

Relationship Between Procurement Efficiency And Customer Acquisition By Organizations In Nansana Municipality.

Nabangi Emmanuel¹, Otim John William²

1, 2 Metropolitan International University

Abstract

The study examined the relationship between procurement efficiency and customer acquisition by organizations in Nansana Municipality, Uganda. The research adopted a cross-sectional survey design with a sample of 120 respondents from various organizations. Data was collected using structured questionnaires and analyzed using Pearson correlation and regression analysis. Results revealed a significant positive relationship between procurement efficiency and customer acquisition ($r=0.742$, $p<0.01$). Procurement lead time, supplier reliability, and cost efficiency were identified as critical factors influencing customer acquisition outcomes. The study concluded that organizations with efficient procurement systems demonstrated superior customer acquisition rates compared to those with inefficient systems. It was recommended that organizations invest in modern procurement technologies, develop strategic supplier partnerships, and establish performance monitoring systems to enhance procurement efficiency and subsequently improve customer acquisition capabilities.

Keywords: Procurement efficiency, customer acquisition, supply chain management, organizational performance, Nansana Municipality

Background of the Study

Procurement efficiency has emerged as a critical determinant of organizational competitiveness in contemporary business environments. The ability of organizations to acquire goods and services promptly, cost-effectively, and at optimal quality levels directly influenced their capacity to meet customer demands and expand their market reach. In Uganda's rapidly evolving economic landscape, particularly in urbanizing areas like Nansana Municipality, organizations faced increasing pressure to optimize their procurement processes while simultaneously attracting and retaining customers in highly competitive markets. Nansana Municipality, located in Wakiso District of Central Uganda, experienced significant commercial growth over the past decade, with numerous small and medium enterprises, retail outlets, and service providers establishing operations within the area. This commercial expansion created intense competition among organizations, necessitating strategic approaches to both operational efficiency and market penetration. However, many organizations in the municipality struggled with procurement challenges including delayed deliveries, unreliable suppliers, high procurement costs, and inadequate inventory management systems, which consequently affected their ability to satisfy customer needs and acquire new clientele.

Theoretical foundations for understanding this relationship were drawn from the Resource-Based View theory, which posited that organizational resources and capabilities, including efficient procurement systems, constituted sources of competitive advantage. Additionally, the Supply Chain Management theory emphasized the interconnectedness of

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procurement efficiency with customer satisfaction and market performance. Previous studies in developed economies demonstrated strong correlations between procurement efficiency metrics such as supplier performance, procurement cycle time, and cost savings with customer-related outcomes including satisfaction levels, loyalty, and acquisition rates. Despite growing scholarly attention to procurement efficiency and customer acquisition as separate constructs, limited empirical evidence existed regarding their interrelationship within the context of developing economies, particularly at the municipal level in Uganda. Most existing research focused on large corporations or manufacturing sectors, leaving a knowledge gap concerning small and medium organizations operating in urban municipalities. This study therefore sought to bridge this gap by investigating how procurement efficiency influenced customer acquisition among organizations in Nansana Municipality, providing insights relevant to practitioners and policymakers in similar contexts.

Problem Statement

Organizations in Nansana Municipality faced persistent challenges in acquiring and retaining customers despite operating in a growing commercial environment with expanding consumer populations. While numerous factors influenced customer acquisition, preliminary observations suggested that procurement inefficiencies significantly undermined organizational capacity to meet customer expectations consistently. Many businesses in the municipality experienced frequent stock-outs, delayed order fulfillments, inconsistent product quality, and elevated operational costs attributable to suboptimal procurement practices. These procurement challenges directly translated into poor customer experiences, characterized by product unavailability, extended waiting times, and higher prices, which ultimately deterred potential customers and drove existing ones to competitors.

Despite the apparent connection between procurement processes and customer-facing outcomes, many organizational managers in Nansana Municipality had not systematically examined or addressed this relationship. Procurement was often treated as a purely administrative function, isolated from customer acquisition strategies and marketing initiatives. This disconnect resulted in missed opportunities for competitive advantage and sustainable growth. Furthermore, the absence of empirical evidence specific to the municipal context meant that organizations lacked evidence-based guidance for prioritizing procurement improvements or understanding which specific procurement efficiency dimensions most significantly impacted customer acquisition outcomes. This study therefore addressed the critical question of how procurement efficiency related to customer acquisition by organizations in Nansana Municipality and which procurement factors were most influential in this relationship.

Specific Objective

To examine the relationship between procurement efficiency and customer acquisition by organizations in Nansana Municipality.

Methodology

This study adopted a cross-sectional survey research design, which enabled the collection of data from multiple organizations at a single point in time to examine the relationship between procurement efficiency and customer

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acquisition. The design was considered appropriate because it allowed for the simultaneous measurement of both variables and facilitated correlation analysis to determine the nature and strength of their relationship. The target population comprised managers, procurement officers, and marketing personnel from registered small and medium enterprises, retail outlets, and service organizations operating in Nansana Municipality, totaling approximately 380 individuals across 95 organizations.

A sample size of 120 respondents was determined using Krejcie and Morgan's sample size determination table at 95% confidence level. Stratified random sampling was employed to ensure representation across different organization types and sizes. Organizations were first stratified into three categories: retail businesses, service providers, and manufacturing/distribution enterprises, after which proportionate random sampling was applied within each stratum to select respondents. This approach ensured that the sample reflected the diversity of organizational contexts within the municipality.

Data was collected using structured questionnaires comprising closed-ended questions measured on a five-point Likert scale. The questionnaire had three sections: demographic information, procurement efficiency indicators (including procurement lead time, supplier reliability, cost efficiency, and quality assurance), and customer acquisition metrics (including new customer rates, customer inquiry conversion, market share growth, and customer referral rates). The instrument was pre-tested with 15 respondents from organizations in neighboring Kasubi area to ensure clarity, validity, and reliability. Cronbach's alpha coefficients of 0.86 for procurement efficiency and 0.82 for customer acquisition indicated acceptable internal consistency.

Data collection was conducted over a four-week period, with questionnaires administered through drop-and-pick methods to allow respondents adequate time for completion. Out of 120 distributed questionnaires, 108 were returned, representing a 90% response rate. The collected data was coded, cleaned, and analyzed using Statistical Package for Social Sciences version 25. Descriptive statistics including means and standard deviations were computed to summarize the data. Pearson correlation analysis was performed to determine the relationship between procurement efficiency and customer acquisition, while linear regression analysis was conducted to assess the predictive power of procurement efficiency on customer acquisition outcomes.

Results and Discussion

Table 1: Respondent Demographics

Demographic Variable	Category	Frequency	Percentage
Gender	Male	68	63.0%
	Female	40	37.0%
Age Group	25-35 years	45	41.7%
	36-45 years	38	35.2%
	46-55 years	25	23.1%

Education Level	Diploma	32	29.6%
	Bachelor's Degree	58	53.7%
	Master's Degree	18	16.7%
Years of Experience	1-5 years	42	38.9%
	6-10 years	46	42.6%
	Above 10 years	20	18.5%

Source: Primary Data. 2025

The demographic characteristics of respondents indicated that the majority were male (63%), reflecting the predominant gender composition in managerial and procurement positions within organizations in Nansana Municipality. The age distribution showed that most respondents fell within the 25-35 years bracket (41.7%), suggesting a relatively young workforce in these positions. Educational qualifications were generally high, with 53.7% holding bachelor's degrees and 16.7% possessing master's degrees, indicating adequate educational preparation for procurement and customer-related responsibilities. Work experience was fairly distributed, with 42.6% having between 6-10 years of experience, which suggested that respondents possessed sufficient practical knowledge to provide reliable information regarding procurement practices and customer acquisition in their organizations.

Table 2: Descriptive Statistics for Procurement Efficiency

Procurement Efficiency Indicator	Mean	Std. Deviation	Interpretation
Procurement lead time management	3.42	0.89	Moderate
Supplier reliability and performance	3.67	0.76	High
Cost efficiency in procurement	3.28	0.94	Moderate
Quality assurance in procurement	3.55	0.82	Moderate-High
Procurement technology utilization	2.98	1.02	Moderate
Overall Procurement Efficiency	3.38	0.72	Moderate

Source: Primary Data. 2025

The descriptive statistics for procurement efficiency revealed that organizations in Nansana Municipality demonstrated moderate overall procurement efficiency with a mean score of 3.38 out of 5.00. Supplier reliability and performance recorded the highest mean score (3.67), indicating that organizations had relatively established relationships with their suppliers who delivered products with reasonable consistency. Quality assurance in procurement achieved a mean of 3.55, suggesting that organizations maintained acceptable standards in the quality of procured goods and services. However, procurement technology utilization scored lowest at 2.98, revealing significant underinvestment in modern procurement systems such as e-procurement platforms, automated inventory management, and digital supplier management systems. This technological gap represented a critical area requiring intervention, as modern procurement technologies were known to enhance efficiency through automation, real-time tracking, and data-

driven decision-making. Cost efficiency in procurement (mean = 3.28) and lead time management (mean = 3.42) both demonstrated moderate performance, indicating room for improvement in negotiating favorable prices and reducing the time between order placement and delivery.

Table 3: Descriptive Statistics for Customer Acquisition

Customer Acquisition Indicator	Mean	Std. Deviation	Interpretation
New customer acquisition rate	3.45	0.88	Moderate
Customer inquiry conversion rate	3.33	0.92	Moderate
Market share growth	3.18	0.97	Moderate
Customer referral rates	3.52	0.85	Moderate-High
Customer retention leading to referrals	3.61	0.79	High
Overall Customer Acquisition	3.42	0.78	Moderate

Source: Primary Data. 2025

Customer acquisition performance across organizations in Nansana Municipality showed moderate overall results with a mean score of 3.42. Customer retention leading to referrals achieved the highest score (3.61), suggesting that organizations that successfully satisfied existing customers benefited from word-of-mouth marketing and referrals. Customer referral rates similarly scored relatively high at 3.52, reinforcing the importance of customer satisfaction in organic growth through recommendations. However, market share growth recorded the lowest mean (3.18), indicating that despite some success in acquiring individual customers, organizations struggled to significantly expand their market presence relative to competitors. New customer acquisition rate (3.45) and customer inquiry conversion rate (3.33) both showed moderate performance, suggesting that while organizations attracted potential customers, conversion efficiency remained suboptimal. These findings highlighted opportunities for improvement in converting interested prospects into actual customers and translating individual customer gains into broader market penetration.

Table 4: Correlation Analysis Between Procurement Efficiency and Customer Acquisition

Variables	1	2	3	4	5
1. Procurement Efficiency	1				
2. Customer Acquisition	.742**	1			
3. Procurement Lead Time	.856**	.623**	1		
4. Supplier Reliability	.824**	.687**	.645**	1	
5. Cost Efficiency	.798**	.712**	.598**	.634**	1

Note: ** Correlation is significant at the 0.01 level (2-tailed)

Source: Primary Data. 2025

The correlation analysis revealed a strong positive relationship between procurement efficiency and customer acquisition ($r = 0.742$, $p < 0.01$), indicating that organizations with more efficient procurement systems demonstrated

significantly higher customer acquisition outcomes. This strong correlation coefficient suggested that approximately 55% of the variance in customer acquisition could be explained by procurement efficiency ($r^2 = 0.550$). The statistical significance at the 0.01 level confirmed that this relationship was not due to chance and was highly reliable. Among the specific procurement efficiency dimensions, cost efficiency showed the strongest correlation with customer acquisition ($r = 0.712$, $p < 0.01$), followed by supplier reliability ($r = 0.687$, $p < 0.01$) and procurement lead time ($r = 0.623$, $p < 0.01$). These findings demonstrated that when organizations achieved cost savings through efficient procurement, they could offer competitive pricing to customers, thereby attracting more clientele. Similarly, reliable suppliers ensured consistent product availability and quality, which enhanced customer trust and encouraged repeat purchases and referrals. Faster procurement lead times enabled organizations to respond quickly to market demands and customer orders, creating positive customer experiences that facilitated acquisition.

Table 5: Regression Analysis - Procurement Efficiency Predicting Customer Acquisition

Model Summary					
R	R Square	Adjusted R Square	Std. Error of Estimate		
.742	.551	.546	.527		
ANOVA					
Model	Sum of Squares	df	Mean Square	F	Sig.
Regression	36.284	1	36.284	130.675	.000**
Residual	29.436	106	.278		
Total	65.720	107			
Coefficients					
Model	Unstandardized B	Std. Error	Standardized Beta	t	Sig.
(Constant)	.586	.243		2.411	.018
Procurement Efficiency	.838	.073	.742	11.432	.000**

Note: Dependent Variable: Customer Acquisition; ** Significant at $p < 0.01$

Source: Primary Data. 2025

The regression analysis confirmed that procurement efficiency significantly predicted customer acquisition among organizations in Nansana Municipality ($F = 130.675$, $p < 0.000$). The R-square value of 0.551 indicated that procurement efficiency accounted for 55.1% of the variance in customer acquisition, representing a substantial explanatory power. The adjusted R-square of 0.546 suggested that this finding remained robust even after accounting for the number of predictors in the model. The regression coefficient ($B = 0.838$, $\beta = 0.742$, $t = 11.432$, $p < 0.000$) demonstrated that for every one-unit increase in procurement efficiency, customer acquisition increased by 0.838 units, holding other factors constant. This strong positive relationship underscored the practical significance of procurement efficiency improvements for organizational growth through customer acquisition. The statistical significance of the

constant term (0.586, $p = 0.018$) indicated that even with minimal procurement efficiency, organizations maintained some baseline level of customer acquisition through other factors such as location, branding, or pricing strategies. However, the magnitude of the procurement efficiency coefficient highlighted that substantial improvements in customer acquisition required systematic enhancement of procurement processes and systems.

Conclusions

This study concluded that a strong positive relationship existed between procurement efficiency and customer acquisition by organizations in Nansana Municipality. Organizations that demonstrated higher levels of procurement efficiency, characterized by effective lead time management, reliable suppliers, cost-effective purchasing practices, and robust quality assurance mechanisms, achieved significantly better customer acquisition outcomes compared to those with inefficient procurement systems. The research established that procurement efficiency was not merely an internal operational concern but a strategic capability that directly influenced customer-facing outcomes and market performance.

The findings revealed that cost efficiency in procurement emerged as the most influential factor in customer acquisition, suggesting that organizations capable of procuring goods and services at competitive costs could offer attractive pricing to customers, thereby increasing their market appeal. Supplier reliability proved equally critical, as consistent product availability and quality fostered customer trust and satisfaction, which translated into positive word-of-mouth and referrals that drove new customer acquisition. Procurement lead time management also significantly impacted customer acquisition by enabling organizations to respond rapidly to customer demands and market opportunities.

The study further concluded that many organizations in Nansana Municipality operated with moderate procurement efficiency levels, indicating substantial room for improvement. Particularly concerning was the low adoption of procurement technologies, which limited organizations' ability to optimize their procurement processes through automation, data analytics, and digital supplier coordination. This technological gap represented both a challenge and an opportunity for organizational development and competitive differentiation.

Overall, the research affirmed the strategic importance of procurement function transformation from purely administrative operations to value-creating capabilities that supported customer acquisition and organizational growth. Organizations that recognized and invested in this transformation positioned themselves for superior market performance in the increasingly competitive commercial environment of Nansana Municipality.

Recommendations

Organizations should invest in modern procurement technologies including e-procurement platforms, automated inventory management systems, and supplier relationship management software. These technologies would streamline procurement processes, reduce lead times, enhance cost efficiency through better price comparisons and bulk

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purchasing opportunities, and provide real-time visibility into supply chain operations. Given the low technology utilization scores observed in this study, this investment represented a critical priority for organizational modernization and competitive advantage.

Organizations should develop strategic partnerships with reliable suppliers rather than maintaining purely transactional relationships. This recommendation involved establishing long-term contracts with vetted suppliers who demonstrated consistent quality, reliability, and competitive pricing. Strategic supplier partnerships would reduce procurement uncertainties, ensure steady product availability, facilitate collaborative problem-solving, and potentially unlock volume discounts that could be passed on to customers through competitive pricing.

Third, organizations should implement comprehensive procurement performance monitoring systems with clearly defined key performance indicators such as procurement cycle time, cost savings percentages, supplier on-time delivery rates, and quality defect rates. Regular monitoring and evaluation of these metrics would enable organizations to identify inefficiencies, track improvement progress, and make data-driven decisions regarding supplier selection, process optimization, and resource allocation. Performance dashboards should be integrated with customer acquisition metrics to explicitly track how procurement improvements translated into customer outcomes.

Capacity building for procurement and supply chain personnel through training programs and professional development opportunities should be prioritized. Enhanced competencies in strategic sourcing, contract negotiation, supplier evaluation, and procurement analytics would improve individual and organizational procurement performance. Organizations should also consider recruiting or designating specialized procurement professionals rather than assigning procurement responsibilities as secondary duties to staff with other primary functions.