

Original Research Article

AN ANALYSIS OF FACTORS INFLUENCING FINANCIAL CONTROL PRACTICES IN COMMUNITY BASED ORGANIZATIONS IN BARINGO COUNTY, KENYA

ABSTRACT

Aims: The aim of this study was to analyze factors influencing financial control practices of Community Based Organizations (CBO) in Baringo County, Kenya.

Study design: A survey research design was used targeting 134 management and staff drawn from different CBOs from six sub counties in the area using stratified sampling.

Methodology: Data were collected using structured a questionnaire and analyzed using both descriptive and inferential statistics

Results: The findings of the study show that Technical skills ($\beta = 0.347, p < .001$) and Auditing controls ($\beta = 0.285, p < .001$) are significant while Internal control systems and budgeting ($\beta = 0.095, p = .224$) and Bookkeeping ($\beta = 0.024, p = .772$) are not significant factors influencing financial control practices of CBOs in the area.

Conclusions: The technical skills of the CBO officials in the area needed to be strengthened especially with regard to spending priorities. It is recommended that standardized accounting and reporting should be provided by the government in order to make the financial activities of the CBOs tractable through sharing of information on a common and acceptable platform. More studies should however be done on the effects of regulations governing funding of CBOs on their performance and on the influence of ICT on the financial performance of CBOs.

Key Words: *Community Based Organizations, Financial Control Practices, Capacity Assessment*

1.0 INTRODUCTION

The evolution of community organizations in recent years especially in developing countries has reinforced the view that these grass root organizations are more effective in addressing local needs than larger charitable organizations due to their penetration, networks and perceived neutrality in their areas of operations. Consequently, many international non-governmental organizations are increasingly relying on CBOs to access the community, hence, in most cases partnering with them for greater developmental outreach¹.

Currently, it is estimated that there are approximately 40,000 CBOs in Kenya. From late 1980s, Kenya has witnessed increased proliferation of organizations carrying out non-profit work. The last three decades has witnessed unprecedented growth in number and activities of these organizations. The volume of resources controlled by the sector has also grown, if activities carried out by non-profits are anything to go by Karuti & Mitullah⁷.

These CBOs play a critical role in creating a ground for individuals to share their problems and resources in a manner meant to edify the community². Moreover, these organizations serve to bridge the gap between the 'haves' and the 'have-nots' of the society and their main sources of finance are contributions from the members of the organization, society and donors³. This notwithstanding, the CBOs in the Kenya are experiencing myriad of problems that include ineffective boards, absence of strategic planning activities, poor recording practices, lack of necessary policies and procedures, high turnover of employees and volunteers and dependence on a limited number of funding sources⁴. In addition, typically CBOs are reliant on donations from their members, the local community and at times sponsorship from government and businesses. Some get their funding from international donors such as agencies, religious organizations and even individuals⁵. Therefore, financial control practices such as budgeting and

accurate reporting are essential in not only meeting the donor objectives but also building their confidence.

According to World Vision Kenya (WVK) capacity assessment report⁶, several water projects' financial transactions, especially the sales of water were still not clearly transparent and accountable due to lack of effective transactional systems. The capacity assessment report also showed that some CBOs, did not have well developed financial tracking system to enhance its performance measurement.

2.0 RESEARCH METHODOLOGY

This study used a survey research design method. The target population comprised of 220 active CBOs in Baring County and a sample of 142 CBOs was determined using the simplified Yamane⁸ formula. Data was obtained from primary sources using questionnaires with closed ended questions. Reliability of the research instrument was calculated using Cronbach's coefficient alpha for either even or uneven items based on the order of number arrangement of the questionnaire items. The study obtained a Cronbach Alpha value of 0.7913 which was above the recommended value of 0.70.

2.1.1 DATA ANALYSIS AND PRESENTATION

Data was analyzed using descriptive and inferential statistics with the aid of Statistical Package for Social Sciences (SPSS). Pearson Product Moment Correlation analysis was used to measure the strength and direction of relationship between variables. The researchers also used multiple regression analysis to establish whether the independent variables predicted the dependent variables.

3.0 RESULTS AND DISCUSSIONS

3.1. Descriptive Statistics

Descriptive statistics used were mainly means, modes, medians and standard deviations. The descriptive statistics helped to develop the basic features of the study and form the basis of virtually every quantitative analysis of the data. These results are arranged and presented as per the objectives of the study.

3.1.1 Technical skills of CBO Officials and Financial Control Practices

The results in Table 1 indicate that majority (25%) of the respondents thought that the training facilitators conducting training sessions for the CBO officials in financial control were knowledgeable.

However, the findings also revealed that fewer (9%) CBO officials attended training regularly in financial management while equally few CBOs had in their workforce experienced finance personnel. This implies that a lot still needs to be done to address the competence of the CBO staff as regards financial management specifically the financial control aspect if they were to achieve enhanced control of their finances.

Table 1: Technical skills of CBO officials and financial control practices

Statements	Agree Freq (%)	Neutral Freq (%)	Disagree Freq (%)	χ^2
Cash is withdrawn only after authorization has been given	130(97.7)	3(2.3)	0	74.090*
No official can perform a cash transaction alone	130(97.7)	2(1.5)	1(.75)	165.135*
The controls in place are adequate	103(77.5)	23(17.3)	7(5.2)	101.098*

My CBO operates with a periodic budget 101(75.6) 26(19.6) 6(4.5) 75.030*

My organization experienced high budget variances in the last reporting period 58(43.5) 35(26.3) 40(30.1) 26.812*

*Significant at 0.05 level

3.1.2 Internal Controls Systems and Budgeting and Financial Controls Practices

From Table 2, results indicate that majority of the respondents were of the opinion that no CBO official could perform a cash transaction alone (69%). This is substantiated by the finding that cash was withdrawn from the CBOs only after due authorization had been made (63%). It emerged that a good CBOs experienced high budget variances in the last reporting period (43.5%) although fewer CBOs operated without periodic budgets. However, the finding also revealed that there was uncertainty on whether the financial control measures in the CBOs were adequate (22.5%). These findings imply that the practice of internal controls in the CBOs was mainly limited to controlling financial transactions but seemed to overlook the budgeting aspect of financial controls. The CBOs need to be shown how to make reasonable budgets not jumbled ones. This is in line with Jowell⁹ where he argued that budget is not a wish-list but a carefully worked out plan for what a project will cost an organization. A budget is also a tool of control that will guide the management of an organization as they implement their activities⁹ (Jowell, 2009).

Table 2: Internal controls systems and budgeting and financial control practices

Statements	Agree Freq (%)	Neutral Freq (%)	Disagree Freq (%)	χ^2
My CBO uses a standard accounting system	74(55.6)	33(24.8)	26(19.6)	53.429*
My CBO subscribes to the international accounting standards	31(24.3)	30(22.6)	72(54.1)	28.092*
My CBO updates its accounting records regularly	115(85.7)	10(7.5)	9(6.8)	160.347*
My CBO prepares timely financial reports	112(84.2)	16(12.0)	5(3.7)	143.128*

*Significant at 0.05 level

3.1.3 Bookkeeping and Financial Control Practices

Viewing strongly agree and agree opinions in Table 3, as positive, it can be deduced that the CBOs updated the accounting records regularly (85.7%), thereby enabling them to make timely financial reports (84.2%). However, the reporting was non-standard (only 55.6%) and fewer CBOs subscribed to international accounting standards (23.3%). These findings suggest that while accountability was emphasized in the CBOs, standardization was not emphasized possibly due to the perceived lack of capacity of the CBO officials and lack of common reporting standards to all the CBOs in the country. A gap was noted and can only be filled with proper regulations as regards financial reporting in CBOs.

Table 3: Bookkeeping and financial control practices

Statements	SA Freq (%)	A Freq (%)	N Freq (%)	D Freq (%)	SD Freq (%)	χ^2
My CBO uses a standard accounting system	18(13.5)	56(42.1)	33(24.8)	19(14.3)	7(5.3)	53.429*
My CBO subscribes to the international	8(6.0)	23(17.3)	30(22.6)	46(34.6)	26(19.5)	28.092*

accounting standards

My CBO updates its

accounting records regularly 33(24.8) 81(60.9) 10(7.5) 7(5.3) 2(1.5) 160.347*

My CBO prepares timely financial reports

36(27.1) 76(57.1) 16(12.0) 4(3.0) 1(0.7) 143.128*

Key: SA=Strongly Agree; A=Agree; N=Neutral; D=Disagree and SD=Strongly Disagree

*Significant at 0.05 level

3.14 Auditing and Financial Control Practices

The results in Table 4 indicate that majority (39%) of the respondents strongly agreed that audit played a big role in controlling finances of the CBOs. There was also a general agreement on three statements regarding the performance of their CBOs in audit, that is, the CBOs were audited annually, that they performed well in the last audit, and that they had implemented the recommendations of the previous audit. This means that the respondents had high regard for auditing although the non-compliant ones (40.6%) i.e. those that were not audited annually are of great concern. This is because good controls demand that an organization should be subjected to an audit at least once a year.

Table 4: Auditing and financial control practices

	Agree	Neutral	Disagree	
Statements	Freq (%)	Freq (%)	Freq (%)	χ^2
Our CBO is audited annually	79(59.4)	21(15.8)	33(24.8)	58.246*
Our CBO uses an appointed supervisory committee for audit purposes	76(57.1)	24(18.1)	27(24.8)	56.060*
Our CBO performed well in the last audit	67(50.4)	42(31.6)	24(18.1)	46.361*
The last audit recommendations have been fully implemented	75(56.3)	32(24.1)	26(19.6)	49.519*
Audit plays a big role in controlling finances of the CBOs	99(75.4)	17(12.8)	17(12.7)	72.256*

*Significant at 0.05 level

3.15 Financial Control Practices in CBOs

The findings in Table 5 show that most (78.2%) of the CBOs in the area were experiencing fewer incidences of misappropriation of funds within their organizations. The findings also indicate that most (63.2%) of CBOs in the area had accrued less debt in the last two years compared to the past. This could be resulting from the training in financial controls and also the systems they had put in place to limit their expenditure. However, a sizeable proportion (37.6%) of the respondents opined that there are inadequate resources available for all activities in the CBOs. These findings suggest the financial control practices in the CBOs were working though they only needed to be strengthened. With regard to resource allocation the CBOs needed to be more careful during the planning stage where budgeting is done to ensure equitable distribution

Table 5: Financial Control Practices

	Agree	Neutral	Disagree	
Statements	Freq (%)	Freq (%)	Freq (%)	χ^2
There is adequate allocation of resources for all activities in our CBO	48(36.1)	35(26.3)	50(37.2)	19.293*
Projects are completed in time according to the planned budget	81(60.9)	29(21.8)	23(17.3)	94.181*
Our CBO has accrued less debts in the last 2 years compared to the past	84(63.4)	22(16.5)	27(20.3)	53.729*

There are fewer incidences of misappropriation of funds in our organization

104(78.2) 6(4.5) 23(17.3) 89.293*

Key: SA=Strongly Agree; A=Agree; N=Neutral; D=Disagree and SD=Strongly Disagree

*Significant at 0.05 level

3.2 Correlation Analysis

A Pearson product-moment correlation coefficient was computed to assess the relationship between technical skills of the CBOs officials, bookkeeping and budgeting, auditing practices adopted by CBOs, internal control systems and financial control practices of CBOs in Baringo County.

All correlations results were significant because the p-values were less than or equal to significance level of 0.05. All the associations were positive; however some were strong while others were weak.

More specifically, the correlation between the technical skills of CBO officials and financial control practices of CBOs in Baringo County was positive and strong ($r = 0.478$, $\alpha = 0.01$). The association between internal control systems and budgeting and financial control practices indicated a positive albeit weak correlation ($r = 0.220$, $\alpha = 0.05$) and the association between bookkeeping and financial control practices was also positive but weak ($r = 0.268$, $\alpha = 0.01$). Lastly, the correlation analysis results shows the existence of a positive and strong relationship between audit and financial control practices ($r = 0.435$, $\alpha = 0.01$).

Table 6: Summary of Correlations

	Technical Skills	Internal controls	Bookkeeping	Auditing	Financial controls
Technical Skills	1				
Internal controls	.192 [*]	1			
Bookkeeping	.347 ^{**}	.342 ^{**}	1		
Auditing	.363 ^{**}	.174 [*]	.318 ^{**}	1	
Financial controls	.478 ^{**}	.220 [*]	.268 ^{**}	.435 ^{**}	1

*. Correlation is significant at the 0.05 level (2-tailed).

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

Regression Analysis

Multiple regression analysis was used to determine how much the predictor variables can explain the variation in the dependent variable.

The results show that Technical skills of CBO officials, Internal controls systems and budgeting, Bookkeeping and Auditing explained 29.6% of variation in financial control practices. This means that other factors not in the study accounted for 70.4%.

The ANOVA results of indicate that there is a significant difference between means of factors influencing financial control practices in CBOs in Baringo County ($F_o = 14.890 > F_c = 2.37$; $\alpha < 0.05$; $df = 4, 129$; $p = 0.000$).

The study therefore establishes that Technical skills, Internal control systems and budgeting, Bookkeeping and Auditing were factors influencing the financial control practices of the CBOs in the area. This means that these factors made a notable difference in the financial control practices of the CBOs in the area and could not be ignored.

3.3. Hypotheses testing

The multiple regression analysis results shows a significant relationship exists ($\beta = 0.347$, $\alpha = 0.05$; $p = 0.001$). This led to the rejection of the null hypothesis and implies that the management insists more in training technical skills of personnel in the CBO hence better financial management. These findings agree with those of Vincent & Emil¹⁰ and also Wanyama¹¹ who compared CBOs performance to the state as not having been as effective in service provision despite the advantages that they enjoy over the state as far as development is concerned. They attributed this to a number of factors chief among them being the technical skills of the CBO officials.

These results show an insignificant relationship between internal control system and budgeting with financial control practices. The beta value is $\beta = 0.095$. This led to failure to reject the null hypothesis. This means that either the CBOs only emphasized on cash controls and ignored other important controls or internal controls and budgeting are no longer a concern to them. But the findings shows concern as regards budgetary controls where 43% of CBOs reported to have had budget variances in the last reporting period.

These findings are also consistent with those of Jowell⁹ who found out that development of credible budgets that are not out of pace with the planned activities has always been an area of challenge for some civil society organization. In fact CBOs were known to submit proposals with budgets way out of synchrony with the planned activities. The findings also agree with Kumar and Sharma¹² who concluded that internal control did not mean only internal check or internal audit, but the whole system of control, financial and otherwise, established by the management in order to carry on the business of the company in an orderly manner, safeguard its assets and secure as much as possible accuracy and reliability of its records.

The result of the multiple regression analysis shows that is not significant hence not a factors of concern. Testing the model coefficients gave $\beta = 0.024$. This led to the acceptance of the null hypothesis. The insignificance of bookkeeping on financial control may be due to awareness of recording of transactions among CBOs where all agreed was adequate even though there were no common format. These findings contradicted those of Odindo¹³ who found that many CBOs in Kenya fail due to either lack of transparency and accountability in the use of project funds or lack of proper records on how the funds are used. But the results of the depend variable questions revealed that 78.2% affirmed that there were fewer incidences of misappropriation of funds in their CBO meaning that at least there was an element of lack of transparency and accountability

The regression analysis shows a significant relationship exists between auditing and financial control practices of CBOs in Baringo County. Testing the model Coefficient gave, $\beta = 0.285$, and was found to be significant and thus led to the rejection of the null hypothesis. These findings imply that auditing practices needed to be upheld in the CBOs in order to strengthen financial control practices. The findings are in line with those in the WVK capacity assessment report (2013) which showed that some CBOs did not have well developed financial tracking system to enhance their performance measurement. This underscores the role of auditing in making the entire financial activities of the CBOs tractable both in the short and long term. Millichamp¹⁴ also affirms that organizations should exercise stewardship when using the organization's resources and the work of audit will be to scrutinize the books to establish this. The process whereby the managers of a business account or report to the owners of the business is called stewardship accounting.

Table 7 Multiple Regression Results

	Unstandardized Coefficients		Standardized Coefficients			Collinearity Statistics	
	B	Std. Error	Beta	t	Sig.	Tolerance	VIF
(Constant)	3.235	1.126		2.874	0.005		
Technical Skills	0.255	0.06	0.347	4.27	0	0.806	1.241
Internal controls	0.116	0.095	0.095	1.223	0.224	0.875	1.143
Bookkeeping	0.027	0.092	0.024	0.29	0.772	0.77	1.298
Auditing Controls	0.193	0.054	0.285	3.546	0.001	0.824	1.213
Model Summary and ANOVA Statistics							
R Square	0.318						
Adjusted R Square	0.296						
F	14.89						
Sig.	0.000						

Dependent Variable: financial control practices in CBOs

3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the study, it can be concluded that the technical skills of the CBO officials in the area played an important role in upholding good financial control practices. On the job training where the trainers were indeed knowledgeable in the field of financial management contributed significantly to the equipping the CBO officials in the area with knowledge in financial controls and needed to be strengthened especially with regard to spending priorities. It was found that two thirds of the CBOs in the area were audited annually although it is advisable that all such organizations needed at least an annual audit to track their performance. However, since most of the CBOs did not have the capacity to employ full time accounting staff they appointed supervisory committees to carry out the audit. Hypothesis tests also revealed that Technical skills of CBO officials and auditing were significant factors influencing financial control practices while internal control systems and budgeting, and bookkeeping insignificant factors.

The technical skills of the CBO officials in the area needed to be strengthened especially with regard to spending priorities and all areas of financial control. CBOs should try as much as possible to have one member who is well trained in financial management to take an advisory role as regards financial management. Consequently, the CBO management should employ an accounting staff to oversee financial management. CBO officials can also chose to organize for bi annual or periodic trainings in financial management where they engage experts or financial management institutions to train them. Emphasis need to be laid on the internal control systems and budgeting as most of the CBOs internal control systems and budgeting techniques have not reached the desired level. Therefore, stakeholders including donors and government need to provide more training for the CBO officials especially in budgeting techniques. Studies revealed that budgeting is an important planning and control tool hence cannot be a statement of mere estimates.

Standardized reporting should be stipulated by the government in order to make the financial activities of the CBOs tractable through sharing of information on an acceptable and common platform. The government can borrow a leaf from South Africa where manuals have been prepared to assist CBOs in financial management. These manuals contain templates and formats of financial reporting and recording transactions. Auditing and monitoring should be routinely conducted to ensure policies are followed and plans executed in time. The state should provide free audit services to ensure the projects are well managed since the beneficiaries are communities who are members of the public.

Finally, scholars in the field of accounting need to develop easier training modules to encourage CBO officials from the non-accounting professions to learn accounting and auditing with comfortably.

Government or NGOs can also help CBOs by providing them with resources and management assistance¹⁵. The following areas are recommended for further research; the effects of regulations governing funding of CBOs on their performance, the influence of ICT on the financial performance of CBOs and a study involving a larger sample and incorporating other sectors related to the CBOS. This will enable more generalized conclusions on the factors influencing financial control practices in CBOs.

CONSENT

In this study, the participants were given adequate information on the aims of the research, the procedures that would be followed, the possible advantages and disadvantages for the participants, the credibility of the research and the purpose for which the results were to be used. This enabled participants to make an informed decision on whether they want to participate in the research or not. All respondents, therefore, gave their free and informed consent to participate in this study anonymously. No form of deception or coercion was used to ensure the participation of the respondents.

ETHICAL APPROVAL

In this study, the researcher followed the following research ethics:

In order to conduct research at the CBOs, approval for conducting the research was obtained before any data is collected from the National Commission for Science Technology and Innovation (NACOSTI) and the County Education Officers.

The researcher also sought consent from the overall management of the CBOs in the area to carry out the study. The authorities and the respondents were given the understanding that the findings were to be used to improve or strengthen the existing financial control practices and add to the body of knowledge for further research by academicians. The identity of respondents giving information was made private and confidential to prevent any victimization.

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327 **DEFINITIONS, ACRONYMS, ABBREVIATIONS**

328

329 CBO: Community Based Organization

330 COBIT: Control Objectives for Information and Related Technology

331 GAAPs: Generally Accepted accounting Principles

332 ICAEW: Institute of Chartered Accountants of England and Wales

333 ICPAK: Institute of Certified Public Accountants of Kenya

334 ICS: Internal Control Systems

335 IFASB: International Financial Accounting standards Board

336 IMF: International Monetary Fund

337 INTOSAI's: International organization of supreme audit institutions

338 NGO: Non-Governmental Organization

339 NPO: Non Profit Organization

340 PTAs: Parent Teachers Associations

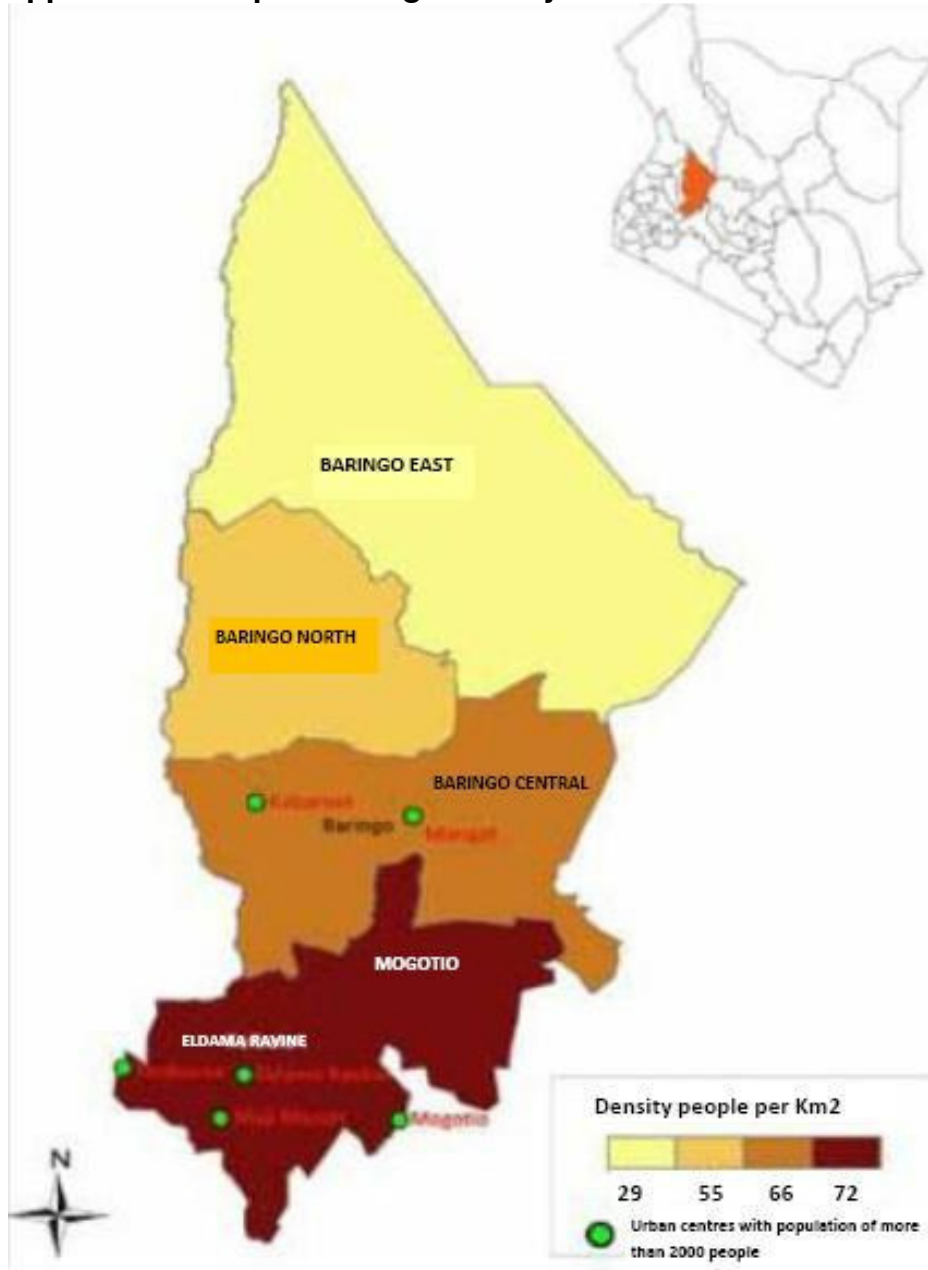
341 SMCs: School Management Committees

342 WVK: World Vision Kenya

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APPENDIX

Appendix IV: Map of Baringo County



Source: Kenya Mpya site

Baringo County is a county in Kenya. It has a Total Population of 555,561; 110,649 Households and covers an area of 11,015 SQ. KM. The Population density is 50 people PER SQ. KM and 58% of the population live below the poverty line.