**QUALITY ASSURANCE AND QUALITY CONTROL PROCESSES FOR LARGE-SCALE AND REGIONAL BICYCLE & PEDESTRIAN VOLUME DATA PROGRAMS: A 2019 UPDATE**

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**OVERVIEW**

The North Carolina Non Motorized Vehicle Data Program (NC NMVDP) was established in 2013 to collect and report bike and pedestrian volume data. In 2017 the program was restructured and a foundation that was updated, streamlined, and better reflects the actual work processes of the program was established. A comprehensive overview of these new processes and the foundation that supports them is outlined here.

**PROGRAMMATIC ORGANIZATION**

The NC NMVDP has a robust set of research tools that are organized around a structure based on three central committees (Local Agency, Support, and Data). Each committee is responsible for defined program management. The individual evaluation questions, however, are used as a guidance policy tool for oversight of data collection and data management. The NC NMVDP uses an established metrics to measure effectiveness, including cost, time, and quality, and measures its success against a complex set of targets.

**LOCAL AGENCY COORDINATION**

The Local Agency Program (LAP) is responsible for collecting and reporting volume data from the NC NMVDP. The LAP provides a structured program that identifies and addresses the needs of the local agencies in the field. The LAP also provides a mechanism for the local agencies to report data to the NC NMVDP.

**DATA COORDINATION**

The Data Coordinator Program (DCP) is responsible for managing data collections and ensuring data quality. The DCP coordinates with local agencies to ensure that data are collected in a consistent and effective manner. The DCP also provides support to local agencies to help them improve their data collection processes.

**VALIDATION RESULTS**

The validation results demonstrate that the data collected by the local agencies are accurate and reliable. The results also show that the data collected by the NC NMVDP are consistent and comparable to other data collected in the field.

**ACKNOWLEDGEMENTS**

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**KEY OUTCOMES**

- The NC NMVDP has established a foundation that was updated, streamlined, and better reflects the actual work processes of the program.
- A comprehensive overview of these new processes and the foundation that supports them is outlined here.
- The NC NMVDP has a robust set of research tools that are organized around a structure based on three central committees.
- The Local Agency Program (LAP) is responsible for collecting and reporting volume data from the NC NMVDP.
- The Data Coordinator Program (DCP) is responsible for managing data collections and ensuring data quality.
- The validation results demonstrate that the data collected by the local agencies are accurate and reliable.

**SITE SELECTION**

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**EQUIPMENT MAINTENANCE**

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