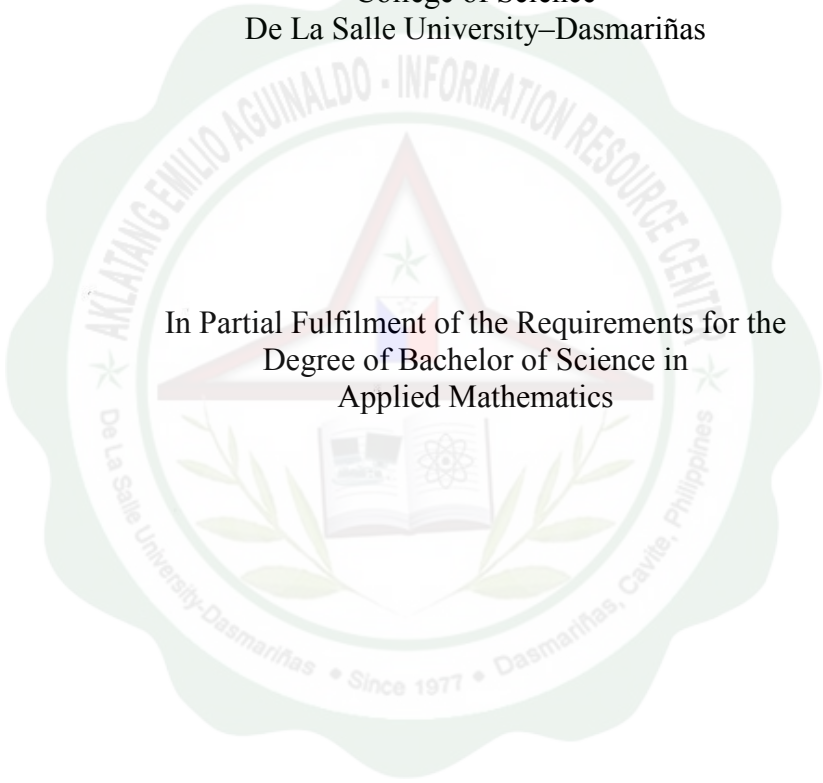




De La Salle University – Dasmariñas

IMPACTS OF POPULATION OF DASMARIÑAS CITY ON THE
SERVICES OF THE LOCAL GOVERNMENT

An Undergraduate Research Presented to
the Mathematics Department
College of Science
De La Salle University–Dasmariñas

A large, semi-transparent watermark seal of De La Salle University - Dasmariñas is centered on the page. The seal is circular with a scalloped edge. It features a central emblem with a red triangle, a white star, and an open book. The text around the seal reads "AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER" at the top, "De La Salle University - Dasmariñas" at the bottom, and "Dasmariñas, Cavite, Philippines" on the right side. It also includes "Since 1977" at the bottom.

In Partial Fulfilment of the Requirements for the
Degree of Bachelor of Science in
Applied Mathematics

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ABSTRACT

This study entitled “Impacts of Population of Dasmariñas City on the Services of the Local Government” aims to know if the previous population of Dasmariñas City has significant relationship on the effectiveness of services of the local government particularly on health, sanitation and security.

Distribution frequency is the statistical tool utilized in the study to summarize the profiles of the respondents and their assessment of services. The study also used Pearson Product-Moment Correlation Coefficient to find if there is significant relationship between the assessment and the perception of the people on the effectiveness of *barangay* officials in leading their community. It also employed, Spearman Rank-Order Correlation as the statistical tool to determine if there is association between the population size and the effectiveness of services delivered by the *barangay* officials of Dasmariñas City.

Based on the assessment of services, it was found that most the selected services provided by the city need some improvements. The results also revealed that there is significant relationship between the assessment of services and perception of the respondents on the governance of *barangay* officials. However, the results also showed that the population size is not significantly associated with the effectiveness of services rendered by the *barangay* officials of Dasmariñas City.

Based on the summary of findings, the following recommendations are suggested:



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Residents of Dasmariñas City. The residents of Dasmariñas City must carefully elect the officials of their *barangay*. Through this, they can be assured that the people they have elected will be good leaders that will provide them quality services.

Local Government of Dasmariñas City. The Local Government of Dasmariñas City must regularly inspect every *barangay* to see if they are implementing the programs and providing the services well for the community. They must address the needs of the people as early as possible and should avoid politics in delivering the services to the community. It is also recommended that *barangay* officials of Dasmariñas City should intensify ads regarding the services they provide so that every resident would be able to know them and to have easy access to them.

Other Local Government Units. Other LGUs should coordinate to improve their services. Those who are successful in providing good services for their constituents should share their ideas in planning and implementing of their services so that others may apply them to their own communities.

Service providers. The researchers highly recommend conducting regular surveys on the services provided by the *barangay* officials in order to know the improvements needed as well as the additional services demanded by the people and addressed the necessary improvements.

Future researchers. The researchers recommend further investigation relevant to this study. Specifically, future researchers may study the budget allocated for each *barangay* since the quality of services might be affected by this. Also the profile of the *barangay* officials may be considered by the future researchers since they are the ones



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who are responsible in providing services to the community. This could help measure the capability of the officials in providing quality services for the people.





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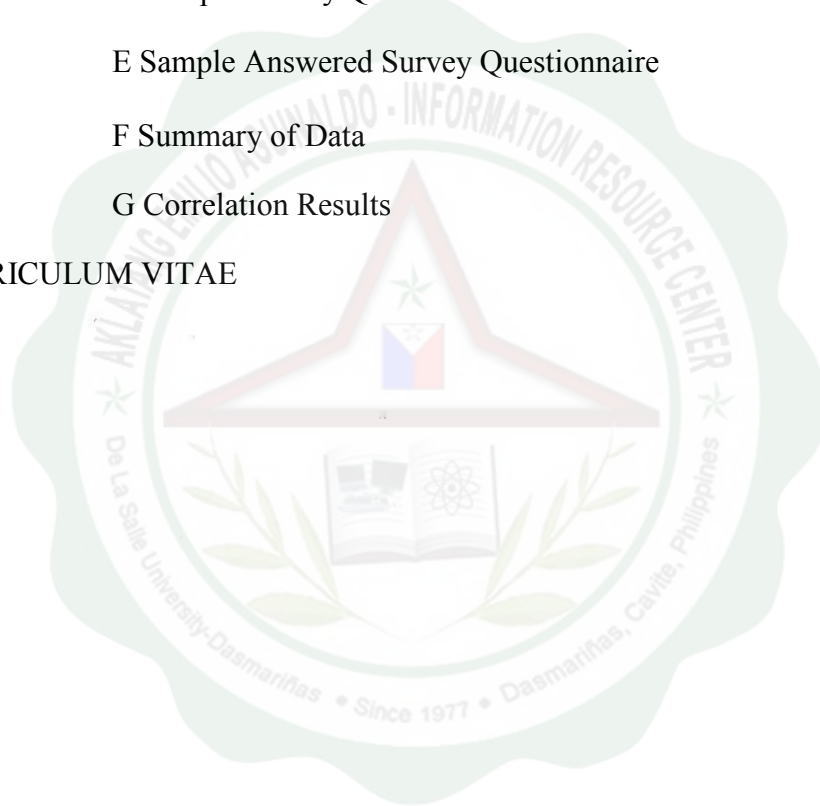
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