

# PEORIA POLICE DEPARTMENT MEMORANDUM



To: Chief of Police – Loren Marion III

From: Jacob Moushon

Date: March 11, 2019

Subj: ShotSpotter Log – 2018 – 2019YTD / Statistics

Task: Create a raw data sheet that includes all ShotSpotter alerts for the year 2018 year to date 2019 (1/1/2018-03/01/2019). Create a simple statistics sheet of ShotSpotter resulting in police activity/forensics.

# Shooting Incidents	78 (46.2% or 36 incidents w/a ShotSpotter alert)
# Shooting Victims	86 (46.5% or 40 victims w/a ShotSpotter alert)
# Shooting Murders	22 (50.0% or 11 victims w/a ShotSpotter alert)

\*\*\*Shots fired will most likely not be sensed by ShotSpotter if the shot is fired indoors or from the inside of a vehicle. Only the areas zoned by ShotSpotter sensors will sense when a shot is fired.

- # Ballistics ran as a result of a ShotSpotter alert = 212
- # Guns matched to other ballistics as a result of ShotSpotter = 134 (63.2%)
- # Guns with no leads as a result of ShotSpotter = 78 (36.8%)
- # Total guns recovered and ran through NIBIN as a result of ShotSpotter = 16

\*\*\*Shell casings were gathered as evidence from a crime scene when a ShotSpotter alert and/or gun was recovered and test fired. Some guns were later recovered as evidence from an investigation that first began with a ShotSpotter alert. Gun seizures could come traffic stops, crimes in progress, or stolen/recovered guns, or found property.

- # Total of ShotSpotter alerts (not examined for actual shots fired accuracy) = 1156
- # ShotSpotter alerts (examined for shots fired accuracy) = 799

\*\*\*Examined count does not include 126 ShotSpotter alerts sensed by the Peoria Police Department gun range (54) or fireworks during New Year's Eve (64)/Independence Day (8).

Below statistics occurred on the scene of the actual ShotSpotter alert:

- # ShotSpotter alerts where a gun was seized from an arrestee = 22
- # ShotSpotter alerts where a suspect was interviewed = 87
- # ShotSpotter alerts where an offender was arrested = 28
- # ShotSpotter alerts where property damaged occurred = 84