



## CATS Auto Theft-LPR two part strategy

### **First- Focus on response to top SCA's for UDAA/Recovery**

- Weekly operations to address UDAA.

This operation is designed to utilize both marked and unmarked units with assistance from aerial support from Homeland Security to identify and apprehend individuals in stolen motor vehicles.

Operations based on stolen/recovery mapping and review of LPR's for highest stolen car reads. Crime intel will support the operations with constant LPR monitoring to direct ground and aerial assets to stolen vehicle hits. LPR allows for quicker acquisition of vehicles for recovery/arrests.



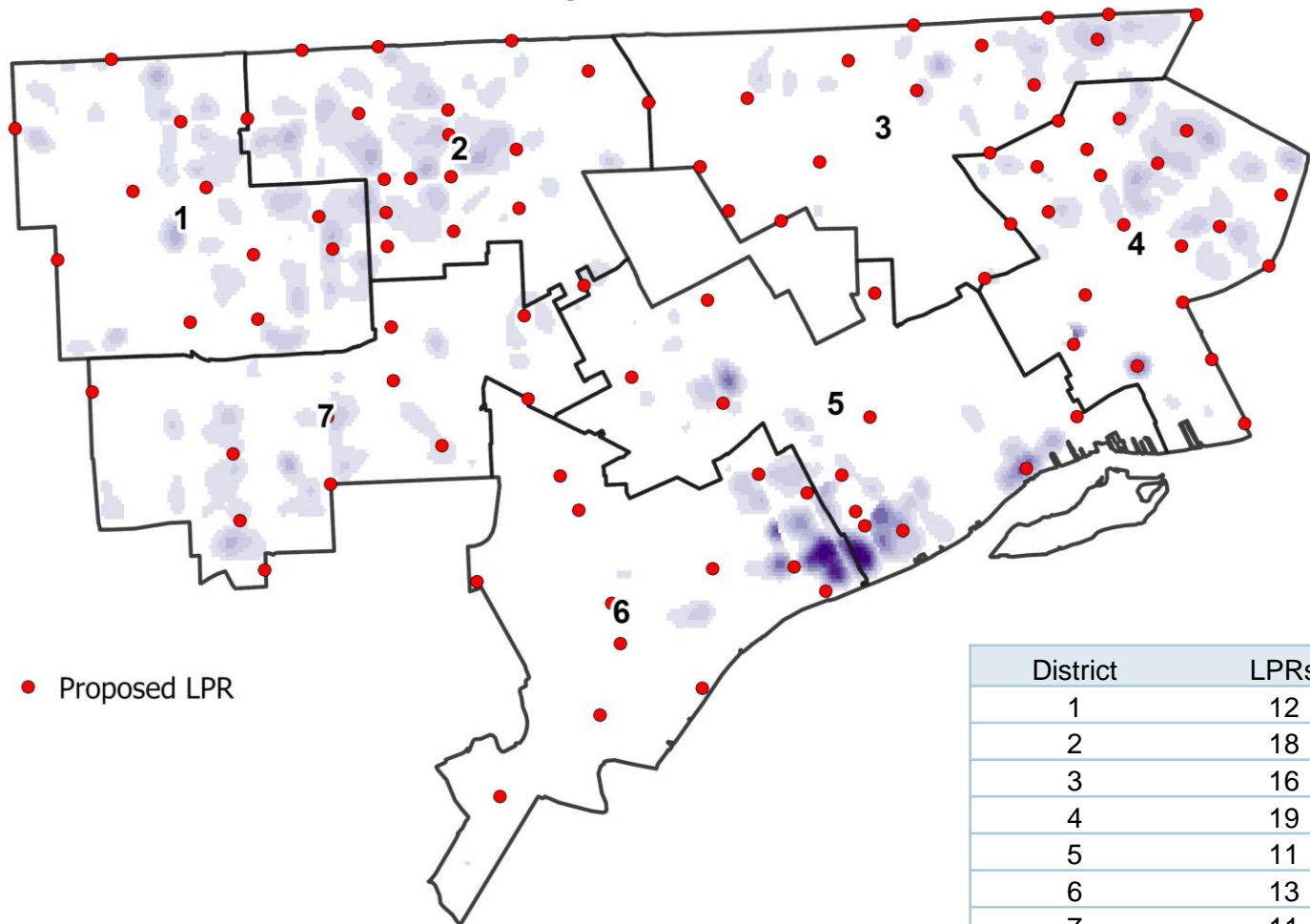
## CATS Auto Theft-LPR two part strategy

### **High Impact Offenders – Continuing Criminal Enterprise (20 year felony)**

- Identifying and apprehending those responsible for multiple auto thefts in the City of Detroit through investigation, sources, tips and outside entities.
- Utilizing all technology – LPR's, camera assets, cell phones, vehicle informatics etc.
- Surveillance – undercover and electronic.
- i.e. Kevin Reed (admitted to involvement in 500 steals last year)
- Terry Williams (catalytic converter UDAA – estimated 300 thefts a year)
- **Inspections**
- Dedicated team – 53 year to date, which would be more than all last year

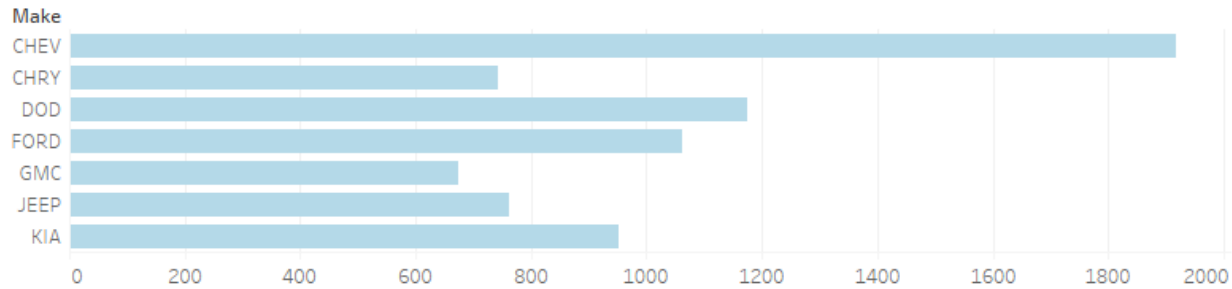


# Proposed LPR Locations and Density of 2022 Auto Theft

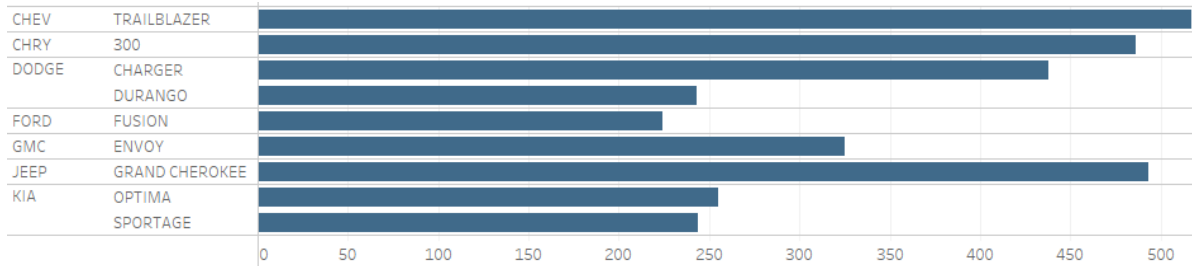




# MV Thefts, Citywide (01/01/2022 - 12/31/2022)



- 2022- 42% increase in auto theft
- Chevrolet Trailblazer
- Dodge Charger



*Note: Only Models with over 200 vehicles stolen are shown in the graph*



## Overall Improvement Strategy

### **Issue: Straight Steals/Car Lots and Pro-Pad thefts**

**Motives- Punched Ignition-for parts/For profit**

### **Strategy:**

- Increase inspections of business (34 from Nov 2022) 2023 goal 20/month
- Target top 5 stolen vehicles in Detroit
- Improved data collection
- Intelligence Gathered
  - Improve interrogation
  - Develop SOI
- Improved investigations
  - Monitor LPR
  - True Call Data/Mapping
  - Tether Monitoring
  - Cellphone(s) Tracking
  - Mapping of thefts/recoveries
  - Using Dumping Cameras
  - Surveillance Operation Conducted

### **Targets Identified**

**Goal: Decrease overall Auto Theft by 10% in 2023**



## Overall Improvement Strategy

### Types of GPS/Tracking Devices

- OnStar
- MyLink
- U-Connect
- Sync
- SiriusXM

### How Tracking/GPS Device can be defeated:

- Antenna or rearview mirror broken off
- Car battery used to connect to jumper cables and then to the frame to short out GPS System

### Tracking/GPS Device is no longer active:

- Most of the time the customer can reactivate remotely through an App

### Carjacking/special circumstances

- Exigent Warrant requests



## License Plate Readers

- LPRs can be hardware or software driven
  - Hardware LPRs read plates
  - Software LPRs read plates, color, and type of vehicle
- Consists of high-speed cameras mounted to fixed locations or patrol vehicles
- Converts data from high resolution images of license plates into machine readable format
  - Provides zoomed out overview photo for context to confirm vehicle based on color, make, model, damage, or other identifying feature
  - Attaches identification, date, time, and location metadata to digital image for use in investigations



## LPR Usage and Protections

- Used by DPD to alert law enforcement officials when the license plate of stolen or wanted vehicle connected to a criminal investigation is identified by an LPR.
- Analysts actively monitor 'hits' of these pre-determined wanted vehicles or research where a wanted vehicle has traveled in recent days.
  - The Real-Time Crime Center called out hits for 105 vehicles since the beginning of the year (1/12/2023 through 3/11/2023) and about 80% of those were recovered.
- Vehicles with no connection to criminal investigations are not looked at from an investigative standpoint.
- LPR data is retained for 30 to 90 days depending on type and vendor.





## LPR Auto Theft Success – Report 2302280372

- On February 28, 2023 at 23:00 Crime Intel called over the radio regarding a positive LPR hit at W/B E 7 Mile and Morang LPR reader on a stolen Chrysler Pacifica.
- A Scout that was in the area observed the vehicle parked at a nearby gas station and arrested the driver.





## LPR Success – Auto Theft – Report 2302260308

- On 02/26/2023 at 21:15 a Jeep Compass was reported stolen from a gas station while parked at a pump.
- On 02/27/2023 at 15:30 Crime Intel called over the radio of a LPR Hit at E/B West 7 Mile and Greenfield for the stolen Jeep Compass.
- A Scout car that was in the area observed the vehicle and performed a traffic stop, arresting the driver and passenger.
- It took less than 24 hours for the vehicle to be recovered and for the suspects to be arrested.





## LPR Success – Auto Theft – Report 2209290043

- On September 23, 2022 a Kia Optima was stolen while parked in the homeowner's driveway.
- On September 29, 2022 at 03:45 Crime Intel called over the radio regarding an LPR Hit at Greenfield and West McNichols on a stolen Kia Optima. The vehicle was heading Northbound on Greenfield.
- A Scout in the area observed the vehicle reversed into a parking spot at a laundry mat and arrested the driver.



## LPR Success – Auto Theft – Report 2209150104

- On September 13, 2022 a Dodge Journey was stolen from the homeowner's driveway. Additionally the homeowner's house was ransacked with numerous items stolen.
- On September 21, 2022 Crime Intel called over the radio an LPR Hit on the stolen Dodge Journey traveling W/B on Jefferson Avenue crossing over Beaubien Street.
- A Scout conducted a traffic stop at Jefferson and Griswold arresting the vehicle occupants.



## LPR Success – Carjacking – Report 2301290042

- On January 29, 2023 a Lyft driver was carjacked by customers at gun point. The victim unsuccessfully tried to ping the location of his cellphone left in the Chevrolet Cruze.
- On that same day, just hours later, there was an LPR Hit at Plymouth Road and Southfield Freeway on the Chevrolet Cruze. The LPR indicated the vehicle was heading westbound on Plymouth Road.
- A Scout in the area located the vehicle parked at a gas station. The Officers were able to arrest the driver of the carjacked vehicle.





## LPR Success – Carjacking – Report 2112060379

- On December 3, 2021 a victim was violently carjacked by her friend. The victim unsuccessfully tried to reach the suspect prior to reporting the incident.
- On December 18, 2021 Crime Intel called over the radio an LPR Hit on the stolen Kia Sportage heading southbound at Beaubien and Monroe.
- A Scout in the area located the vehicle and attempted a traffic stop. The vehicle fled from Officers, but crashed. Officers arrested the offender and recovered a handgun from the vehicle.



## LPR Success – Non-Fatal Shooting– Report 2211220317

- On November 22, 2022 a non-fatal shooting occurred in which the victim suffered one GSW to the left leg.
- A Dodge Ram was identified as the suspect vehicle by Detectives on November 24, 2022.
- One day later, on November 25, 2022 Crime Intel called over the radio an LPR Hit on the suspect Dodge Ram involved in the shooting. The vehicle passed the LPR at West McNichols and Greenfield heading westbound on McNichols.
- A Scout in the area performed a felony stop of the vehicle and arrested the suspect.

