

 ShotSpotter[®]



ShotSpotter

- The Atlanta Police Department, in partnership with Georgia Power, is conducting a pilot of the ShotSpotter Gunshot Detection Technology.
- The pilot was intended to be for 1 year at the cost of \$250,000.
- The ShotSpotter deployment covers a 5 square mile area.
- One Zone began responding to ShotSpotter Alerts effective November 13, 2018.
- GSU, Criminal Justice Dept. is conducting an analysis of the program.

ShotSpotter

- ShotSpotter Technology can pinpoint the exact location where a gunshot has been fired 24 hours a day, 7 days a week.
- ShotSpotter Alerts will notify us of possible gunfire within 30-45 seconds, and give the precise location, normally within 20 feet.
- ShotSpotter enables officers to respond swiftly and precisely to shots fired calls.
- Police responsiveness, additional evidence collection, arrests, and community support will reduce violent crime and illegal weapon discharges.

ShotSpotter – Goals

- Reduce violent crime, and illegal firearm discharges.
- Reduce response time to arrival on scene of a firearm discharge.
- Recover more evidence.
- Identify more illegal shooters.
- Increase arrests of those involved in illegal gunfire incidents.
- Strengthen trust between community & police.
- Improve and increase witness cooperation.

ShotSpotter Respond

- Laptops (All MDTs)



- Mobile Devices

- Officer choice

- Tablets with Internet

- Officer choice



Dashboard



Click here to view the incident

The screenshot displays the ShotSpotter Respond interface. The main map shows an urban area with various streets and landmarks. A red outline highlights a specific area on the map. Within this area, there are several yellow markers with numbers: 1, 24, 6, 4, and 7. Two red labels 'ShotSpotter' are positioned near the markers. A blue popup window is overlaid on the map, displaying the following information:

- Metropolis A
- TODAY 07:46:46
- AREA Beat 3
- CAD
- ROUNDS 7

The popup window also features a small inset map showing the current location on a larger scale, which is highlighted with a red square. At the bottom of the interface, there is a navigation bar with the following elements:

- A hamburger menu icon.
- 58 RESULTS
- 24 HOURS
- ShotSpotter Respond logo
- ZOOM OUT button
- ZOOM IN button
- SINGLE button

At the bottom left, the ShotSpotter logo is displayed. At the bottom right, there is a small text area with 'Map data ©2018 Google', 'Terms of Use', and 'Report a map error'.

View the Incident

The screenshot displays the ShotSpotter Respond mobile application interface. On the left is a dark sidebar menu with the following options: a back arrow, 'Metropolis A', 'DETAILS', 'Today 09:46:51 Area: /Beat 3', 'CAD: Incident: 9900-92626', 'STREET VIEW', 'AUDIO' (with a play button and a progress bar at 0 secs), and 'COMMENTS MOST RECENT'. At the bottom of the sidebar is a search bar with 'Metropolis A' and a 'DETAILS' button. The main area shows an aerial satellite map of a residential neighborhood. A yellow circle highlights a specific location, with a yellow pin labeled '4' and a red line indicating a distance of '82'' to another point. Street names 'Green St' and 'Camphor Way' are visible on the map. At the bottom of the map, there is a copyright notice: 'Map data ©2018 Google Imagery ©2018, CNES / Airbus, DigitalGlobe, U.S. Geological Survey | Terms of Use | Report a map error'. The bottom navigation bar includes a search icon, 'Metropolis A', a notification badge with '4' and '14 minutes ago', the 'ShotSpotter Respond' logo, and three control buttons: 'ZOOM OUT', 'ZOOM IN', and 'MULTIPLE'.

Details Tab Open: Street View



Shot Spotter Report

Week 48: Nov. 25 - Dec. 1

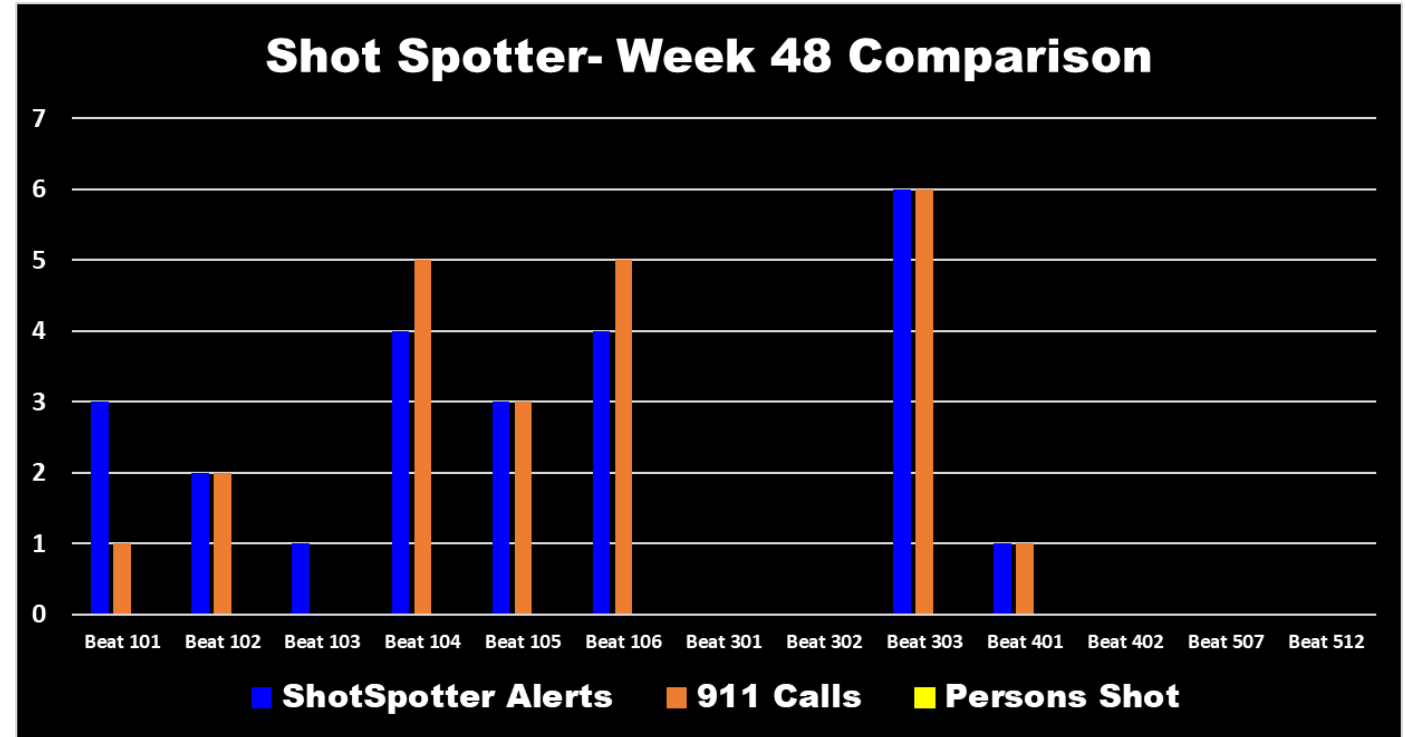
Atlanta Police Department



BEAT	ShotSpotter Alerts	911 Calls	Persons Shot
Beat 101	3	1	0
Beat 102	2	2	0
Beat 103	1	0	0
Beat 104	4	5	0
Beat 105	3	3	0
Beat 106	4	5	0
Beat 301	0	0	0
Beat 302	0	0	0
Beat 303	6	6	0
Beat 401	1	1	0
Beat 402	0	0	0
Beat 507	0	0	0
Beat 512	0	0	0
	24	23	0

* 911 Calls include: Signal 25 (Shots Fired) and Signal 50 (Persons Shot)

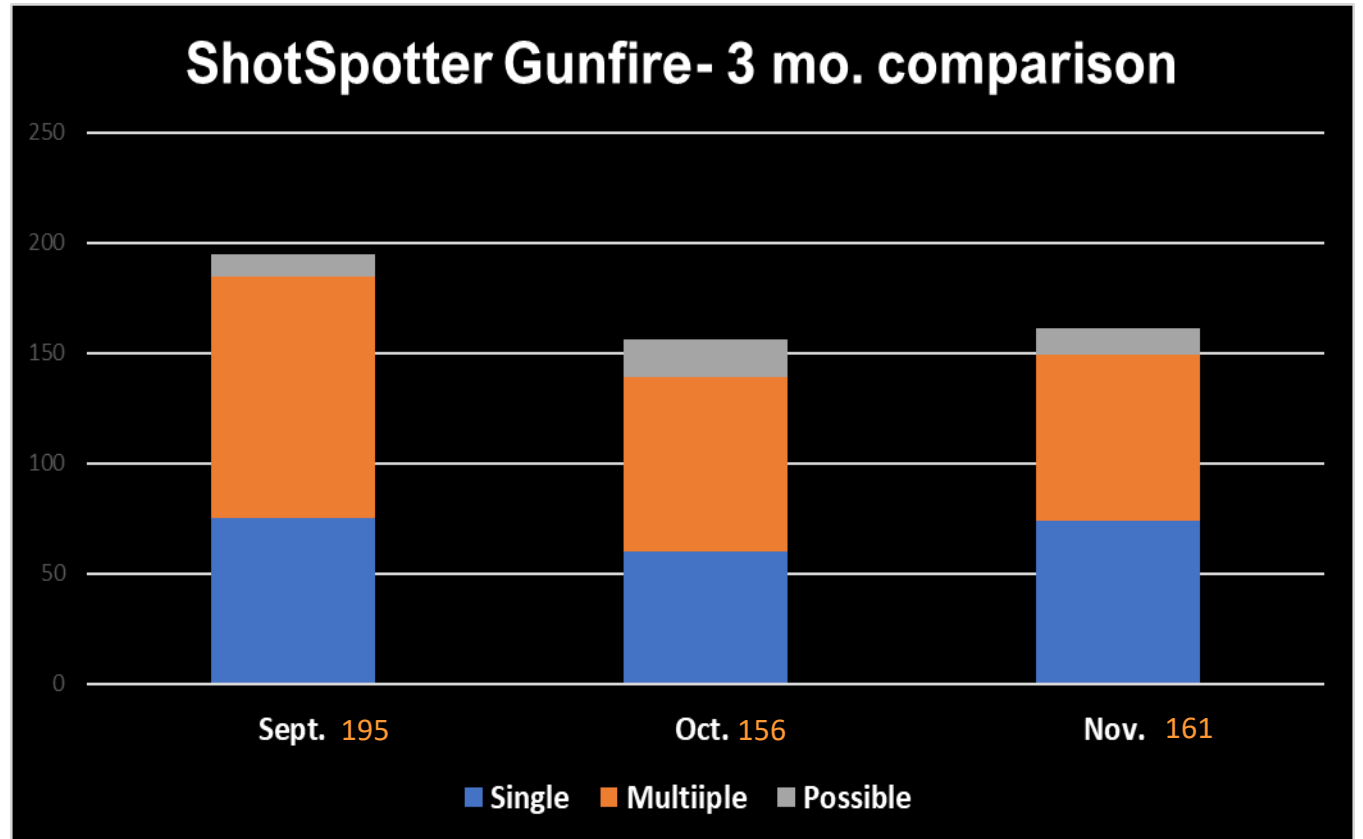
**** CALL RATE: 96%**



During week 48, the 911 Calls for Shots Fired were very close in number to the Shots Fired reported by Shot Spotter. There were no Persons Shot for the week.

Atlanta, GA Gunfire

- In the Shot Spotter area, Gunfire decreased 20% from September to October. However, from October to November it showed an increase of 3%.



ShotSpotter – System Performance

- ShotSpotter requires 3-4 sensors to “hear” an incident before an alert is generated
- *Occasionally* incidents will not be alerted by the system
 - Indoor/Muffled
 - Location
 - Environmental factors

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