



Chicago ShotSpotter Review

Metrics, Victims, Impact, July 4th Analysis

September 6, 2024

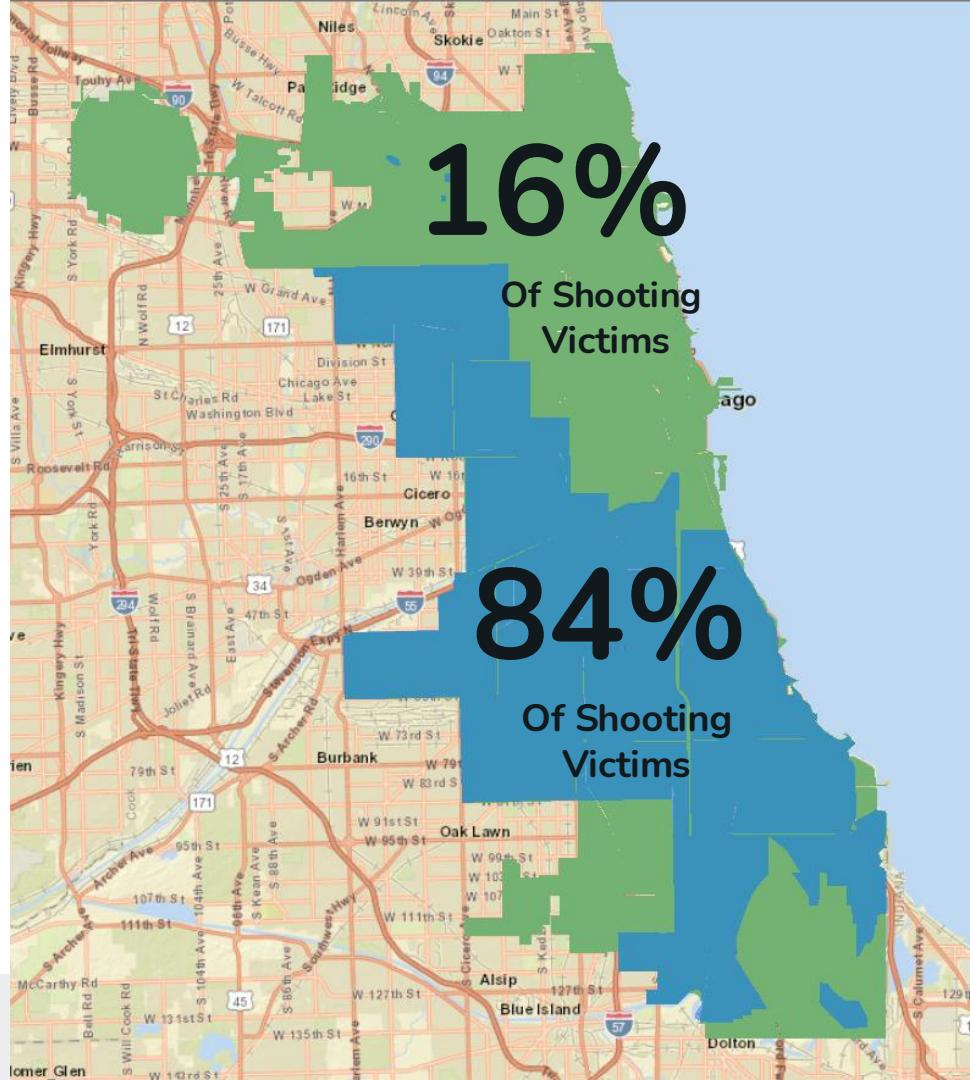
84% of Shooting in ShotSpotter Areas

Date Range: January 1, 2024 – August 31, 2024

ShotSpotter covers 50% of the city (117 square miles), where 84% of shooting victims are located.

Source:

<https://data.cityofchicago.org/Public-Safety/Violence-Reduction-Victims-of-Homicides-and-Non-Fa/gumc-mgzr/data>



ShotSpotter Alerts

Date Range: July 3, 2024 – July 7, 2024

ShotSpotter in Chicago

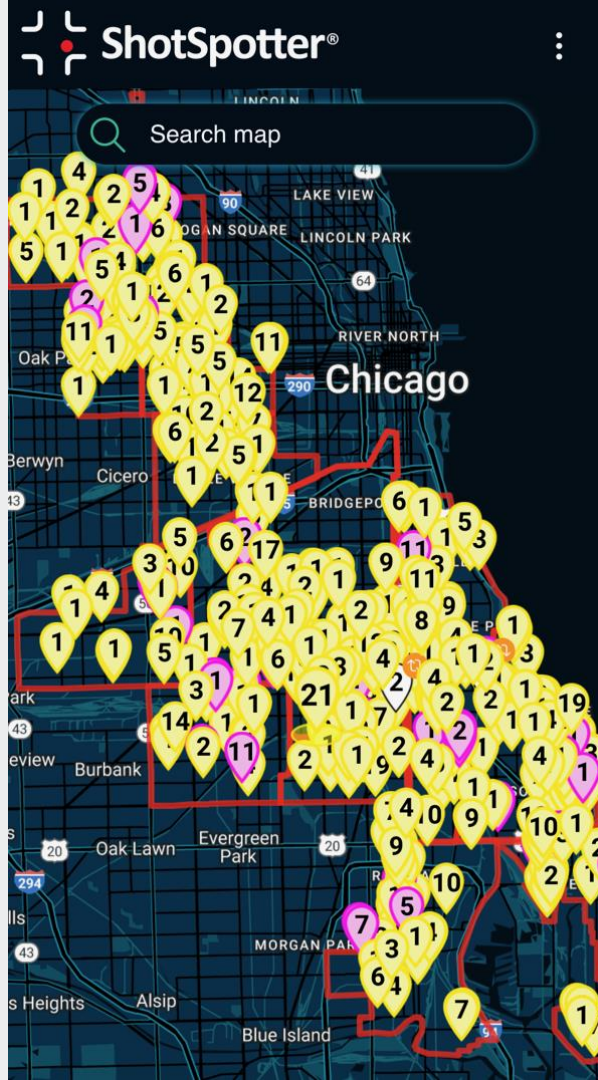
- 12 Police Districts
- 117 sq miles

Independence Day/Weekend

- 701 Gunfire Alerts
- 3,124 Rounds Fired

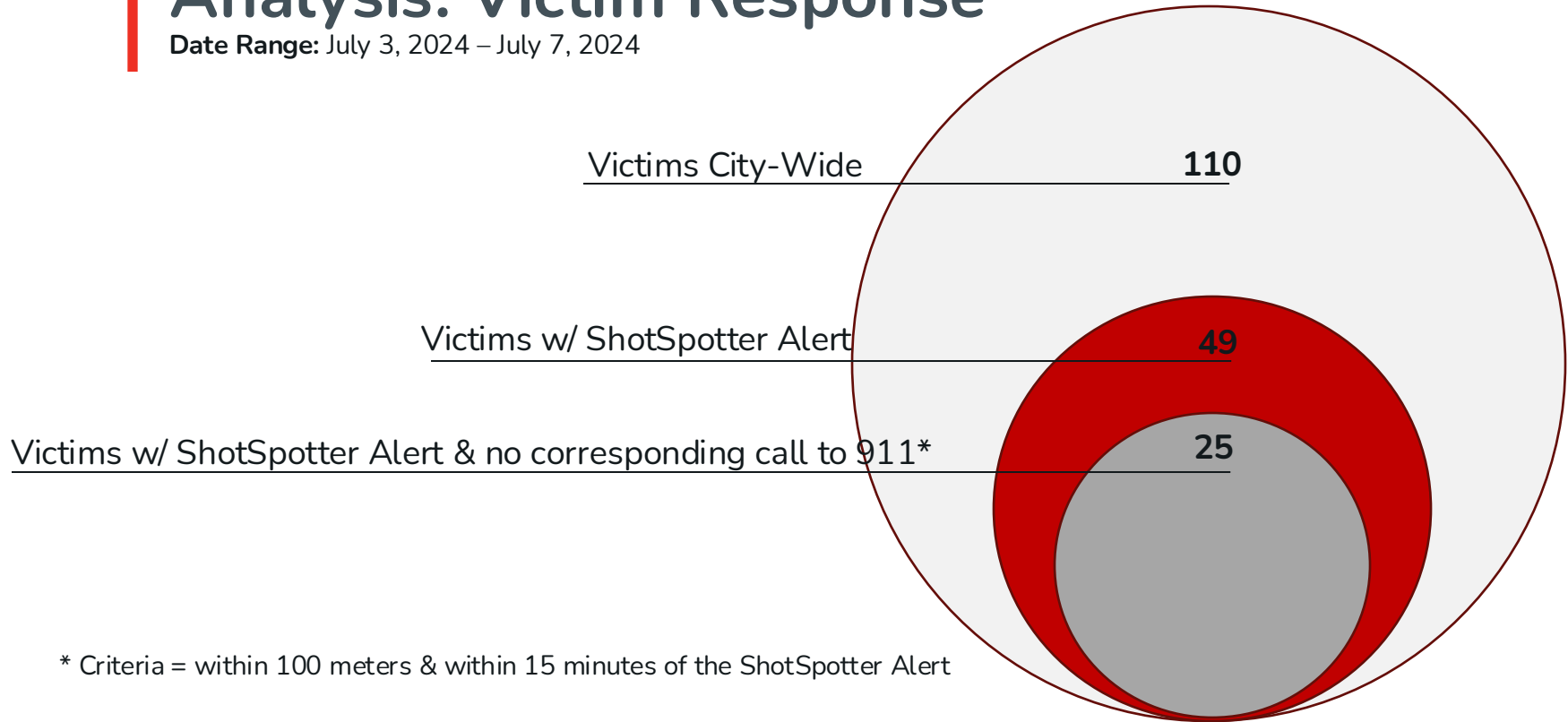
Shooting Victims

- 110 gunshot victims city-wide
- Source: Mayor's Violence Reduction website



Analysis: Victim Response

Date Range: July 3, 2024 – July 7, 2024



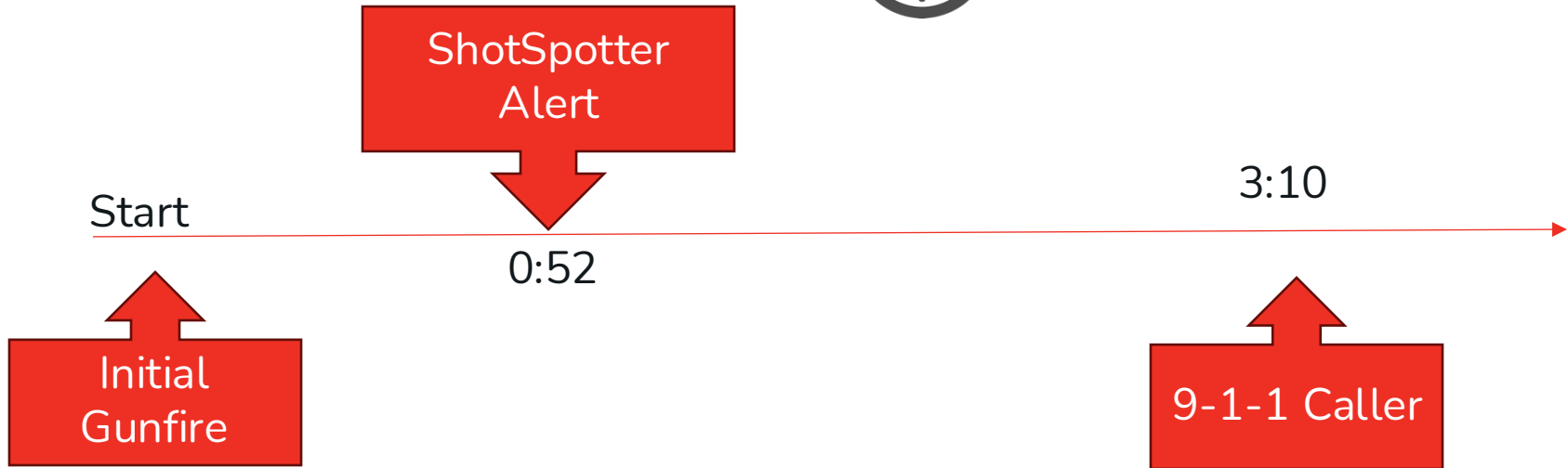
* Criteria = within 100 meters & within 15 minutes of the ShotSpotter Alert

ShotSpotter Alerts Much Faster than 911

Date Range: July 3, 2024 – July 7, 2024



During the Independence Day/Weekend, ShotSpotter alerts were sent to Chicago PD **2 minutes and 18 seconds** faster than a 911.

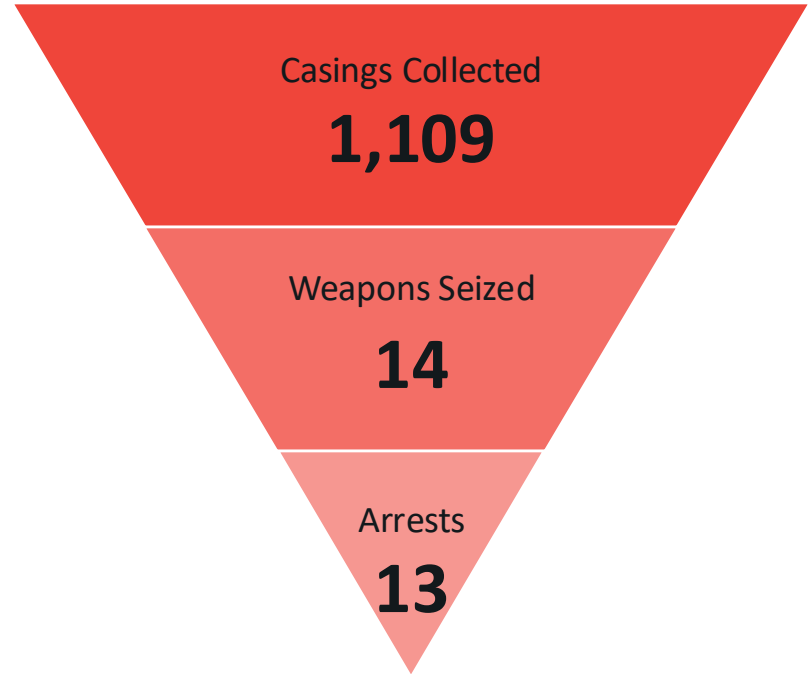


ShotSpotter: evidentiary and arrest impact

Date Range: July 3, 2024 – July 7, 2024

CPD responses to incidents where there was a ShotSpotter alert.

In addition to arriving on the scene where there was a shooting victim, CPD collected shell casings, seized firearms, and made arrests.



Source: Chicago Police Department Data Fulfillment and Analysis Section, report dated 8/30/24

Chicago Police Dashboard – ShotSpotter Events

January 1, 2024 – August 31, 2024

January 1, 2024 - August 31, 2024

Metric:	Totals	Without a 911 Caller		With a 911 Caller	
		Qty	Percent	Qty	Percent
ShotSpotter Alerts	29,829	21,724	73%	8,105	27%
Aid Rendered to a Gunshot Victim	143	7	5%	136	95%
Shell Casings Recovered	29,214	4,961	17%	24,253	83%
Firearms Recovered	470	88	19%	382	81%
Arrests Made	451	91	20%	360	80%

Metric:	Minutes
Response Time for Shooting Incidents:	
ShotSpotter Alert (only)	11.9
Caller (only)	14.3

Metric:	Totals
SLA Performance:	
ShotSpotter Alerts	27,196
ShotSpotter Misses & Mislocates	99
Performance	99.6%

[Source: ShotSpotter Events | Chicago Police Department](#)

FOIA Request – ShotSpotter Events – Shooting Victims

January 1, 2023 – July 31, 2024

2023 Shooting Victims	Fatal	Non-Fatal	Total
With a ShotSpotter Alert	311	1,289	1,600
With ShotSpotter Alert & related call to 911	301	1,229	1,530
With ShotSpotter Alert & no call to 911	10	60	70

YtD 2024 (Jan 1 - Jul 31) Shooting Victims	Fatal	Non-Fatal	Total
With a ShotSpotter Alert	146	687	833
With ShotSpotter Alert & related call to 911	141	656	797
With ShotSpotter Alert & no call to 911	5	31	36

Jan 1, 2023 - Jul 31, 2024) Shooting Victims	Fatal	Non-Fatal	Total
With a ShotSpotter Alert	457	1,976	2,433
With ShotSpotter Alert & related call to 911	442	1,885	2,327
With ShotSpotter Alert & no call to 911	15	91	106

Source: CPD Data Fulfillment and Analysis Section – August 8, 2024




Appendix



saveshotspotter @saveshotspotter

Beat Car 422 was handling a car-jacking crime scene were fired upon. Responding units initially unable to pinpoint location. [#ShotSpotter](#) immediately located at 7614 S Dante with 4 rounds that came from the backyard and 2 from the alley.

@CourtSpinelliTV



GUNFIRE INCIDENT
SST
7600 block S Dante Ave
Sunday 08/25/2024 @ 09:57 AM

0:00

WGN Morning News @WGNMorningNews · Aug 25

Police said officers were conducting a follow-up investigation just before 10 a.m. in the 7600 block of South Dante Avenue in Grand Crossing when at least one person fired shots toward them.

wgntv.com/news/chicagocr...

← **Post**

Spot News @SPOTNEWSonIG **Follow**

004:

2 shot, 2958 E 90th St

Boy/15 - R flank / abdomen

M/31 - R hand, R leg

[#Chicago](#) [#ChicagoScanner](#)

the [#ShotSpotter](#) got a hit for 20 rounds in the parking lot at 9010 S Commercial, full auto.

9:02 PM · 6/24/24 From Earth · 13K Views

9 Reposts 52 Likes 1 Bookmark

#ShotSpotter got hit for 20 rounds.. full auto

Alderman Hopkins @AldermanHopkins

44,000 shooting incidents in 2023, 7% increase from last year, 15% increase from 2020. will this trend continue? Canceling ShotSpotter means we won't know, because 80% of shots-fired incidents aren't reported to 911. Eliminating a gunshot detection system only benefits criminals

15:56 · 2/13/24 From Earth · 27K Views

45 Reposts 6 Quotes 380 Likes 10 Bookmarks

Eliminating #ShotSpotter benefits criminals

Pinned

CWBChicago @CWBChicago · 1h
Since Sunday, ShotSpotter has:

- Sent cops to a murder scene that nobody called about
- Allowed cops to arrive at another shooting scene within 60 seconds

Per Mayor Brandon Johnson, #Chicago will end its ShotSpotter contract on September 22.



ShotSpotter sends cops to murder scene that nobody called about, gets cops t...

From cwbcchicago.com

20 106 308 34K

4:21
Messages

Post

Tom Ahern @TAhern_ Follow

. #ShotSpotter Leads to Arrest for Attempted Murder @ChicagoCAPS10 @Area4Detectives #ChicagoPolice

Chicago Police @Chicago_Police · 1d



6:59 AM · 6/24/24 From Earth · 11K Views

7 Replies 1 Quote 41 Likes 1 Bookmark

#ShotSpotter got hit for 20 rounds.. full auto

10:20

Post

Spot News @SPOTNEWSonIG Follow

Shots fired, 7 rounds heard at 12151 S Harvard. #ShotSpotter

EMS is rolling for a call of a person shot, possibly a postal carrier.

bonafide, a postal carrier was shot!

looking for a white Dodge Durango w/ a black stripe, fled w/b from Harvard.

#DelayedDueToEncryption
#Chicago #ChicagoScanner

10:17 AM · 7/19/24 From Earth · 51K Views

42 Replies 15 Quotes 156 Likes 12 Bookmarks

7 rounds heard