

Morgan State University Independent Aerial Research and Evaluation Analysis

Morgan State University School of Social Work will be conducting an exploratory evaluation to obtain baseline data as to whether there are associations with the aerial surveillance technology, reduction of crime, and the attitudes and beliefs toward the aerial surveillance technology's impact. In order to investigate the overarching question of how the aerial surveillance will affect the crime and residents in Baltimore City the study will quantitatively:

- (1) Conduct a comparative interrupted time-series analysis of the aerial surveillance data provided by the BCPD and the Vendor in the areas of murder, nonfatal shooting, armed robbery and carjacking,
- (2) Conduct a comparative analysis of the communities surveilled by the aerial surveillance plane, and
- (3) Conduct a comparative analysis across targeted grid patterns of aerial imaging by neighborhoods, streets, and various environmental structures inclusive of the consideration and analysis of the bio-psycho-social- and environmental risk factors of each neighborhood.

Qualitatively, the evaluation will conduct focus groups and administer surveys regarding public knowledge, attitudes, and beliefs toward the aerial surveillance plane.

The evaluation outcomes will focus on the measurable change in clearance rates, case closure rates, and overall reduction in the crime categories, murder, non-fatal shooting, armed robberies, and car jackings; and the responses to the focus groups and survey analysis of the public's sentiment.

Abstract