

ELECTRIC BIKE USERS PERCEPTION ON PROPOSED REGISTRATION

ABSTRACT

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In recent years, the widespread adoption of electric bicycles (e-bikes) has significantly reshaped urban mobility, offering a sustainable, cost-efficient, and convenient alternative to traditional modes of transportation. Particularly in densely populated cities, e-bikes have emerged as a practical solution to traffic congestion, rising fuel costs, and limited public transit options. However, the rapid increase in e-bike usage has also introduced new challenges, particularly in the areas of regulation, road safety, and infrastructure development. As cities strive to integrate e-bikes into existing transport systems, addressing these issues becomes increasingly important. This study seeks to examine the perceptions of electric bike users regarding the proposed registration policy, focusing on their level of awareness, acceptance, and concerns about its implications for personal mobility and public safety. This study outlines a comprehensive methodology, including the research design, identification and selection of respondents, and the sampling technique employed. It further details the construction and validation of the research instrument, procedures for its distribution and retrieval, and the statistical methods used for data analysis. These methodological steps ensure the reliability, validity, and accuracy of the findings. Among the respondents, 13 individuals (32.5%) were between the ages of 26 and 33. In terms of civil status, the majority—19 respondents (60%)—were single. Regarding educational attainment, 7 respondents (17.5%) were at the college level, while 3 respondents each (7.5%) were college graduates and elementary-level graduates, respectively. For the sex distribution, male respondents constituted the majority with 28 individuals (70%). In evaluating community perceptions of key policing activities, the following results were obtained: Patrolling received a composite mean of 3.44, interpreted as "Strongly Agree." Intelligence Gathering initially received a composite mean of 3.41, also interpreted as "Strongly Agree." Community Awareness registered a composite mean of 3.25, which corresponds to "Agree." A separate assessment of Intelligence Gathering also yielded a composite mean of 3.25 ("Agree"). When asked about specific engagement or awareness items, 69.5% of respondents answered "Yes," while 30.5% answered "No." Another measurement for Intelligence Gathering received a composite mean of 3.19, still interpreted as "Agree." These findings reflect a generally positive perception of law enforcement activities, particularly in areas of patrolling and intelligence gathering, with room for improvement in public awareness efforts. This chapter presents the summary of key findings, conclusions, and recommendations based on the conducted study titled "Electric Bike Users' Perception on the Proposed Registration Policy." The research aimed to evaluate the attitudes and opinions of electric bike users toward the proposed registration system, as well as its possible impact on their usage and compliance behavior. The study was conducted in Tandang Sora, Quezon City, targeting electric bike users as respondents. A simple random sampling technique was employed to ensure objectivity and representativeness in the respondent selection process. The research followed a quantitative approach, allowing for numerical data collection and statistical analysis. Tools such as mean and percentage were used to analyze and interpret the data effectively. The results of this study provide valuable insights for government agencies, policymakers, and transportation authorities in crafting regulations that balance safety, compliance, and user convenience. The findings also serve as a basis for developing awareness programs and infrastructure improvements to support the growing use of electric bikes in urban areas.

RECOMMENDED CITATION

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