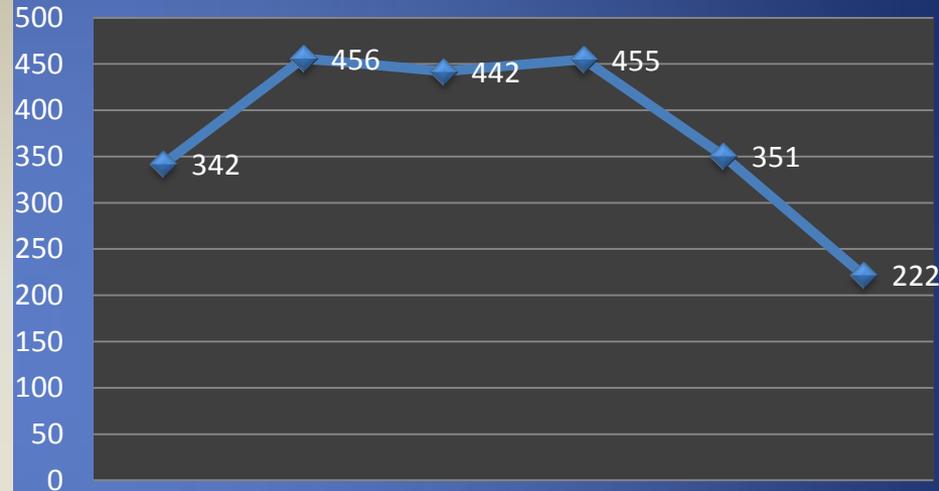
Change from 2010

-37%

Change from 5 yr Average

-46%

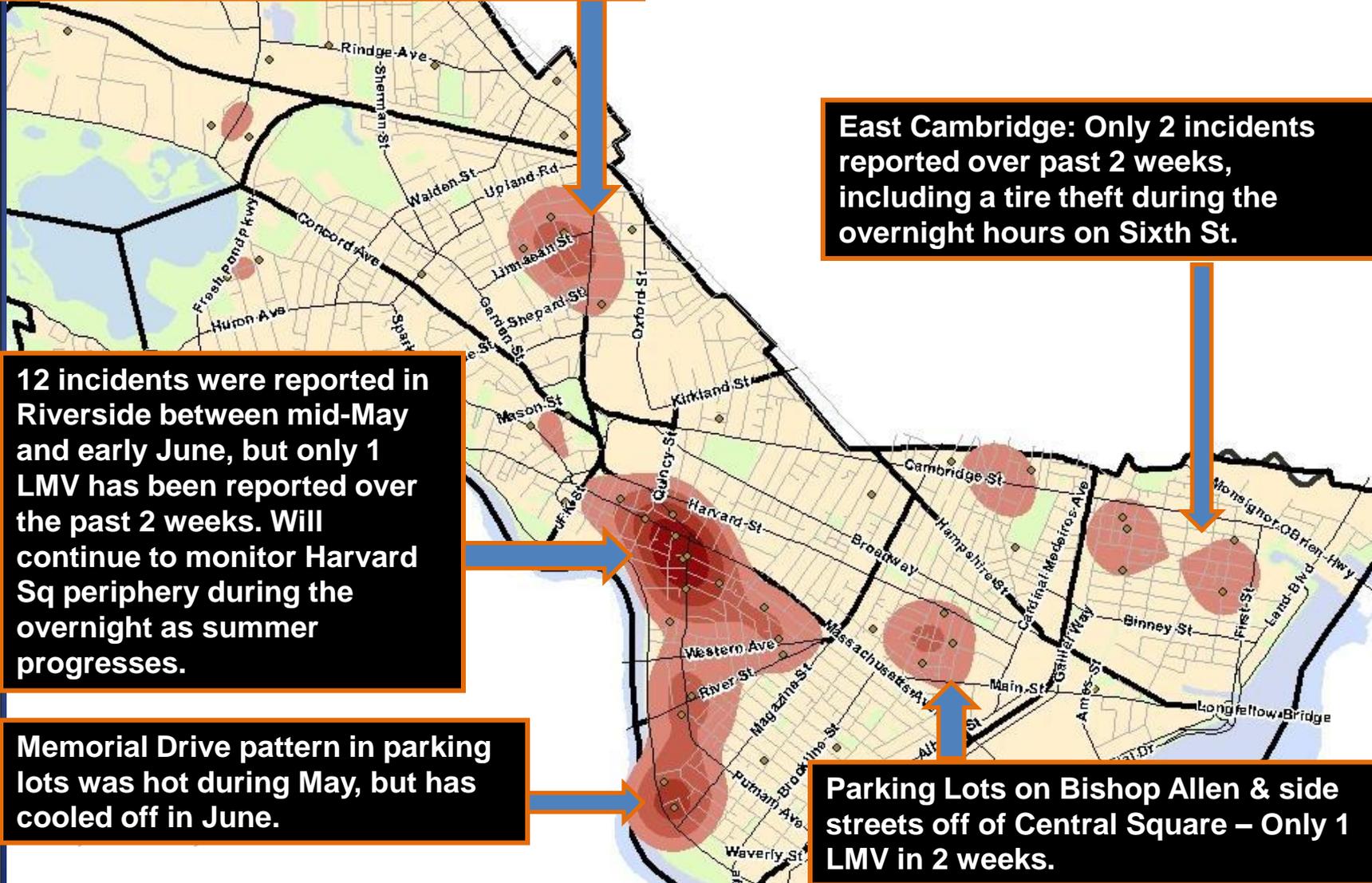
- Larceny from MVs are **down 46%** when compared with the 5-year average, with **188 fewer incidents** than the norm for this time period and 129 incidents under the 2010 total for the first 5 ½ months of the year.
 - Only 23 incidents were reported citywide over the past 2 weeks.
- Majority of LMV activity over recent weeks has been during the overnight hours.
 - No definite patterns emerging at this time.**
 - Riverside area experienced increase in activity in late May, but this has since dissipated.
- Although LMVs are at a low in comparison to previous years, the chronic pattern area between Peabody & Agassiz should be monitored for overnight activity on side streets.**
 - 4 were reported over last 2 weeks, 3 targeting GPS units.





LMV activity continues to be low in upper half of City, although a few overnight GPS thefts were recently reported in chronic pattern area in Peabody and Agassiz. Area will be monitored.

LMV Hotspots Citywide May 12 - June 20, 2011





LARCENY: *from Person*

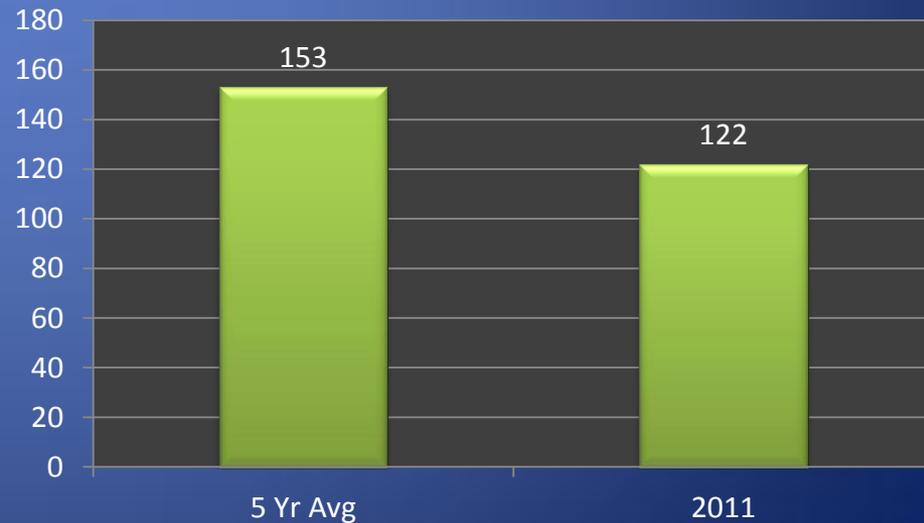
Change from 2010

-28%

Change from 5 yr Average

-20%

- Citywide, larcenies from persons are **down 28%** from the first 5 ½ months of 2010 and 20% beneath the 5-year average.
 - However, larcenies from persons are up 88% over the previous 4-week total.
- Since the last BridgeStat, 16 larcenies from persons have been reported citywide.
 - Only 5 involved thefts while dining (2 in Central Sq, 2 in Harvard Sq, 1 in Kendall Sq – no repeat locations).
 - Most of remaining incidents were either thefts from homeless persons outside or thefts while victims were shopping.
- **No current patterns at this time.**





AUTO THEFT

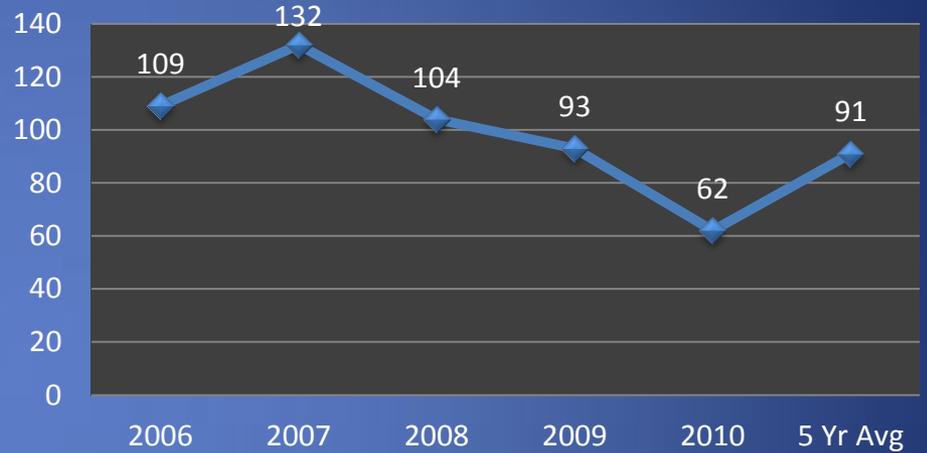
Change from 2010

0%

Change from 5 yr Average

-32%

- The 5-year weighted average for auto theft for the first 22 weeks of the year is 91 incidents.
 - There were only 62 reported in Cambridge for this time period in 2011, which translates to a **32% decline**.
- Although there have been consistent, sporadic auto thefts (10 in past 2 weeks), there have been minimal recoveries recorded.
 - YTD only 27, or 44% of stolen autos have been recovered.





Help Prevent Crime

And keep yourself informed!

Police Response Strategy:

To receive information from the CPD

- Sign up to receive Citizen Alerts of notable events & crimes by visiting <http://www.citizenobserver.com/cov6/app/group.html?id=2595> and following the simple instructions.
- “Like” the Cambridge Police Department on Facebook at www.facebook.com/CambridgePolice.
- Follow [@CambridgePolice](https://twitter.com/CambridgePolice) on Twitter.
- Visit our website at www.CambridgePolice.org for valuable information and reports including the Daily Log and **BridgeStat**, which is published on the first Friday of every month.

Citizen Response Strategy:

To Share Information with the CPD

- Call our Non-Emergency Telephone Number at **617-349-3300**.
 - Every call for service generates a police response, so help drive our resources by reporting things that seem suspicious or out of the ordinary.
- Send an Anonymous TEXT-A-TIP:
 - Send an ANONYMOUS text message to **Tip411 (847411)**. Begin your message with Tip650 and then type your message. You will receive a response from the Cambridge Police with the option to continue communicating. Please remember that this is not a replacement for 9-1-1. **If you witness an emergency situation, please call 9-1-1 immediately.**
- Send an Anonymous Crime Tip E-Mail at http://www2.cambridgema.gov/cpd/contact/mailform.cfm?email_id=101



Questions?

- BridgeStat is a work in progress and will evolve over time to include more detailed information.
- We welcome all questions, comments, and suggestions.
- Please direct your feedback to:
BridgeStat@CambridgePolice.org
- For more detailed analytical reports, including the full 2010 Annual Crime report, please visit
http://www.cambridgema.gov/CPD/publications/crime_2010.cfm