

PEORIA POLICE DEPARTMENT MEMORANDUM



To: Chief of Police – Loren Marion III

From: Jacob Moushon

Date: February 28, 2020

Subj: ShotSpotter Log – 2019 – 2020YTD / Statistics

Task: Create a raw data sheet that includes all ShotSpotter alerts for the year 2019 year to date 2020 (1/1/2019-02/28/2020). Create a simple statistics sheet of ShotSpotter resulting in police activity/forensics.

# Shooting Incidents	88 (79.1% or 67 incidents w/a ShotSpotter alert)
# Shooting Victims	102 (62.7% or 64 victims w/a ShotSpotter alert)
# Shooting Murders	19 (73.6% or 14 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 = 338
- # Guns matched to other ballistics as a result of ShotSpotter = 210 (62.1%)
- # Guns with no leads as a result of ShotSpotter = 128 (37.8%)
- # Total guns recovered and ran through NIBIN as a result of ShotSpotter = 42

***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) 1034

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

- # ShotSpotter alerts where a gun was seized from an arrestee = 18
- # ShotSpotter alerts where a suspect was interviewed = 30
- # ShotSpotter alerts where an offender was arrested = 21
- # ShotSpotter alerts where property damaged occurred = 107