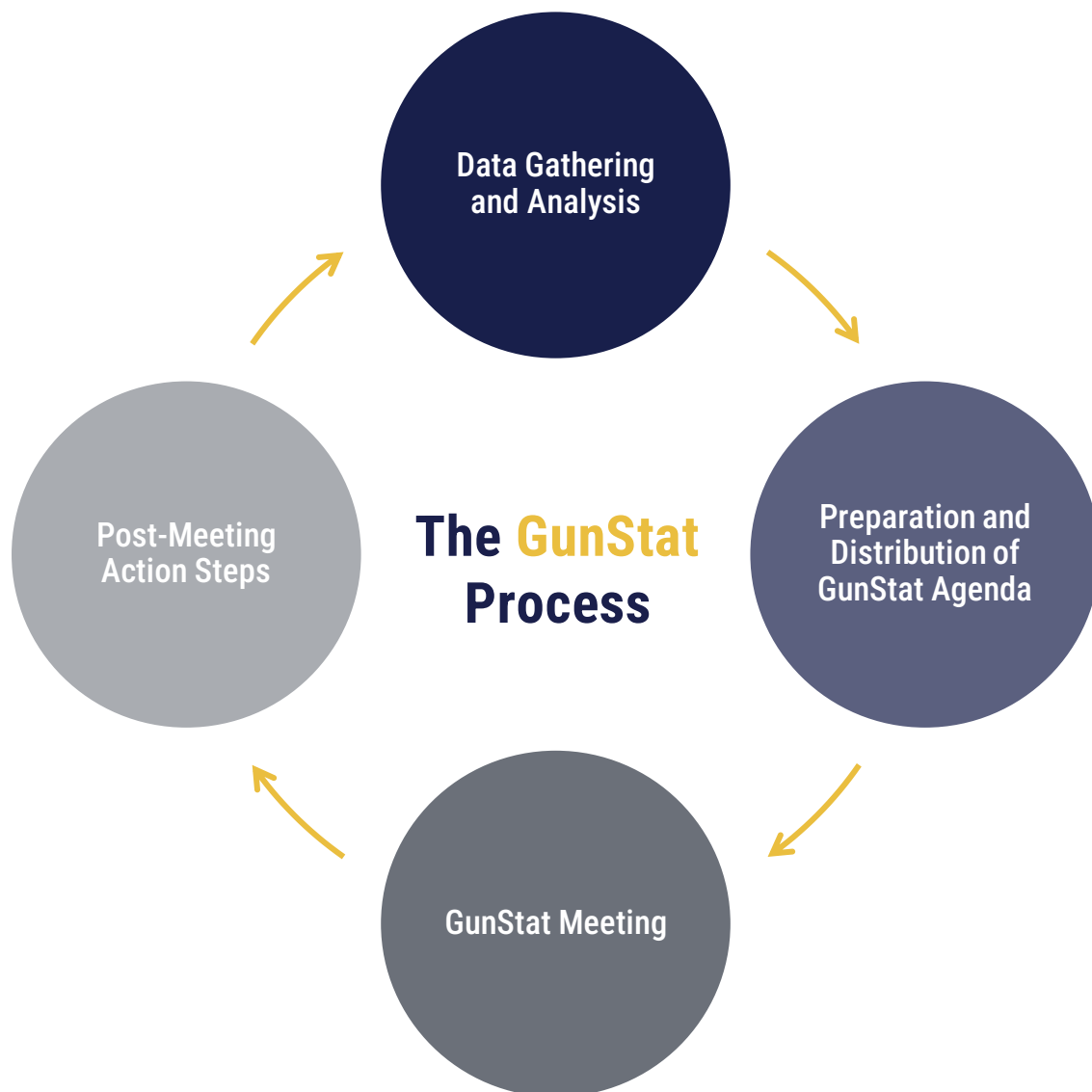


### The GunStat Process

The GunStat model provides a process for sharing data systematically, discussing challenges collaboratively, and leveraging existing resources to disrupt gun offenders. The process involves readily collecting and distributing data between agencies, analyzing trends in gun cases, and regularly meeting to review cases and discuss challenges.

**Figure 1:** The GunStat Process



### Data Gathering and Analysis

The GunStat process begins with the gathering and analysis of gun-related data. Many jurisdictions initiate this process by monitoring daily gun arrests. These gun arrests are methodically screened for federal prosecution and evaluated by trained crime analysts to identify patterns, trends, and anomalies within gun cases. The analysts use cross-agency data to examine the offender's criminal history, National Integrated Ballistic Network (NBIN) patterns, and conditions of bail, probation, and parole.


**In Baltimore, a small group of federal task force officers examined daily gun arrests to determine if the offender was eligible for federal prosecution. The task force team then worked with the assigned federal and local prosecutors to determine the most appropriate venue for prosecution. While this process was occurring, analysts in the Mayor's Office of Criminal Justice began tracking the case, compiling data, and examining trends across cases and offenders. A shared database was created to centralize intelligence and track gun cases. It was made accessible to all the participating GunStat agencies.**

**Figure 2:** Example of Baltimore's shared database used to centralize intelligence and track gun cases

The screenshot displays the GunStat Toolkit search interface, which is organized into several sections for filtering gun cases. At the top, there is a "Search" button. Below it, the "ID" section includes fields for SID #, LastName, FirstName, and DOB, along with Age, Zip Code, and Batch/Hand Entered Case (with radio buttons for No, Yes, and Both). A checkbox for "Include Reverse Waiver and Expunged" is also present. The "Charges" section features a "Gun Charge" dropdown, "Arrest Date" range, "Released Date" range, "Released On Bail" radio buttons, "Bail Set by Court Comm." dropdown, "Bail Review by Judge" dropdown, and checkboxes for "Prior Arrest", "Prior Convictions", "Gun Arrest", "Prior Gun Convictions", and "Federal Sig Conv". The "Parole/Probation" section has checkboxes for "N/A", "Probation", "Parole", "Mandatory Release", and "PBJ". The "State Attorney's Office" section includes "Next Court Date" range, "Date of Final Disposition" range, "Case Disposition State Court" checkboxes (Guilty, Not Guilty, PBJ, Not Pros, STET, Acquitted, Dismissed, Reverse Waiver, NCR), "Sentence (in months)" dropdown, "Suspended (in months)" dropdown, "Probation" dropdown, and fields for "District Court Case #", "Circuit Court Case #", "State Tracking #", "Judge", and "ASA Currently Assigned".

In Wilmington, Delaware, an experienced crime analyst within the police department completes a comprehensive review using cross-agency data and creates an information synopsis on every gun arrest. This report is then forwarded to designated individuals within all of the GunStat agencies, and the case is tracked on a detailed spreadsheet. GunStat agencies use this information to quickly triage and prioritize actions on specific cases and offenders.

**Figure 3:** Example of an information synopsis of a gun arrest prepared by a Wilmington analyst and distributed to all GunStat agencies

Date: FR 07/14/23 2000	Location: 799 W. 11 <sup>th</sup> St.	District: 16	Arresting Unit: Safe Streets	Case #: 30-23-6666
Weapon: S&W SD40VE.40	Serial #: [REDACTED]	29Status: Negative	NIBIN: No	Trace: purchased 10/02/00 by [REDACTED] @ Millen Gun Center (New Castle, DE)
<p><b>Case Summary:</b> On Friday July 14<sup>th</sup> at approximately 2000 hours, members of Safe Streets were on proactive patrol in the West Center City area when they observed John Doe 01/01/1998 riding an electric bike westbound on a sidewalk in the 700 block of Wilson St. Officers activated the police vehicle's emergency lights and siren in attempt to stop John Doe, however, he fled from officers on the electric bike. Officers pursued Doe to 5<sup>th</sup> and Harris Streets where he began to manipulate a fanny pack style bag that was draped over his chest. Fearing he was attempting to produce a firearm, an officer deployed his CEW, causing Doe to drop the bag and fall to the ground. Doe was taken into custody without further incident. Officers quickly recovered the bag and found it to contain a Smith &amp; Wesson .40 caliber handgun as well as 62.3 grams of marijuana. Doe was transported to Wilmington Hospital where he was treated. Doe was transported to Central where he was booked on the firearm charges. Doe was on level 3 probation and a GVI candidate at the time of this arrest. A probation administrative warrant was completed regarding this arrest. It should be noted that Doe was the victim of a shooting one month prior on the east side of the city. Additionally, Doe is known to be a member of "Team A" (MGS).</p>				
<p>Name: John Doe SBI: 00555555 DOB: 01/01/1998 Age: 24 Address: [REDACTED] Gang Affiliation: MGS / Team A Probation: Level 3 Person Prohibited: Yes Employment: Unknown WPD Shooting Victim: 2021 x2, 2022, 2023</p>				
<p><b>Offender History:</b> 5 prior Gun Arrests 28 prior Felony Arrests → 3 pending → 6 Convictions 25 prior Misd Arrests → 6 Convictions</p>		<p>Charges: PFBPP x3, CCDW, Possess MJ, Resisting Arrest Bail: \$45,201 secured DOC Status: Detention Hold - HRYCI Prelim Hearing: 07/24/23 Grand Jury True Bill: 02/12/24</p>		
<p><b>Felony Arrest History / Convictions:</b></p> <p>11/16/2014 (WPD): PFBPP (Juvenile) / Possession MJ / Criminal Impersonation → pled to CCDW (Juvenile Found Delinquent) – Sentence: Snowden Cottage 12 weeks -pedestrian stop 899 Harris St; found to be in possession of marijuana; search of cellphone revealed a picture of the defendant holding a firearm; consent was given to search his bedroom where officers found (2) live rounds of .380 ammo **NO WEAPON RECOVERED**</p> <p>08/25/2015 (WPD): PFBPP x2 / CCDW / Conspiracy 2<sup>nd</sup> – Nolle Prosequi -E 11<sup>th</sup> &amp; N Wilson St; MV stop; two firearms recovered; Beretta .22 &amp; Ruger LCP .380</p> <p>01/01/2016 (WPD): PFBPP x2 / CCDW / Resisting Arrest → pled to (1 count) PFBPP (Juvenile Found Delinquent) – Sentence: 6 months Ferris -1999 N Right St for Shot Spotter alert; John Doe was on scene, fled from officers and was observed discarding a HiPoint .40</p> <p>02/03/2017 (New Castle City PD): RSP Over \$1500 – Sentence: 2 years suspended to 6 months partial confinement</p> <p>04/05/2018 (Plummer Center): Escape After Conviction – Sentence: 2 years suspended after serving 4 months</p> <p>08/25/2018 (WPD): PFBPP x2 / CCDW / Receiving Stolen Firearm – Nolle Prosequi (Without Prejudice) -599 Pines St MV stop; Ruger LCP .380 located in the vehicle; firearm reported stolen out of North Carolina</p> <p>09/10/2020 (WPD): PFBPP x2 / CCDW / Possess MJ / Resisting Arrest → pled to CCDW – Sentence: 8 years suspended after serving 6 months -699 Left St pedestrian stop on wanted subject; Doe fled on foot and discarded a Rock Island Armory .45 handgun; Doe also found to be in possession of 29.83 grams of marijuana</p> <p>07/14/2022 (NCCPD): PWID x2 / Possess CS / Conspiracy 2<sup>nd</sup> → pled to (1 count) PWID – Sentence: 8 years suspended to 1 year probation -crack cocaine, heroin and marijuana drug investigation</p> <p>01/24/2023 (WPD arrest 05/08/23): Burglary 1<sup>st</sup> / Assault 2<sup>nd</sup> / Conspiracy 2<sup>nd</sup> / OT / Criminal Mischief Under – pending – domestic related</p>				

**Figure 4:** Example of portions of the GunStat spreadsheet used in Wilmington to track all gun arrests

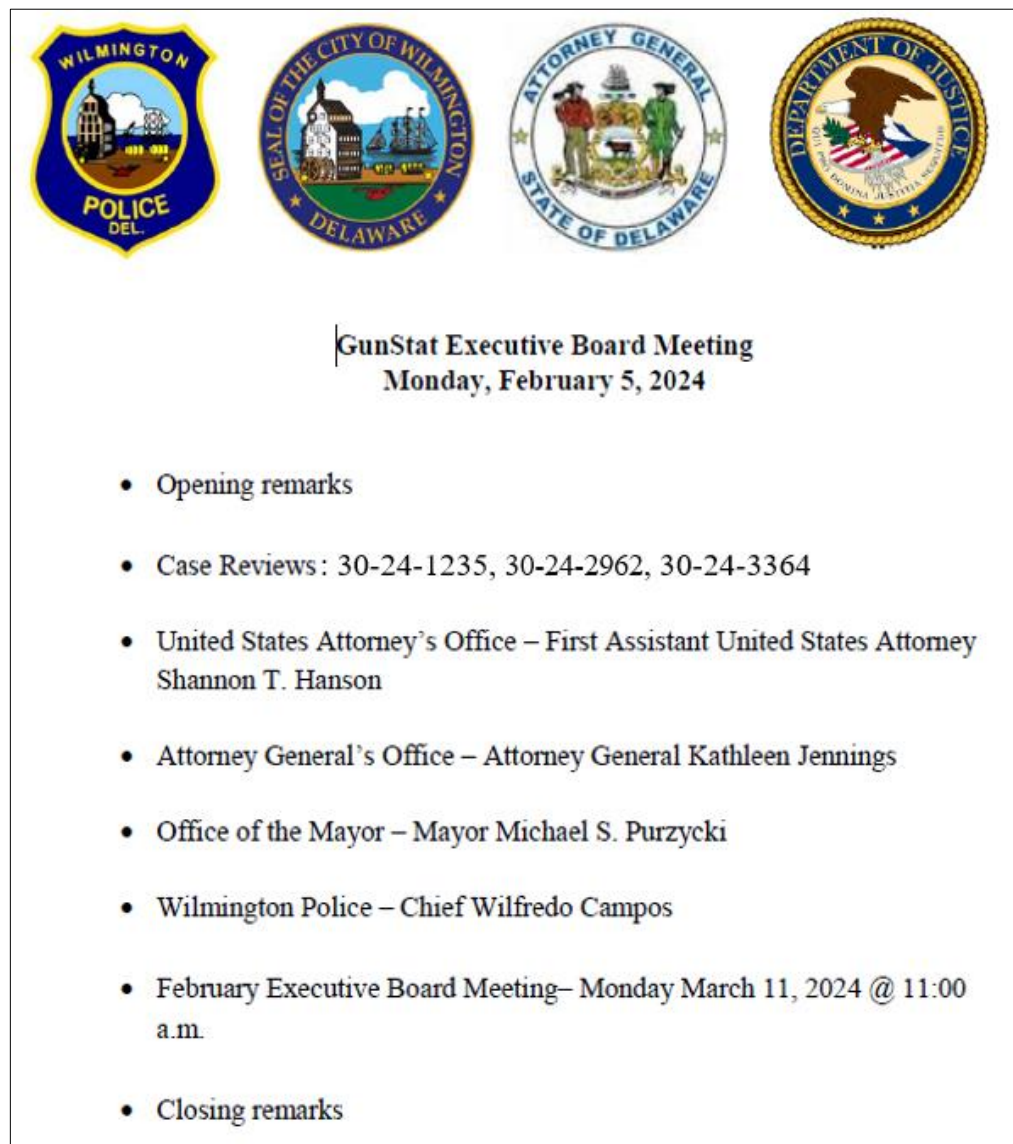
WPD Case Number	Date of Arrest	Time	Age	Arrest Location	City	District	Arresting Unit	Recovered Gun	Primary Charge	Probation	Initial Bail Status	Gang Association	Current DOC Status (updated 01/10/24)
30-24-71	1/1/2024	0744	47	525 W 7th St	Wilmington	16	D Platoon	Taurus 38 Revolver # 1X86356	PFDCF, PFBPP, Robbery 2nd, Agg Men	No	\$96,100 cash	No	Detentioner Hold
30-24-542	1/2/2024	2153	36	2207 Pyle St	Wilmington	13	A Platoon	Ruger 3mm #32607581&5&W	PFDCF, PFBPP x4, Agg Men	No	\$16,000 cash	No	Detentioner Hold
30-24-624	1/3/2024	800	37	1401 Maryland Ave	Wilmington	17	C Platoon	Sterling LR .22 #A19757	CCDW	No	\$3,000 unsecured	No	L1 Probation, PO Andy Shar
30-24-732	1/3/2024	1540	39	19 Central Ave	NCC	NCC	OSS	Mossburg Shotgun	PFBPP	Level 2	\$15,000 cash	No	Detentioner Hold
30-24-1234	1/5/2024	1230	31	2615 N Pine St	Wilmington	13	DOCV	Glock 19 #BGUR160; Springfield .45	PFDCF, PwID x3, PFBPP x6, Stolen Firearm	No	\$74,000 cash	No	Detentioner Hold
30-24-2666	1/10/2024	1953	28	393 East 8th St	Wilmington	11	OSS	Springfield 9mm (#S4323938)	PFBPP x3, CCDW	No	\$43,500 cash	No	Detentioner Hold
30-24-2557	1/10/2024	1324	47	439 N Monroe St	Wilmington	16	DOCV	Steger 9mm #T6429-214814	PFBPP x2, CCDW, PwID x2, Resisting	No	\$141,001 cash	No	Detentioner Hold
30-24-2982	1/11/2024	2206	29	439 N Franklin St	Wilmington	18	OSS	Glock 43 9mm # BSSB219	PFBPP x2, CCDW, PwID x2	No	\$64,350 cash	No	Detentioner Hold
30-24-2982	1/11/2024	2206	43	439 N Franklin St	Wilmington	18	OSS	Glock 43 9mm # BSSB219	PFBPP x3, PwID x2, Poss Tier 1, Consp 2nd,	No	\$74,103 cash	No	Detentioner Hold
30-24-3964	1/16/2024	1053	17	3100 N Van Buren	Wilmington	14	CGIC	Polymer 80 9mm with Glock Auto-Sear,	PFBPP, PFABPP, CCDW, Destructive	No	\$26,000 cash	Northpak	NCCDC
30-24-3964	1/16/2024	1053	42	3100 N Van Buren	Wilmington	14	CGIC	Polymer 80 9mm with Glock Auto-Sear,	PFBPP, CCDW	No	\$22,000 cash	No	Released No Supervision
30-24-3964 / 4455	1/18/2024	1503	18	4100 N Tainall St	Wilmington	14	CGIC	Glock 19 9mm with Glock Auto-Sear	Obit #, CCDW, Poss Destructive weapon	No	\$26,000 cash	Northpak	Detentioner Hold
30-24-5664	01/23/2024	2153	16	300 N Scott St	Wilmington	17	B Platoon	5.56 Rifle	PFBPP, Disregarding, Resist	Juvenile	\$13,000 cash	Carjacking	NCCDC
30-24-5339	1/22/2024	1505	50	419 S Harrison St	Wilmington	17	C Platoon	Glock 17 9mm (#B22P636)	PFDCF, Agg Menacing x4	No	\$40,000 cash	No	L2 Probation, PO Shannon
30-24-6192	1/25/2024	2136	25	639 N Monroe St	Wilmington	16	OSS	S&W SD 9mm #FDT3935	PFBPP x2, CCDW, Resisting	No	\$40,500 cash	No	Detentioner Hold
30-24-6063 / 4325	1/25/2024	1100	15	1106 W 3rd St	Wilmington	17	CID	Luger P38 9mm	PFBPP, Tampering / Reckless, PFBPP,	No	\$10,000 cash	Edgemoor / Team B	NCCDC
30-24-6063 / 4325	1/25/2024	1100	19	1106 W 3rd St	Wilmington	17	CID	Luger P38 9mm	Attempted Murder, PFDCF, CCDW, Consp	Level 2	\$1,060,000 cash	Edgemoor / Team B	Detentioner Hold
30-24-6672	1/27/2024	1720	22	293 W 29th St	Wilmington	14	OSS	S&W Shield 9mm # JLA1743	PFBPP, PwID, CCDW, Stolen Firearm	No	\$45,000 cash	No	Detentioner Hold
30-24-7352	1/30/2024	1516	22	2800 N Tainall St	Wilmington	14	CGIC	Taurus G2 9mm (#TJS51783)	PFBPP x2	Level 3	\$20,000 cash	40Bound	Detentioner Hold
30-24-7352	1/30/2024	1516	23	2800 N Tainall St	Wilmington	14	CGIC	Taurus G2 9mm (#TJS51783)	CCDW, Providing a Firearm to a Person	No	\$7,500 cash	No	Detentioner Hold
30-24-7807	2/1/2024	1015	38	1500 W 4th St	Wilmington	18	OSS	Taurus G2 9mm (#ADC071711)	PFBPP (Title 16), CCDW, Poss MJ	No	\$4,500 unsecured	No	Released No Supervision
30-24-7603	2/1/2024	1337	47	500 N Clayton St	Wilmington	18	CID	Beretta 9mm (#A1811612)	Agg Menacing, PFDCF, Reckless Endangering	No	\$87,000 cash	No	Detentioner Hold
30-24-8099	2/2/2024	1143	24	208 W 28th St	Wilmington	14	CGIC/DOCV	FN503 9mm (#GKS0118657)	CCDW, PwID	No	\$8,000 unsecured	Team B	Released No Supervision



### Preparation and Distribution of the GunStat Agenda

During the second stage of the process, the GunStat coordinator works with analysts to prepare an agenda for the regularly scheduled GunStat meeting. The agenda often focuses on case reviews of recent gun arrests. It is important that the agenda identifies the specific gun cases that will be discussed during the meeting. Additionally, the agenda can be used to identify other points of discussion related to specific issues, challenges, and benchmarks. The agenda is then circulated to all the GunStat agencies, giving them adequate time to prepare for the GunStat meeting.

**Figure 5:** Wilmington Sample Agenda



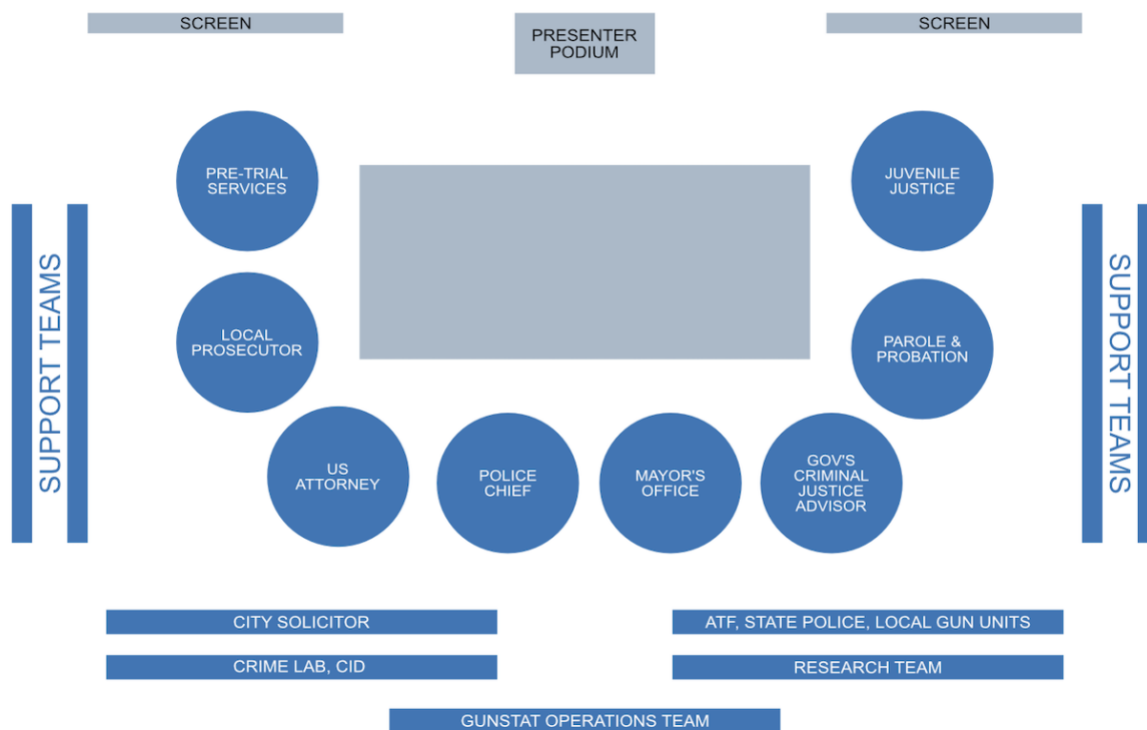
\*This sample agenda was provided to the National Policing Institute in 2024. Names of individuals listed above from the city of Wilmington may have changed and are only meant to serve as an example from the field.

### The GunStat Meeting

The GunStat meeting is designed to be a roundtable discussion based on the distributed agenda and should be facilitated by the GunStat coordinator. The meeting traditionally focuses on a case review of recent gun arrests, in which participating agencies take the lead by presenting different components of information. The GunStat coordinator may also facilitate discussions related to specific system trends identified in the analysis of the data. These discussions often examine trends related to bail, sentencing, post-conviction monitoring, and recidivism. It is recommended that agency leaders and operational decision-makers attend and participate in the GunStat meetings. The agency leaders' participation adds credibility and urgency to the GunStat process.

It is also critical to schedule GunStat meetings on a regular, recurring basis. Most jurisdictions implement GunStat meetings monthly, on a consistent day and time. Consistency in scheduling GunStat meetings helps participating agencies develop an operational cadence in the review of cases and related data. It also provides an opportunity for GunStat discussions to build upon information shared during previous meetings.

**Figure 6:** Sample GunStat Meeting Room



### Post-Meeting Action Items

Discussions during GunStat meetings often result in the need for specific follow-up actions by the participating agencies. These post-meeting action items may include clarifying or updating information on a specific case or monitoring the progress of an expected case outcome. They may also involve changing or refining internal procedures, training, or policy. Some cities have used GunStat data and discussions to help pursue legislative changes. These post-meeting action items should be assigned to specific individuals within the impacted agency and monitored by the GunStat coordinator. The GunStat coordinator should also add status updates for these follow-up actions to the agenda of the next GunStat meeting.

**In Baltimore, a series of GunStat meetings focused on trends in gun cases that resulted in a declination to prosecute. Through analyzing the data, it was determined that many of these cases were related to challenges associated with the collective possession of a particular firearm. In these situations, patrol officers were making arrests after recovering an illegal firearm that was in the collective possession of several people, usually in a vehicle or residence. GunStat discussions focused on strategies to address this issue through improving patrol officers' training. As part of the follow-up process, the prosecutor's office implemented a comprehensive training program on search and seizure guidelines for patrol officers throughout the agency. The training progress was tracked by a manager in the prosecutor's office, who provided regular updates during future GunStat meetings. After implementing the training, additional data analysis revealed a substantial drop in declinations to prosecute gun cases related to collective possession issues.**