MILWAUKEE POLICE DEPARTMENT
Intelligence Fusion Center

ShotSpotter Program Progress Report Quarter 3 2014

ShotSpotter Program Notes

Beginning in June 2014 (prior to the expansion) the Neighborhood Task Force (NTF) commenced a directed patrol mission within the ShotSpotter (SST) coverage area between 1am-3am to decrease gunfire.

Comparative Analysis

On August 11, 2014, the Intelligence Fusion Center (IFC) analysts conducted a comparative analysis for the coverage area and for the specific deployment period. For June, the SST coverage area experienced a 41% reduction in gunfire compared to 2013. During the 1am-3am deployment period the reduction was 49%. For July, the SST coverage area experienced a 43% reduction in gunfire compared to 2013. During the 1am-3am deployment period the reduction was 54%. **See attachment for further details.**

Progress Timeline

- August 18, 2014, Data Quality Validation was completed.
- August 19, 2014, installation and calibration of sensors was completed.
- August 21, 2014, the ShotSpotter expansion areas went live.
- September 30, 2014, Information Systems completed the ShotSpotter software update installation to all deployed Mobile Data Computers (MDC).

Gunfire Incident Detections

Between August 21, 2014, and October 10, 2014, the expanded SST system has detected 1,065 incidents of gunfire. The North coverage area detected 966 incidents of gunfire which consisted of 4,389 gunshots. The South coverage area detected 99 incidents of gunfire which consisted of 304 gunshots.

Future Issues

Preliminary discussions have occurred between the city and the county to develop an inter-operability plan for SST responses in county parks. The primary issue to mitigate is the chance of a "friendly fire" incident for a multi-jurisdictional response.

Police Officer Ryan McNichol of the IFC has been designated at the SST Program Coordinator. He is creating a SST tracking database that is coming on line this month and will allow outcomes (located victim, arrest, and the recovery of evidence) to be easily tracked and evaluated.