What is ShotSpotter?

- Data driven, precision policing

- Only detects outdoor gunfire

- Coverage area determined by data associated with shootings and discharging firearms calls for service

- Sends officers to the right location, helps locate evidence and victims

- System went live on August 19, 2021

- Three square mile coverage area

ShotSpotter Data

➤ **TOTAL ALERTS: 1,398**
- 78% of these alerts did NOT have corresponding 911 call for service
- 22% of the alerts did have a 911 call associated with the incident

➤ **TOTAL SHELL CASINGS RECOVERED IN COVERAGE AREA   ALONE: 3,678**

Same time period last year: 4,317 shell casings recovered **citywide** between WSPD and FCSO

ShotSpotter Data

- **99% detection rate to include:**
  - ➤ 3 missed incidents
  - ➤ 1 Mislocated event
  - ➤ 13 misclassified incidents
  - ➤ 7 false positives
  - ➤ 6 false negatives
- **47 firearms recovered**
- **55 ShotSpotter alerts involving a victim, 27 total victims**
- **2 lives saved**

WSPD Use of ShotSpotter

- Improve community relationships
- One piece of the puzzle
- ShotSpotter success depends on how the system is used
- Data and performance independently tracked by WSPD
- "Ground Truth" reports by WSPD to ShotSpotter
  - Helps to correct the data and improve the system

ShotSpotter Success Story
(Martin Luther King Jr. Boulevard)

ShotSpotter Success Story
(Patterson Avenue)