

PepperBall Non-Lethal System Adoption Impact Analysis

Analysis of a major metropolitan western US Police Department's adoption of the PepperBall non-lethal system from June 1, 2023, to June 1, 2024.

PepperBall Deployment

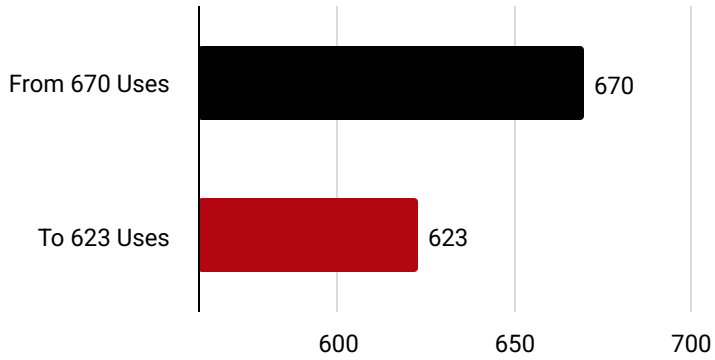
The PepperBall system was deployed 66 times, with 80% (53 incidents) used for area saturation and 20% (13 incidents) for direct impact, showing strong use as a broad de-escalation tool.

TOTAL DEPLOYMENTS

66

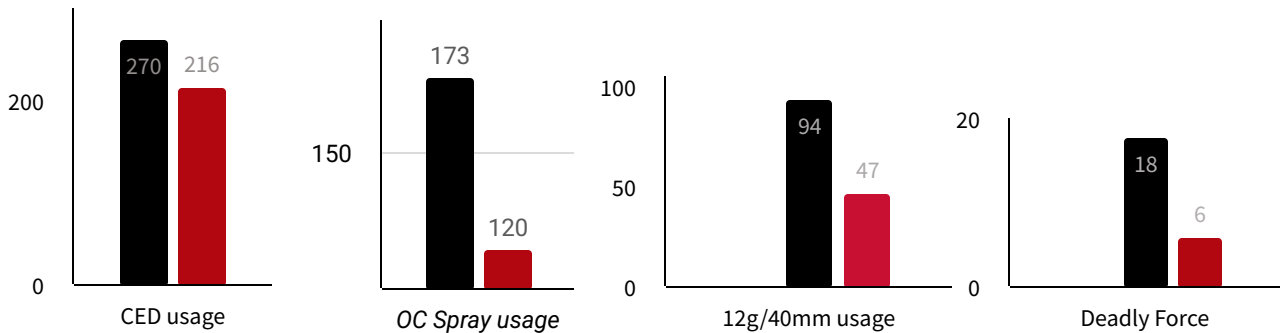
June 1, 2023 - June 1, 2024

Use of Force Incidents

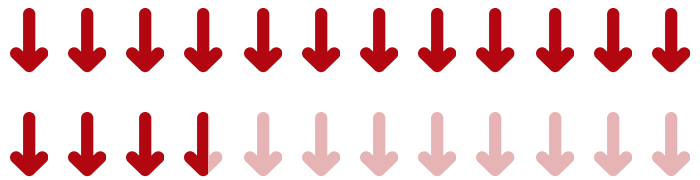
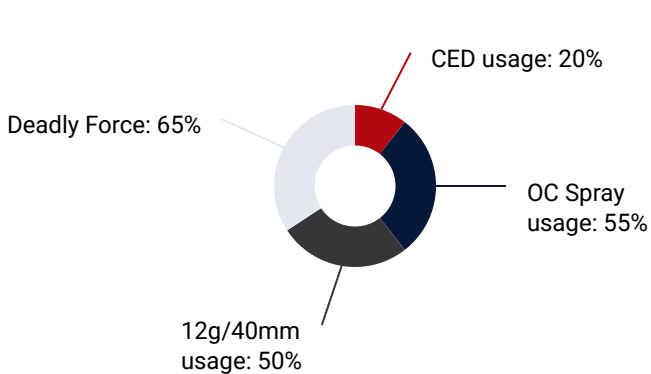


KEY REDUCTIONS IN USE OF FORCE

The adoption of the PepperBall system has led to notable reductions in the use of force across multiple categories, particularly in deadly force, OC spray, and CEDs.



MOST NOTABLE REDUCTION



The most notable reduction was observed in the use of deadly force, underscoring the significant impact the PepperBall system may have had in preventing lethal outcomes

ANALYSIS CONCLUSION

Conclusion

The data suggests the PepperBall system contributes to safer, more controlled responses. This analysis provides strong evidence supporting its continued use and expansion in law enforcement.