

ACTIVITIES ACTION PICTURES

OFFICE OF THE EXECUTIVE GOVERNOR

KANO STATE BUREAU OF STATISTICS

2021 Fulani Herdsmen Households Headcount Report

OUR MISSION

To support policy making and result based performance management through research, development and management of robust statistical information.

OUR VISION

A nationally acclaimed State Bureau of Statistics for Credible and Authoritative Research, Development and Information.

STRATEGIC OBJECTIVES

- To support policy making through the provision of timely, accurate, reliable data and Information
- To strengthen capacity of state statistical system through training, retraining of staff and monitoring of up-to-date management system.
- To support good governance and its sustenance by facilitating the dissemination of Statistics.
- To ensure value for money for public investments in programs and projects by supporting a robust performance management system.

CONTENTS

ACTIVITIES ACTION PICTURES.....	1
Preface	7
Acknowledgement	8
Executive Summary	9
Definition of some key terms.	12
Chapter 1 Organization of the Study	14
1.2 Objectives of the Survey	15
1.3 Scope and Coverage	15
1.4 Survey Methodology	16
1.4.1 Sampling Design.....	16
1.4.2 Survey Instruments	17
1.4.3 ODK Installation.....	17
1.4.4 Source of field personnel	17
1.4.5 Training for field work	18
1.4.6 Field work Arrangement and Data collection.....	20
1.4.7. Survey Solutions	20
1.4.8 Post Field Work Activities.....	20
Chapter 2: Population	22
Narration.....	22
Observation	22
Table 1a: Population of Fulani Community (Herdsmen) by LGA	22
Table 1b Household Head Indigenization Status by LGA	25
Table 1c : Herdsmen Household Population challenges by LGA (composite multi Choice responses)	27
Table 2: Herdsmen Household Population by Age group and Gender	29
Table 3 : Herdsmen Children Age group and Gender	32
Table 4:- Herdsmen Household Head Category Type by LGA	35
Table 5: Head of the Household Age Group by LGA	37
Recommendations.....	39
Conclusions.....	39

Chapter 3: - Education.....	40
Narrations.....	40
Observations	40
Table 6: Household heads Educational Status by LGA	41
Table 7: Household Head (Respondent's) Level of Educational by LGA	43
Table 8: Proximity and Access to Educational Facilities by LGA.....	45
Table 9 : Household members School age bearing by LGA.	47
Recommendations.....	51
Conclusions.....	51
Chapter 4 Agriculture	52
Narrations.....	52
Observations	52
Table 10: Herdsmen Livestock distribution by LGA.	53
Table 11: Herdsmen Population Pattern of Migration by LGA (Multi Choice responses).....	54
Table 12: Household Pastoral production at commercial quantity by LGA	57
Table 13: Commercial Milk Production per Liter by LGA.....	59
Table 14: Herdsmen's Animal Access to Vaccination by LGA.....	62
Table 15: Household Proximity to Veterinary Hospital by LGA.....	64
Table 17 Animal Management System by LGA. (Multiple Choice Question)	68
Table 18: Herdsmen Compliance to the new Government Grazing System by LGA.	70
Table 19 Expected Livestock challenges when resettled in one place (Multi Choice Responses)	73
Table 20: Challenges Faced During Animal Migration by LGA.(Multi Choice Responses)	75
Recommendations.....	82
Conclusions.....	83
Chapter 5: Water.....	84
Narrations.....	84
Observations	84
Table 21 Livestock Sources of Water by Type and LGA (Multi Choice Responses).....	84

.....	89
Recommendations.....	90
Conclusions.....	90
Chapter 6 : Health.....	91
Narrations.....	91
Observations	91
Table 23: Household Health Services requirements by LGA (Multi Choice Responses)	92
Table 24: Availability of Health Facilities / Health Services by LGA.....	94
Table 25: Households' Preferred Health Facility by type and LGA (Multi Choice Responses)	96
Recommendations.....	99
Conclusions.....	99
Chapter 7 : Economy	100
Narrations.....	100
Observations	101
Table 27: Commercial Milk Production per LGA.....	101
Table 28: Household Commercial Milk sales distribution between Home & Market	108
Table 29: Average Milk Prices per Liter by LGA.....	110
Table 30 : Proximity to the nearest Market by LGA.....	112
Recommendations.....	114
Conclusions.....	114
Chapter 8 : Environment, Housing & Transport	115
Narrations.....	115
Observations	116
Table 31: Dwelling Ownership by Type and LGA	116
Table 32: Dwelling locations by community type and LGA.....	119
Table 33: Household Domestic Mode of Transportation (Multi Choice Response .	120
Table 34: Housing support required by category and LGA (Multi Choice Responses)	122
Table 35 : Household proximity to major Roads by LGA	124

Table 36: Households’ response on relative returns to Kano	126
Table 37: Household compliance to Government resettlement plan by LGA	128
.....	130
Recommendations	130
Conclusions.....	130
Chapter 9: Security.	131
Narrations.....	131
Observations	132
Table 38: Security confidence of Household at their locations by LGA.....	132
Table 39: Household access to security operatives by LGA	134
Table 40: Type of Security Personnel Accessed & Available.....	135
Table 41: Security Challenges faced by Herdsmen by type and LGA	137
Recommendations.....	140
Conclusions.....	140
Chapter 10:- General Conclusion and Policy Recommendations	141
10.1 Conclusions	141
10.2 Recommendations	141
Policy Options.....	142
Policy option:	142

OUR GUIDING PRINCIPLES

Professionalism & Expertise:

We adhere to professional ethics and proficiently produce quality that complies with international concepts and best practice.

Relevance:

We constantly upgrade our processes and produce statistics that meets user's needs.

Accessibility:

We make our statistics readily available.

Confidentiality:

We protect the confidentiality of information provided to us.

Timeliness and Reliability:

We produce statistics that users can depend on and disseminate them at the earliest possible date while maintaining data quality.

Cost Effectiveness:

We use resources effectively, minimizing respondents burden and leveraging on administrative data.

PREFACE

Household surveys are generally important source of socio-economic data which provide indicators to inform and monitor developmental policies. The surveys have become a dominant form of data collection, supplementing or sometimes even replacing other data collection programme and a source of civil registration system.

The Herdsmen Household Survey programme was solely initiated by the present administration of His Excellency, Dr. Abdullahi Umar Ganduje OFR, Khadimul Islam, with a view to getting exact number of herders household in the state and the influx of the displaced herders from other neighboring states of the country, who were afflicted by the incidence of cattle rustling, insurgency and banditry.

Being the first of its kind, Kano State Herdsmen Household Survey (KSHHHS) was conducted by the State Bureau of Statistics (SBS) July -August 2021, in collaboration with the Coalition of Fulani Association (COFA) and National Bureau of Statistics (NBS), using the process of advanced Geographic Information System (GIS) and information technology that tied household information to location in an attempt to include all Nomadic, sedentary and migrant herders household in the State.

The results of the herdsmen household survey will provide information for government policy decision making on socio-economic development of herders and the State in general. Equally, it will strengthen the investment in agricultural value chains such as Diary, Livestock, Organic Manure, Hides and Skin etc. and also improve the state security

(Dr) Ali H. Abubakar

Chief of Staff to the Governor

ACKNOWLEDGEMENT

The Kano State Herdsmen household survey report tends to provide relevant information that link information – planning – budgeting - monitoring and evaluation. It provides a source of important information on all Herdsmen in Kano State.

The overall objective of the publication is to show case the exact number of herders in each Local Government Area as baseline information for government to implement policies. It will serve as reference data for future planning towards herder's migrants coming back to Kano for further consideration and improvement of their traditional settings.

This would not have been produced without the encouragement and financial support of His Excellency the Executive Governor of Kano State, Dr Abdullahi Umar Ganduje, OFR, Khadimul Islam and The Deputy Governor of Kano State Dr Nasiru Yusuf Gawuna. Similarly, we acknowledged the untiring commitment of the Secretary to Kano State Government, Alhaji Usman Alhaji (Wazirin Gaya), Head of Civil Service Kano, Hajiya Binta Lawan Ahmad, Chief of Staff, Gwani Ali Haruna Makoda, Hon. Commissioner Ministry for Local Government and Chieftaincy Affairs, Alhaji Murtala Sule Garo, ALGON Chairman Muhammad Baffa Takai and all Chairmen of the 44 Local Governments, who ensure that the Herdsmen Report is up to date and is produced and disseminated to all stakeholders.

The Bureau remains indebted to our Royal Fathers of all the five Emirate Councils, Coalition of Fulani Associations (COFA) that showed keen interest in the successful compilation of this report.

My special appreciation goes to the entire staff of the Bureau of Statistics. Similarly, we appreciate efforts of the Hardo/Fulani (Local heads) and local guides that supported and guided the field's staff /enumerators to the Enumeration Areas (EAs) for the successful conduct of the exercise.

For further enquiries on this publication, the Bureau of Statistics may be contacted through this email address: kanbos2021@gmail.com

Aliyu Abdullahi Muhammad,
Director Real Sector, Households & Economic Growth,
Kano State Bureau of Statistics

EXECUTIVE SUMMARY

Kano State Bureau of Statistics with the support from the Kano State Government under the able leadership of His Excellency, Dr. Abdullahi Unar Ganduje, OFR, Khadimul Islam, conducted the Fulani Herdsmen Survey, July – August 2021. This survey incidentally is the first of its kind since the creation of Kano State in April, 1967.

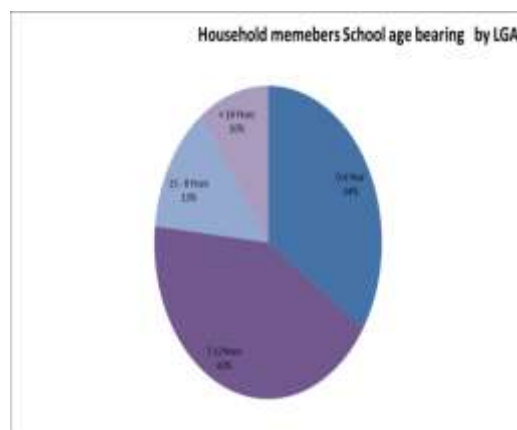
The Bureau had series of meetings with the Coalition of Fulani Association (COFA) in its preparation for the above exercise. 275,836 GIS Hamlets, extracted from 2021 Satellite Imagery, were used as a baseline out of which 185,520 housing units were confirmed as Rugage, the nature of Fulani family settings was disclosed with multiple households living in a single housing unit. The survey also reveals a realization of 774,560 households (HHs) which was visited.

The survey further revealed herdsmen population which is over 2,188,189 from 185,520 housing units. This therefore, confirmed the population density per household to be greater or equal to 12 persons per housing units, representing over 12.5% of the state population.

The survey indicates that about 95% of the herdsmen visited were Muslims across the 44 Local Government Areas of the State. It further revealed that the age of household heads that responded to the survey are as follows: - (5 – 17) years 0.40% (18 – 35) 33.4%, (36-60) years 51.8% and (60+)years 14.3% respectively.

The results of the survey further reveal that herder's children within the school age are (0 – 6) year 34.2%, (7 – 12) years 42.41% (13 – 18) years 13.34% and greater than (18 +) years is 10.01%. This indicates that 89.99% are within the school age bearing period and are not participating in any formal school but rather engaged in rearing livestock, due to migration from one place to another and also distance from their Rugage to schools as per the response from the findings of (1-5) km proximity access to educational facilities.

Almost herdsmen housing units covered do not have access to health facility 57.3% due to nature of spread housing units compared to 42.7% that have access to patent chemist. More than three quarters of herders visited have proximity to health facility challenges of greater or equal to 1km (SDGs).

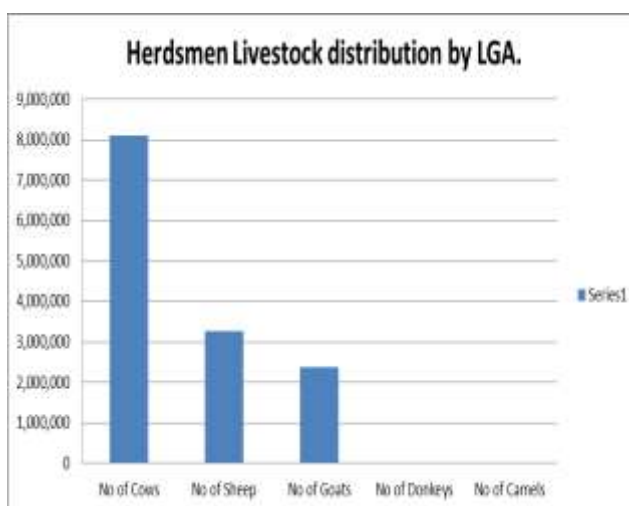
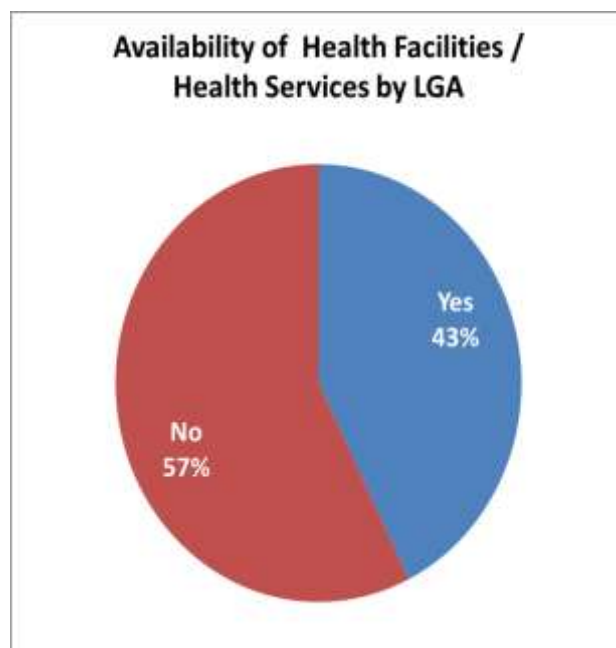


Moreover the diseases that trouble herdsmen more frequent are malaria, typhoid, and cholera. In addition the survey reveals some challenges of maternal services attendance respectively: - 28.9%, 14.2% 13.0% and 12.4%. Immunization services, tuberculosis, high blood pressure, diabetics and kidney problem are their minor diseases as stated below: 10.0%, 7.0%, 6.3%, 4.3% and 4.0%.

The survey findings depict herdsmen number of total livestock is to stand at 13,757,531 out of which 8,089,937 are cows, 3,272,320 are sheep, 2,374,440 are goats, 14,394 are donkeys and 6,440 are camels. Furthermore, the number of lactating cows is 2,630,589 producing 2,339,583 litres of milk per day, at an average of 1litre per cow. The Fulani herdsmen experience difficulties in marketing the milk. The challenges includes a distance greater than 10km to markets, absence of good roads and storage facility at the nearby markets, despite the average selling price is N314.00 per litre as revealed by the survey.

The mode of livestock management practiced by the herdsmen is more of extensive nature with (78%) coverage than intensive and semi intensive respectively with (11.0%) each. In the same vein, the survey indicated 70.2% patronage of the annual livestock vaccination; even though they face challenges of distance greater than 10 km proximity to veterinary services across the housing unit canvassed.

In nut shell, each household visited was grateful to His Excellency, Dr Abdullahi Umar Ganduje OFR, Khadimul Islam for this laudable project that will bring herdsmen closer to government so that they benefit from the mass housing projects in at least 5No locations in the state that will consist of grazing area, which will be equipped with all necessary machineries for pasture development, dairy production centres, artificial insemination, feedlot, feed mill, fishponds, earth dams, schools, dispensary/ health post, veterinary clinics, modern markets, feeder roads and security outpost etc., as a steps towards enjoying the dividend of democracy in Kano State.



It is hoped that this publication will enhance the usefulness of the 2021 herdsmen contributions to the economy and social wellbeing of the society. The data can serve as the state's indispensable guide in the march towards attaining SDGs goals in Kano State in particular and Nigeria at large. The essence of the publication is to make tangible improvement in the living conditions of the herdsmen in Kano State as alternative to global best practices.

It is our hope that planners in all sectors of the state will avail themselves of the rare insights offered into the Herders Report 2021. The Bureau is grateful to individuals, local governments and Coalition of Fulani Association under its able leadership of Dr Kamal Umar who collectively contributed to the successful conduct of the Fulani Herdsmen Census 2021.

Baballe Ammani
Director General
Kano State Bureau of Statistics

DEFINITION OF SOME KEY TERMS

Geospatial Statistics:-

Geospatial data analytics rely on geographic coordinates and specific identifiers such as street address and zip code. They are used to create geographic models and data visualizations for more accurate modeling and predictions of trends

Household Unit:

A situated building that may or may not comprises of more than one household in the settings of Fulani culture.

Household:

Those who dwell under the same roof and compose a family; also: a social unit comprised of those living together in the same dwelling

Enumeration Area:

EAs are the operational geographic units (GIS instrument)for the collection of headcount / census data

Data collection ODK:

Open Data Kit (ODK) is a free, open-source suite of tools that allows data collection using Android mobile devices and data submission to an online server, even without an Internet connection or mobile carrier service at the time of data collection.

Hamlets:

Are GIS features, extracted with help of satellite imagery to depict all possibilities of scattered or spaced settlement (RUGAGE) within a GIS software environment.

KPIs:

Key performance indicators (KPIs) here refers to as the defined objectives that are set of quantifiable measurements of Fulani's Population, Educational, Economic, Agricultural, Medical, Security and other social challenges that may be used to gauge strategic consideration for government planning, budgetary and other informed decision makings with regards to Fulani herdsman communities in Kano State.

Herdsmen:

The owner or keeper of a herd of domesticated animals e.g. Cows, Sheep, Goat, Donkey, Camels etc.

Rugage:

Are combinations of settlements where herdsmen and his domesticated animals leave as part of the household owned by a household head and other members of same family.

CHAPTER 1

ORGANIZATION OF THE STUDY

1.1 Introduction

Kano State is prepared and implemented herdsmen settlement plan not only because of the need to improve investment in agriculture but also on account of the rising concern of prevalence of complicit among herdsmen and farmers in the country, to diversify the economy of herdsmen, provide suitable grazing land, source of water, provide healthy livestock for national/international consumptions, improve milk production capacity, marketing network, enhance educational status and reduce unemployment among the Fulani herdsmen. With its sprawling geographical coverage, multifarious agro-ecological zones, and robust socio-demographic and edaphic characteristics, building herdsmen settlement plan will contribute in no small way towards accelerated development in the state.

Geographically, Kano State lies between latitude $11^{\circ} 30'N$ and longitude $8^{\circ} 30' E$ and covers approximately 21,414.178 sq km or 2.2 percent of Nigeria's land mass. It is bordered by four States: Jigawa, Kaduna, Bauchi and Katsina, within the NW geopolitical zone. The state lies at a mean height of about 472.45m above sea level. The temperature of Kano usually ranges between a maximum of 33.0 degrees centigrade and a minimum of 15.80 degrees centigrade although sometimes during the harmattan, it falls to as low as 10 degrees centigrade. The state has two seasonal periods, which consist of four to five months of wet season and a long dry season lasting from October to April.

The movement of the South West maritime air masses originating from the Atlantic Ocean influences the wet season which starts from May and ends in September. The commencement and length of wet season varies between northern and southern parts of the State. The length of the rainy season in the southern part of the State, is six months from early May to late September, while in the northern parts, it is from June to early September. The average rainfall is between 63.3 mm and 48.2mm in May and 133.4mm and 59 mm in August the wettest month. The vegetation of Kano State is semi-arid Sudan Savannah. The Sudan Savannah is sandwiched by the Sahel Savannah in the north and the Guinea Savannah in the south. The savannah is rich in faunal and floral resources suitable for the production of both cereals and livestock.

Demographically, Kano State is the most populous of Nigeria's 36 States. Current population is estimated at over 17 million. Growth in population has been rather rapid. Annual rate of growth averaged 3.2 percent (2006). Projections are that Kano is a mega city with more than 17 million inhabitants in 2021. The State population is almost equally divided between males (51 percent) and females (49 percent) and is predominantly youthful. 50 percent of the population is economically active within the 15-64 year-age bracket, while 47 percent are below the age of 15 and only 3percent are above the

retirement age of 64 years. Thus 50 percent of the population is made to depend on the other 50 percent of the population which constitutes the labour force. This implies a dependency ratio of 1:1. In other words, there is only one adult of working age available to take care of each dependent in the population. The active youth within the 15-39 years age bracket constitute 38 percent of the State population, while 47 percent is within the 5-24 year-age bracket. There are nearly 2 million women in the critical child bearing age (20-44 year) bracket.

Such a structure has obvious implications for state resources and future growth. Specifically the State needs to devote a substantial share of its resources to education at all levels, to maternal and child care and to programmes that create jobs and ensure the active youths are kept off the streets and are in productive ventures. Urban population has been growing rapidly since the creation of the state in 1967. The results showed that the population of Fulani herdsmen is 12.5% of 17,489,194.72 as at 2021 projection, which is important to note and prepare adequately.

1.2 OBJECTIVES OF THE SURVEY

The objective of the exercise was to generate information for strategic planning and policy formulation among the Fulani herdsmen for them to enjoy the dividend of democracy in Kano State, Increase the availability of reliable, timely data / key performance indicators to support fiscal policy issues thus keeping them abreast with international best practices and Monitor the progress of Fulani herdsmen in ***education, health, commerce, agriculture, empowerment and security to mention a few.***

The survey is aimed at providing comprehensive, reliable, and timely policy relevant statistical data on Fulani Herdsmen socio-economic indicators disaggregated by Local Government Areas, Wards, urban/rural areas, gender and age. Specifically, the survey aim among others, to:

- a) Provide timely and reliable information on the key indicators mentioned above.
- b) Provide an understanding of Fulani Herdsmen household structures and facilities, household pattern, their living conditions, education, health, housing, land ownership household assets, grazing areas, access to water mode of transportation and Security challenges.

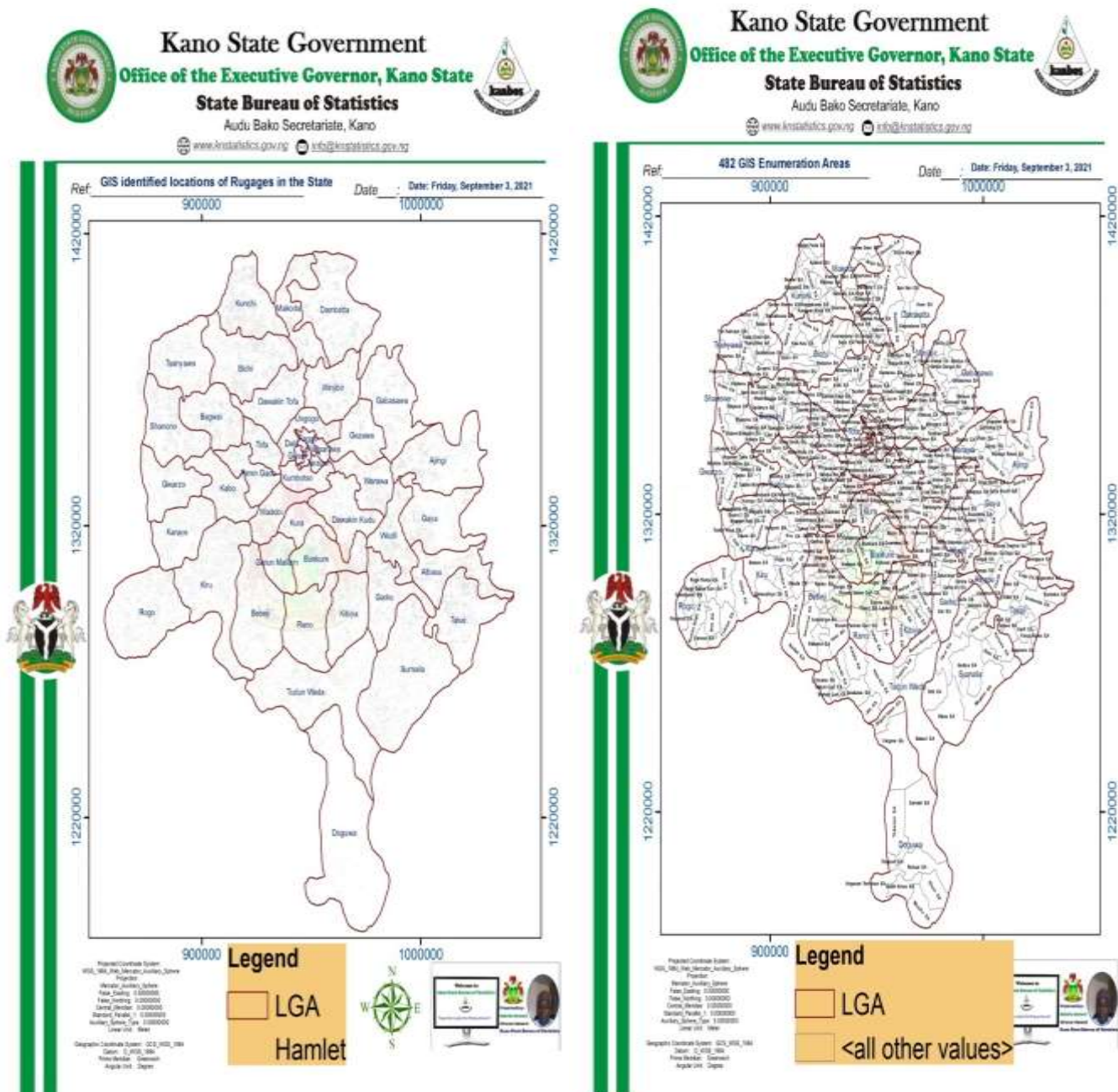
1.3 SCOPE AND COVERAGE

The exercise was designed to cover the existing 44 LGAs through the use of 482 Enumeration Area Maps containing GIS depicted hamlets (Herdsmen Household) of **185,520** Housing-units across the State.

1.4 SURVEY METHODOLOGY ?

1.4.1 SAMPLING DESIGN

GIS feature extractions of hamlets from downloaded *Google satellite imagery* of 2021 was employed as sampling frame of the herdsmen targeted population. This approach was used in addressing large-scale household survey for the 44 LGAs conducted by the State Bureau of Statistics. Headcount Enumeration Areas (EAs) were reproduced from GIS based Maps.





Every EA contains GIS baseline household units to be covered by the exercise at 482 EAs units without overlap.

1.4.2 SURVEY INSTRUMENTS

Normal survey instruments ranging from Android Devices with installed ODK designed questionnaire EA Maps, Monitoring Maps, Supervision Maps, Enumeration composite Map, Face-caps, Hijabs, Tags, and writing materials were used. See (Appendix I).

1.4.3 ODK INSTALLATION

Powerful GPS Android Devices were used for the installation of the paperless data collection application across the 120 enumerators trained for the exercise.

1.4.4 SOURCE OF FIELD PERSONNEL

Kano State Bureau of Statistics in collaboration with Coalition of Fulani Association of Kano State (COPA) produced the enumeration workforce employed; it was series of screening on the selection criteria of Fulani Enumerators for the successful exercise conducted. Well experienced Monitors, Supervisors and Coordinators were allocated across the 44 LGAs using geospatial even distribution in justifications.

1.4.5 TRAINING FOR FIELD WORK

Conducted 2 days training on the Fulani Herdsmen 2021 household survey and field pilot / testing was conducted in Kumbotso and Warawa Local Government Authorities respectfully. More also a 2 days successful workshop training on the paperless data collection tool (ODK) and mode of questionnaire administration was integrated during the training that was covered by the **ARTV** Kano.



The training was conducted in two (2) consecutive days in four (4) sessions (Training & Practical Testing).

1.4.5 .OFFICIAL ATTENDANCE

1.	Director General	SBS Kano (Opening remarks)
2	Hussaini Umar Ganduje	Vice Chairman COFA
3	Aliyu Mohd Indabawa	Director Real Sector and Household Stat.
4	Bashir Uba Muhammad	Director ICT & Statistical Publications
5	Salihu Husain	Director Demography and Social Indicators
6	Awwalu Abba	Director Census and Survey
7	Hassan Muhammad	Chief Consultant SBS Kano
8	Umar Dambatta	Methodologies Consultant SBS Kano

1.4.5 .2 PILOT TESTING OF THE HOUSEHOLD SURVEY

Two LGAs one each from Rural and Urban areas where selected namely Kumbotso and Warawa LGAs for more action pictures.



1.4.6 Field work Arrangement and Data collection.

Posted and deployed Enumerators, Supervisors and Monitors.

At the first of the enumeration exercise Monitors, Supervisors and Enumerator have mostly reported to their respective areas / locations of assignments. They were all supported with two categories of Micro-plan Maps and EAs maps for take-up with the exercise squarely.



A stakeholders' sensitization were conducted through advocacy visits.

To guarantee high quality data from the field, ODK paperless android application was employed in data collection. Where a digital data control room in place maintained the inflow data errors correction instantaneously. Monitors and Supervisors tracked all the enumerated areas to ascertain compliance to Statistical ethics.

1.4.7. SURVEY SOLUTIONS

They were designed in such a way data are attended live with submission of the ODK based on the established **data control room** equipped with ICT materials and ICT professionals.

1.4.8 POST FIELD WORK ACTIVITIES

1. Coordinates received outside Kano State boundary of jurisdiction where nullified.
2. Spelling names error were detected and corrected.

3. “Geospatial Statistical tools” where used for statistical pivot operations in line with the provided Key Performance Indicators (KPIs)
 4. Results obtained from Geospatial Statistics where exported to Excel for further actions through SPSS and MsExcel
- The report is written in a manner to enable planners, programme developers, researchers, socialworkers, policy makers carry out analysis that would draw inference on the entire herdsmen population.

CHAPTER 2: POPULATION

NARRATION

Current Fulani estimated population who are engaged in herding activities are over **2,188,189** , The major Local Government of the state with highest Fulani herders population are Ajingi, Rogo, Bagwai, wudil, Makoda, Kiru and Bebeji which accommodated 44% of the state total herdsmen population.

The report highlights Fulani's population distribution by age group, gender, occupation, herdsmen category, religion and population density distributions.

OBSERVATION

Based on the findings 84.77% of the herdsmen population are state indigenes, 52% of the population are between the age of (0-12) years, 16% of the herdsmen population are between the age of (13-18) years, among the herdsmen classification 42% are domestic, 38% nomadic and 20% Seminomadic.

According to the report, Heads of Household are within the age range of (36-60) years.

TABLE 1A: POPULATION OF FULANI COMMUNITY (HERDSMEN) BY LGA

LGA Name	GIS Number of HHs Units	Number of House Units Visited	Number of Households Visited	70% of Fulani Population Captured	Population density per Household	GIS Projected Population	Actual 100% Population Captured
Ajingi	8136	11,220	46,880	94,360	12	23,590	134,800
Albasu	10648	2428	9,712	20,732	12	22,730	29,617
Bagwai	9240	8,112	32,448	59,872	11	17,049	85,531
Bebeji	8156	7,160	28,656	52,388	10	14,919	74,840
Bichi	15012	6,684	26,736	50,348	11	28,270	71,926
Bunkure	6444	4,188	18,784	35,256	11	13,562	50,366
Dala	0	12	48	96	11	24	137
Dambatta	11916	4,828	19,312	34,548	10	21,317	49,354

D/ Kudu	4840	1636	6,544	12,448	11	9,207	17,783
D/ Tofa	5764	3628	14,512	26,104	10	10,368	37,291
Doguwa	804	4,036	21,520	39,988	11	9,997	57,126
Fagge	0	32	128	264	12	66	377
Gabasawa	5840	3936	21,104	45,356	12	16,824	64,794
Garko	7484	7,076	28,304	54,172	11	14,324	77,389
G/Mallam	2088	2856	11,424	20,516	10	5,129	29,309
Gaya	8376	2744	10,992	21,644	11	16,517	30,920
Gezawa	5244	3044	12,384	24,548	11	10,572	35,069
Gwale	0	3200	2,832	7,148	14	1,787	10,211
Gwarzo	5564	6,260	25,552	54,256	12	13,564	77,509
Kabo	6864	1752	7,008	18,868	15	18,480	26,954
K/Municipal	0	40	160	284	10	71	406
Karaye	5060	3800	15,216	32,136	12	10,698	45,909
Kibiya	6020	2808	16,128	34,488	12	18,484	49,269
Kiru	13760	8,916	35,680	66,588	11	25,691	95,126
Kumbotso	2680	1188	8,336	17,260	12	9,734	24,657
Kunchi	14696	4,716	18,864	37,240	11	29,012	53,200
Kura	1124	3660	14,640	26,220	10	6,555	37,457
Madobi	3860	2336	9,344	15,560	10	6,428	22,229
Makoda	6120	8,396	33,584	58,680	10	14,670	83,829
Minjibir	6180	4,572	19,488	38,740	11	13,091	55,343
Nassarawa	828	1284	5,136	9,628	11	2,407	13,754
Rano	5132	3712	14,848	27,792	11	9,606	39,703
Rimin Gado	5232	6,348	25,568	43,992	10	10,998	62,846
Rogo	8160	7,164	28,656	62,828	13	17,891	89,754
Shanono	9632	4,992	19,968	44,168	13	21,305	63,097
Sumaila	13904	4,456	17,824	45,748	15	35,687	65,354
Takai	12624	3888	15,552	32,496	12	26,378	46,423
Tarauni	116	636	2,544	5,056	11	1,264	7,223
Tofa	4316	4,852	19,408	36,660	11	9,165	52,371
Tsanyawa	7076	3964	15,856	31,080	11	13,870	44,400
T/ Wada	8144	4,060	16,240	34,436	12	17,269	49,194
Ungogo	4004	2416	13,456	25,960	11	10,756	37,086
Warawa	6192	2396	21,968	51,124	13	33,030	73,034
Wudil	8556	10,088	41,216	80,656	11	20,164	115,223
Total	275,836	185,520	774,560	1,531,732	503	632,520	2,188,189

Source: SBS Kano

Summary of Fulani Herdsmen Headcount Population by LGA



© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 111–117

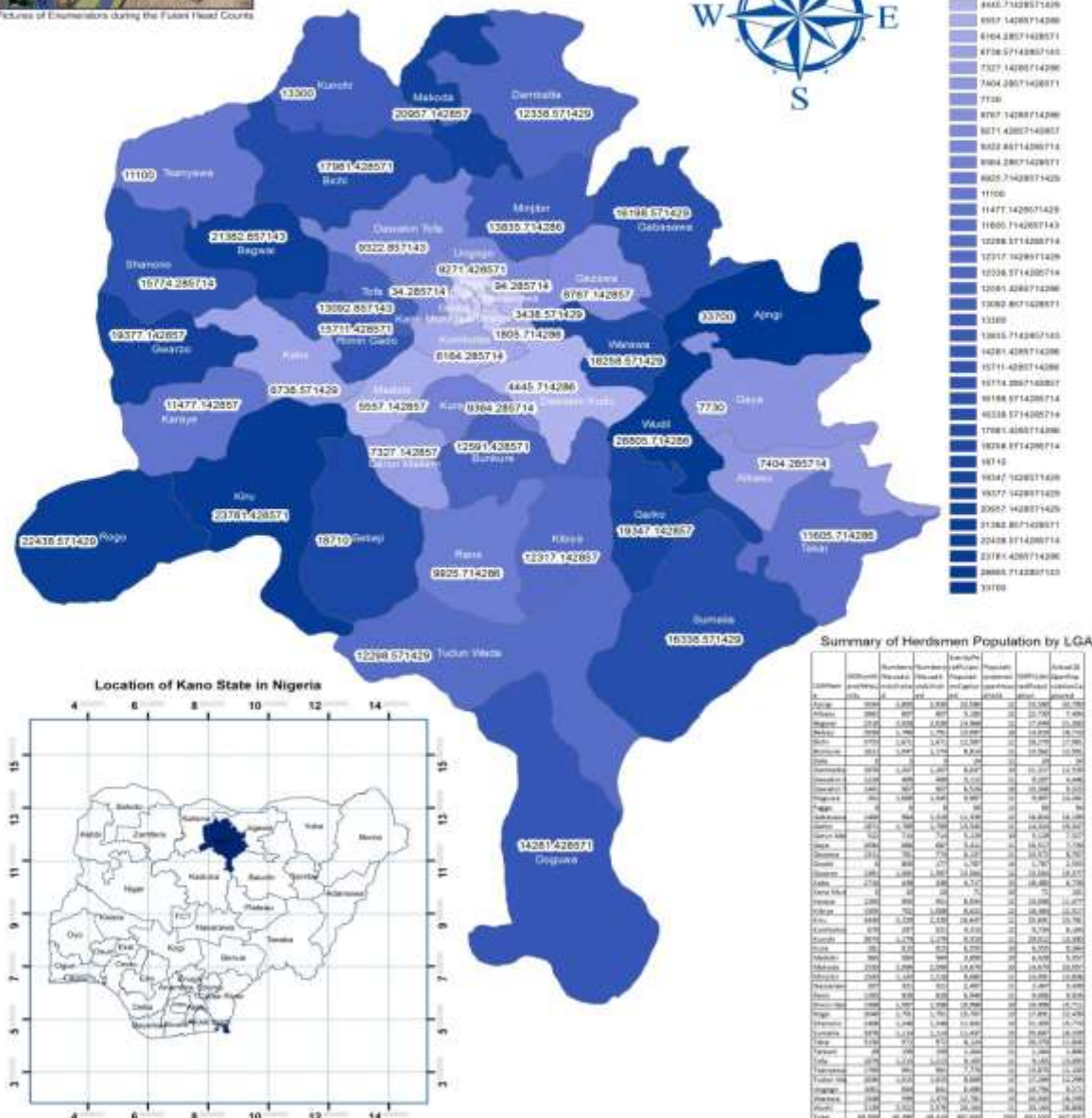
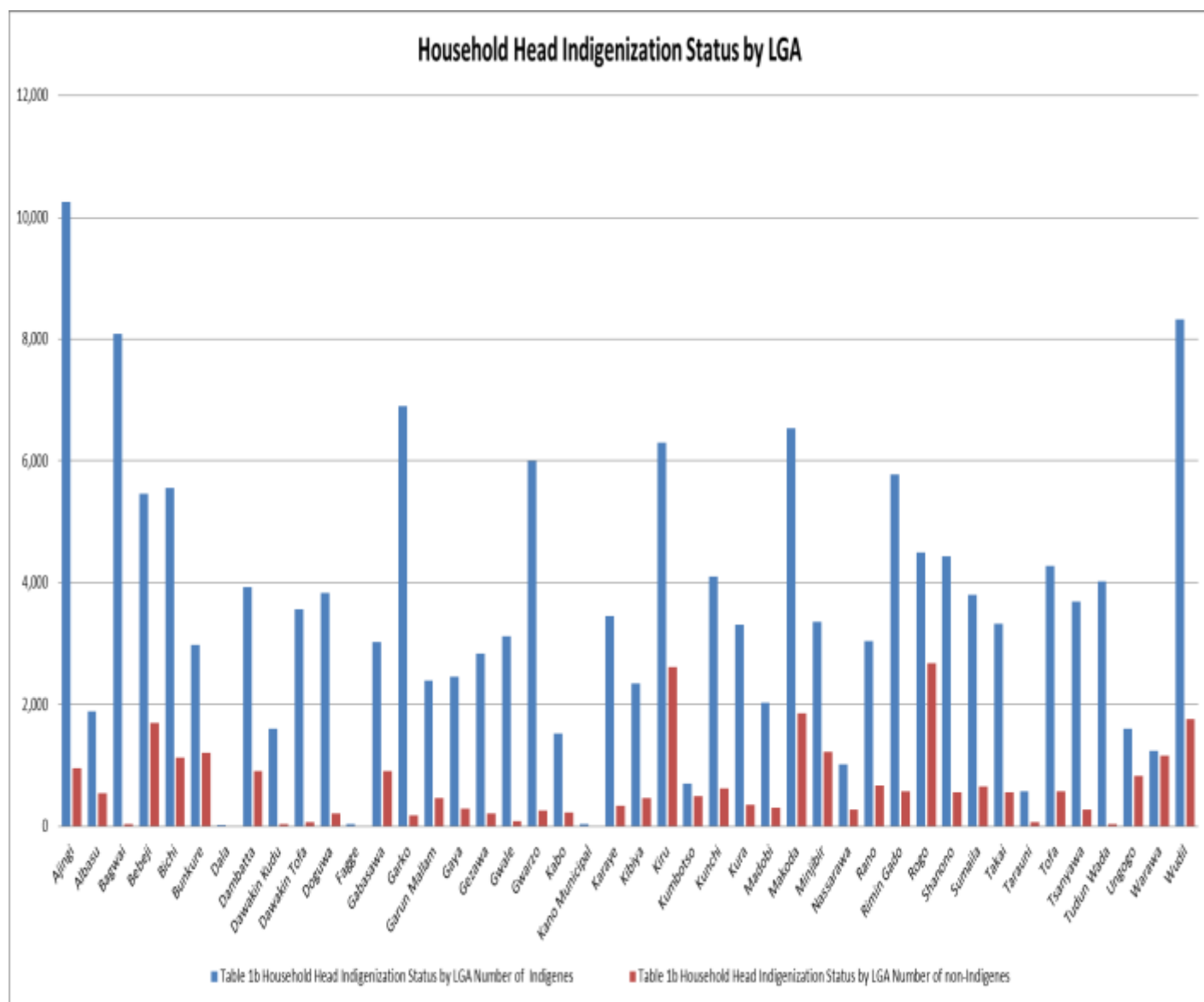


Table 1b Household Head Indigenization Status by LGA		
LGA Name	Number of Indigenes	Number of non-Indigenes
Ajingi	10,260	960
Albasu	1,884	544
Bagwai	8,084	28
Bebeji	5,464	1696
Bichi	5,556	1128
Bunkure	2,984	1204
Dala	12	0
Dambatta	3,920	908
Dawakin Kudu	1,596	40
Dawakin Tofa	3,568	60
Doguwa	3,828	208
Fagge	32	0
Gabasawa	3,032	904
Garko	6,900	176
Garun Mallam	2,392	464
Gaya	2,460	284
Gezawa	2,836	208
Gwale	3,124	76
Gwarzo	6,004	256
Kabo	1,520	232
Kano Municipal	40	0
Karaye	3,460	340
Kibiya	2,344	464
Kiru	6,296	2620
Kumbotso	696	492
Kunchi	4,100	616
Kura	3,304	356
Madobi	2,036	300
Makoda	6,540	1856
Minjibir	3,356	1216
Nassarawa	1,012	272
Rano	3,048	664
Rimin Gado	5,776	572
Rogo	4,492	2672
Shanono	4,432	560
Sumaila	3,796	660
Takai	3,332	556
Tarauni	576	60

Tofa	4,276	576
Tsanyawa	3,696	268
Tudun Wada	4,028	32
Ungogo	1,596	820
Warawa	1,244	1152
Wudil	8,328	1760
Total	157,260	28,260

Source: SBS Kano



**TABLE 1C : HERDSMEN HOUSEHOLD POPULATION CHALLENGES BY LGA
(COMPOSITE MULTI CHOICE RESPONSES)**

LGA Name	Proximity to Water 1-5Km	Proximity to HF 1-5 Km	Proximity to Education 1-5 Km	Proximity to Market 1-5 Km	Proximity to Vet Clinic>=10 Km
Ajingi	4116	4568	4688	4024	10992
Albasu	1056	772	916	872	2316
Bagwai	3052	2860	3208	2068	8080
Bebeji	3320	3376	3268	3308	7060
Bichi	2416	2800	2780	2068	6440
Bunkure	1540	1100	1340	1168	4116
Dala	8	8	8	8	12
Dambatta	2224	1980	1948	1620	4676
Dawakin Kudu	648	756	700	508	1616
Dawakin Tofa	1644	1624	1640	1468	3380
Doguwa	1688	1404	1700	1392	3832
Fagge	12	16	16	8	16
Gabasawa	1812	1520	1544	1360	3696
Garko	3016	3148	3120	2432	6884
Garun Mallam	1212	1204	1296	1096	2844
Gaya	1204	1344	1324	1168	2696
Gezawa	1424	1256	1456	1028	2764
Gwale	20	20	20	12	44
Gwarzo	2496	2540	2744	1508	4716
Kabo	788	676	652	512	1736
Kano Municipal	4	16	20	8	40
Karaye	1652	1464	1640	912	3360
Kibiya	1352	1152	1160	980	2756
Kiru	3532	2504	3108	2312	8132
Kumbotso	404	528	432	344	1176
Kunchi	1824	1868	2064	1624	4708
Kura	1536	1544	1532	1388	3652
Madobi	1116	1048	1108	592	2312
Makoda	3652	3968	3884	2704	7852
Minjibir	1956	1944	1964	1280	4060
Nassarawa	628	632	636	616	1092
Rano	1296	1276	1632	1352	2848
Rimin Gado	2692	2100	2644	1428	5736
Rogo	3356	3092	2728	2308	7060
Shanono	2132	1868	2352	1364	4980

Sumaila	2184	1836	1916	1948	3820
Takai	1716	1620	1668	1432	3756
Tarauni	292	308	296	280	424
Tofa	2240	2312	2328	1516	4760
Tsanyawa	924	1080	1096	792	3904
Tudun Wada	1788	1244	1376	1332	3868
Ungogo	1160	1200	1596	1092	2396
Warawa	1188	1196	1196	1176	2388
Wudil	4140	4244	4500	2660	10000
Total	76,460	73,016	77,244	59,068	172,996

Source: SBS Kano

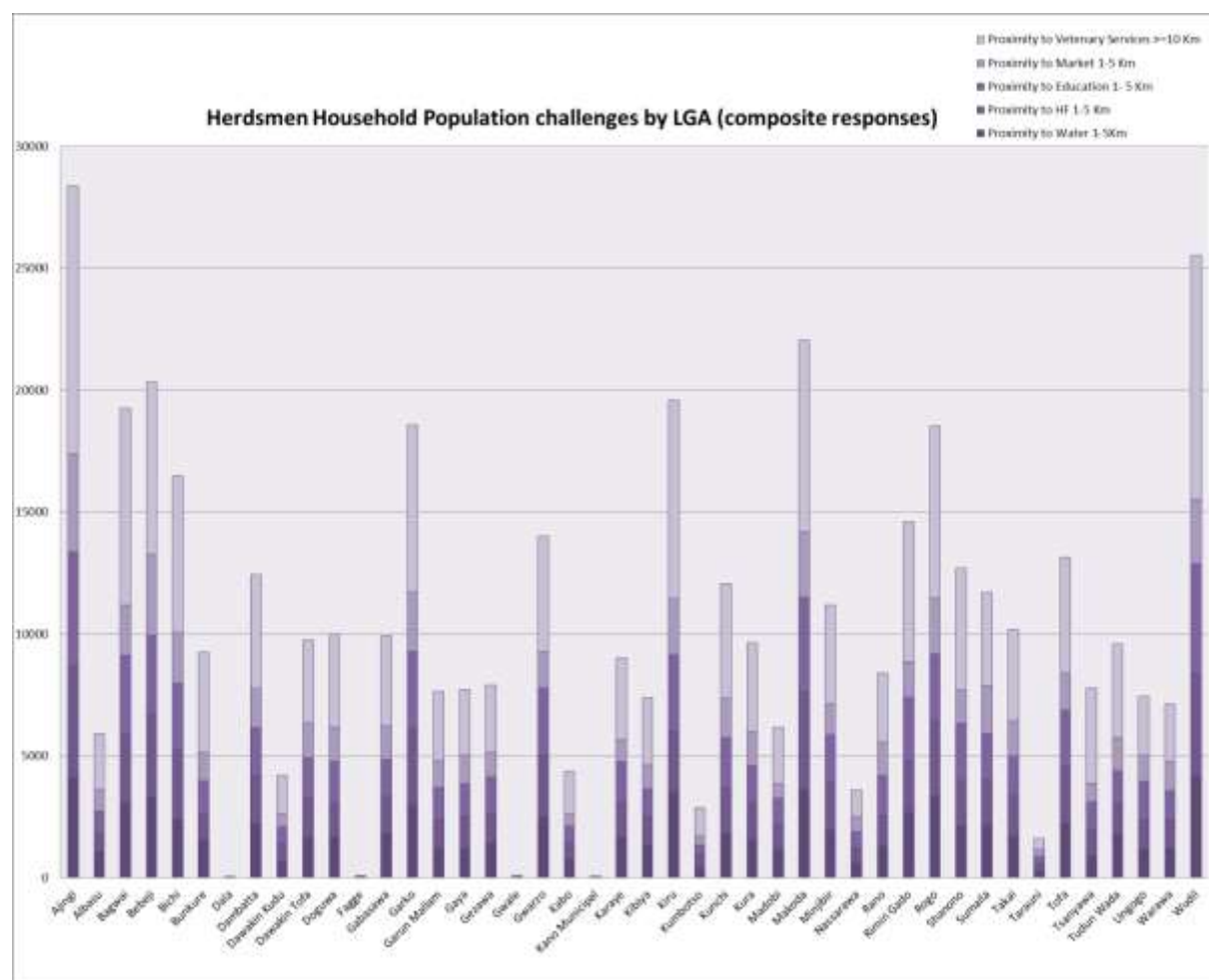


TABLE 2: HERDSMEN HOUSEHOLD POPULATION BY AGE GROUP AND GENDER											Total
LGA Name	Children Age 0-6 Years		Children Age Years 7 - 12 Years		Children Age 13 - 18 Years		Children Age > 18 Years		Parents		
	No. of Male	No. of Female Male	No. of Male	No. of Female Male	No. of Male	No. of Female Male	No. of Male	No. of Female Male	No. of Male	No. of Female	
Ajingi	14,217	14,754	16,217	21,794	7,989	5,697	5,246	5,097	16,743	27,046	134,800
Albasu	3,429	3,029	3,583	4,571	1,686	1,286	1,137	1,166	3,469	6,263	29,617
Bagwai	8,137	9,897	11,983	15,023	4,526	2,400	2,017	1,663	11,589	18,297	85,531
Bebeji	8,051	9,091	10,606	13,794	3,977	2,469	1,966	1,606	10,234	13,046	74,840
Bichi	8,531	7,674	9,126	10,703	4,514	1,851	2,543	2,006	9,549	15,429	71,926
Bunkure	4,851	5,114	6,326	8,760	3,703	2,349	1,651	1,326	6,709	9,577	50,366
Dala	17	17	29	6	11	6	6	6	17	23	137
Dambatta	5,017	6,469	6,971	7,280	2,509	1,434	1,131	800	6,897	10,846	49,354
D/ Kudu	1,634	1,834	2,343	2,983	1,280	760	543	486	2,337	3,583	17,783
D/ Tofa	4,314	4,749	4,937	5,931	1,937	1,086	1,051	697	5,183	7,406	37,291
Doguwa	6,029	10,394	6,669	7,440	3,006	1,651	1,223	857	7,686	12,171	57,126
Fagge	34	34	86	57	29	11	6	11	46	63	377
Gabasawa	7,269	6,811	8,200	10,646	4,669	2,560	1,903	2,103	7,537	13,097	64,794
Garko	8,611	8,903	9,137	11,783	4,771	2,389	3,303	2,366	10,109	16,017	77,389
G/ Mallam	2,509	2,994	3,600	5,411	2,086	886	1,057	720	4,080	5,966	29,309
Gaya	3,091	2,954	3,640	5,903	2,171	943	1,411	1,211	3,926	5,669	30,920
Gezawa	3,594	3,880	4,697	6,131	1,697	1,349	1,349	1,531	4,423	6,417	35,069
Gwale	1,640	1,406	1,617	1,240	629	800	234	400	1,011	1,234	10,211
Gwarzo	8,949	8,806	9,526	12,297	4,434	2,640	3,029	2,994	9,126	15,709	77,509
Kabo	4,000	3,731	3,497	3,606	1,251	1,069	1,194	1,726	2,503	4,377	26,954
KMC	46	40	57	103	11	11	6	0	57	74	406
Karaye	6,737	6,446	6,469	6,497	1,634	1,183	1,503	1,737	5,434	8,269	45,909
Kibiya	5,789	5,829	7,006	7,777	3,120	2,269	1,903	1,954	5,760	7,863	49,269

Kiru	10,149	10,960	12,091	15,886	5,731	2,674	3,634	3,011	12,743	18,246	95,126
Kumbotso	2,977	3,234	3,800	3,549	1,429	1,469	600	577	2,977	4,046	24,657
Kunchi	6,783	6,017	7,069	7,840	2,691	1,377	2,280	1,989	6,737	10,417	53,200
Kura	3,623	4,434	5,263	6,286	2,114	1,280	1,051	863	5,229	7,314	37,457
Madobi	2,211	2,869	3,103	3,549	1,029	600	606	343	3,337	4,583	22,229
Makoda	8,537	10,126	11,080	13,754	4,520	2,354	1,577	1,074	11,994	18,811	83,829
Minjibir	5,874	6,537	7,166	8,731	2,851	2,126	1,886	1,720	6,960	11,491	55,343
Nassarawa	1,263	1,503	1,863	2,211	869	537	509	457	1,834	2,709	13,754
Rano	3,640	4,457	4,657	6,229	3,069	1,211	1,629	1,229	5,303	8,280	39,703
Rimin Gado	6,903	7,726	8,629	10,880	2,663	1,417	1,560	1,337	9,131	12,600	62,846
Rogo	12,909	13,234	11,166	12,971	3,423	2,057	3,114	3,691	10,234	16,954	89,754
Shanono	7,983	7,423	8,314	9,063	3,714	2,074	3,126	3,006	7,131	11,263	63,097
Sumaila	9,217	7,983	8,120	9,480	2,926	2,600	3,434	4,114	6,366	11,114	65,354
Takai	5,211	4,509	5,474	6,731	2,623	2,034	2,446	2,269	5,554	9,571	46,423
Tarauni	749	697	789	1,131	606	303	320	257	909	1,463	7,223
Tofa	5,023	6,743	6,326	9,634	1,931	2,560	1,954	1,794	6,931	9,474	52,371
Tsanyawa	5,469	5,577	5,897	6,143	2,171	1,314	1,880	1,634	5,663	8,651	44,400
T/ Wada	5,754	4,954	5,931	8,171	3,240	2,486	1,731	1,480	5,800	9,646	49,194
Ungogo	4,057	5,120	5,086	5,137	2,080	1,366	1,371	909	4,806	7,154	37,086
Warawa	9,400	9,286	10,817	10,137	4,531	3,446	2,434	2,691	7,846	12,446	73,034
Wudil	12,920	14,189	15,754	19,211	5,903	4,440	4,943	4,611	14,720	18,531	115,223
Total	247,149	262,434	284,714	346,463	121,754	76,823	77,497	71,520	276,629	423,206	2,188,189

Source: SBS Kano

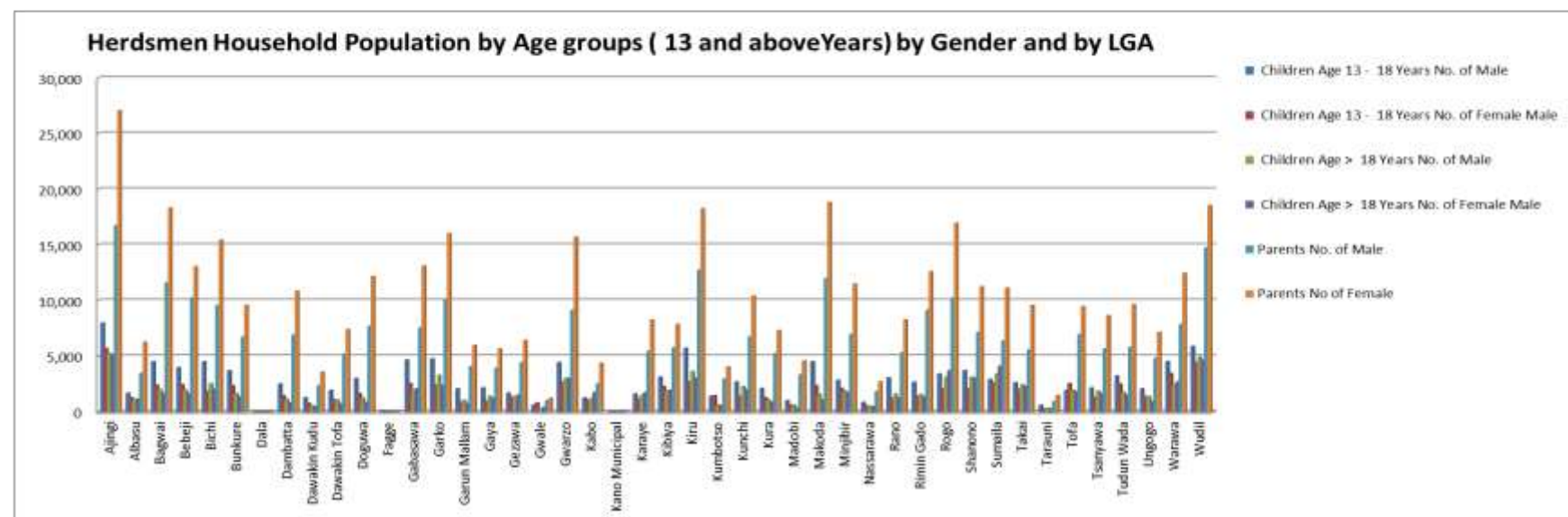
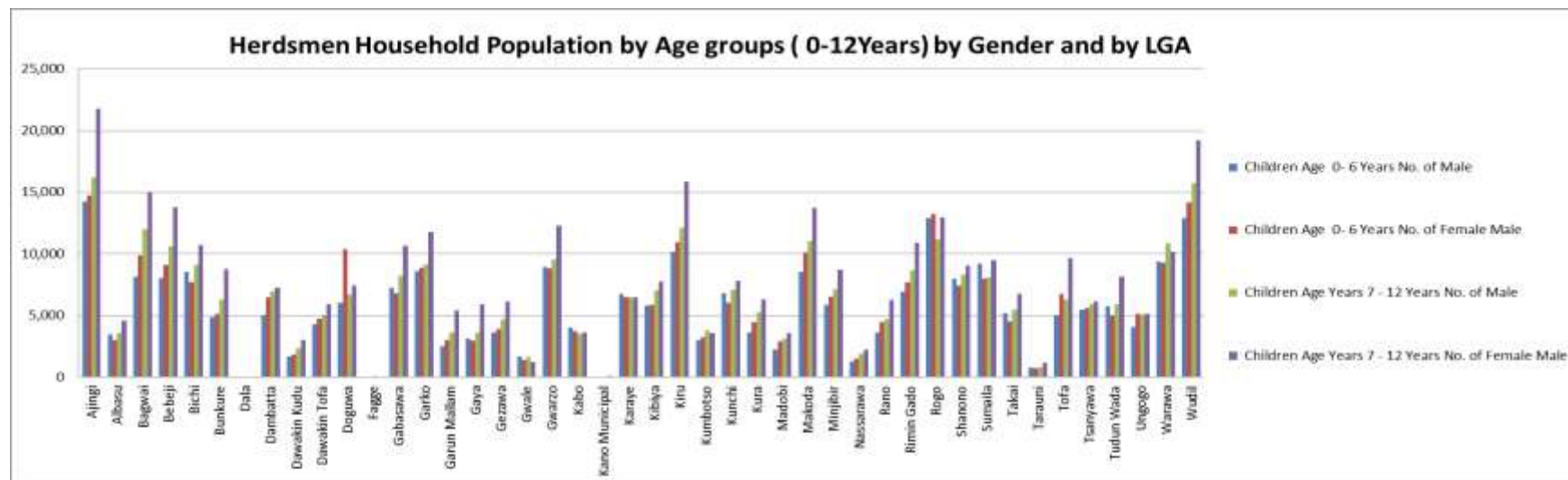
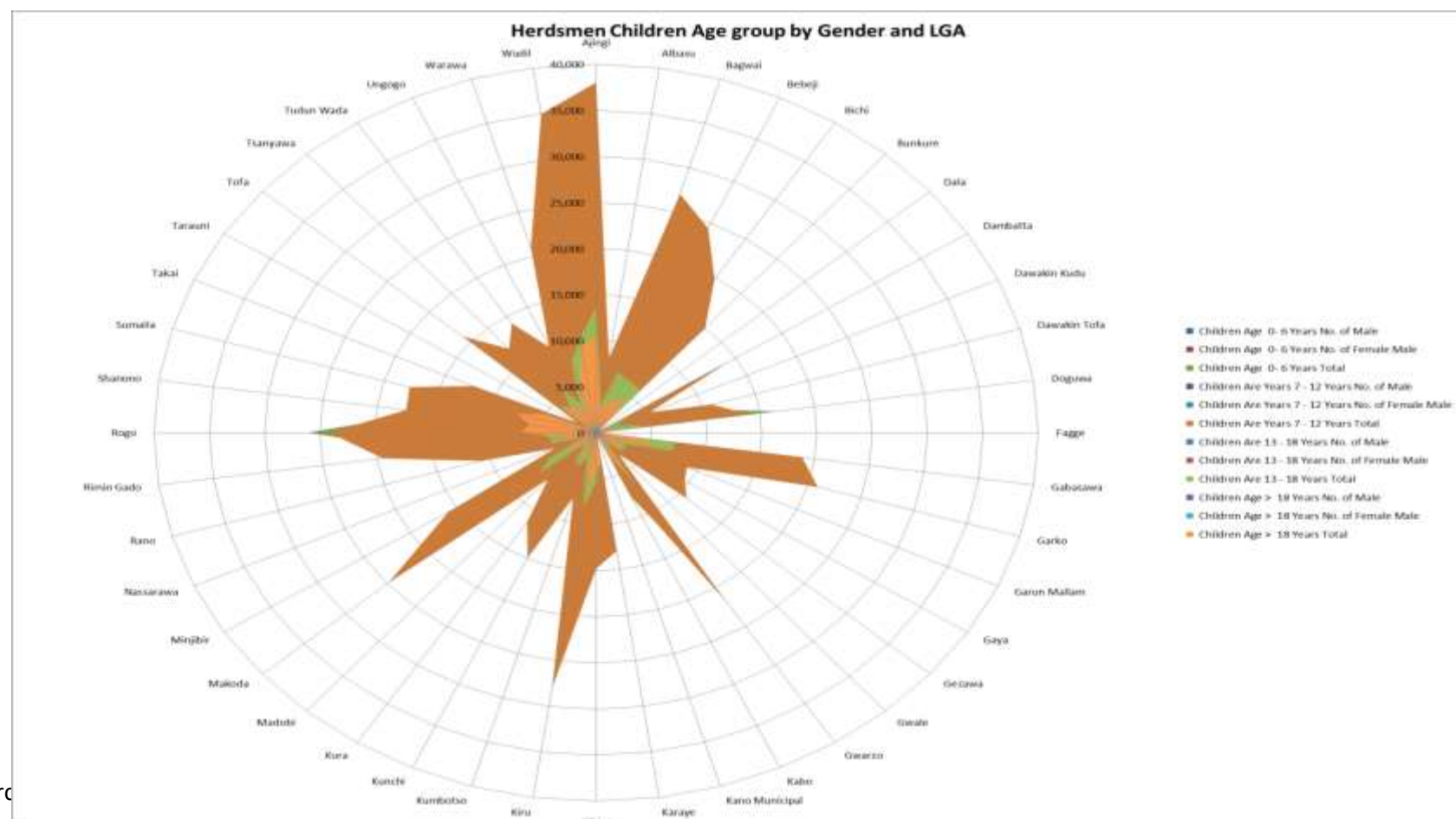


TABLE 3 : HERDSMEN CHILDREN AGE GROUP AND GENDER													Total
LGA Name	Children Age 0- 6 Years			Children Are Years 7 - 12 Years			Children Are 13 - 18 Years			Children Age > 18 Years			
	No. of Male	No. of Female Male	Total	No. of Male	No. of Female Male	Total	No. of Male	No. of Female Male	Total	No. of Male	No. of Female Male	Total	
Ajingi	14,217	14,754	28,971	16,217	21,794	38,011	7,989	5,697	13,686	5,246	5,097	10,343	91,011
Albasu	3,429	3,029	6,457	3,583	4,571	8,154	1,686	1,286	2,971	1,137	1,166	2,303	19,886
Bagwai	8,137	9,897	18,034	11,983	15,023	27,006	4,526	2,400	6,926	2,017	1,663	3,680	55,646
Bebeji	8,051	9,091	17,143	10,606	13,794	24,400	3,977	2,469	6,446	1,966	1,606	3,571	51,560
Bichi	8,531	7,674	16,206	9,126	10,703	19,829	4,514	1,851	6,366	2,543	2,006	4,549	46,949
Bunkure	4,851	5,114	9,966	6,326	8,760	15,086	3,703	2,349	6,051	1,651	1,326	2,977	34,080
Dala	17	17	34	29	6	34	11	6	17	6	6	11	97
Dambatta	5,017	6,469	11,486	6,971	7,280	14,251	2,509	1,434	3,943	1,131	800	1,931	31,611
D/ Kudu	1,634	1,834	3,469	2,343	2,983	5,326	1,280	760	2,040	543	486	1,029	11,863
D/ Tofa	4,314	4,749	9,063	4,937	5,931	10,869	1,937	1,086	3,023	1,051	697	1,749	24,703
Doguwa	6,029	10,394	16,423	6,669	7,440	14,109	3,006	1,651	4,657	1,223	857	2,080	37,269
Fagge	34	34	69	86	57	143	29	11	40	6	11	17	269
Gabasa wa	7,269	6,811	14,080	8,200	10,646	18,846	4,669	2,560	7,229	1,903	2,103	4,006	44,160
Garko	8,611	8,903	17,514	9,137	11,783	20,920	4,771	2,389	7,160	3,303	2,366	5,669	51,263
G/Mallam	2,509	2,994	5,503	3,600	5,411	9,011	2,086	886	2,971	1,057	720	1,777	19,263
Gaya	3,091	2,954	6,046	3,640	5,903	9,543	2,171	943	3,114	1,411	1,211	2,623	21,326
Gezawa	3,594	3,880	7,474	4,697	6,131	10,829	1,697	1,349	3,046	1,349	1,531	2,880	24,229

Gwale	1,640	1,406	3,046	1,617	1,240	2,857	629	800	1,429	234	400	634	7,966
Gwarzo	8,949	8,806	17,754	9,526	12,297	21,823	4,434	2,640	7,074	3,029	2,994	6,023	52,674
Kabo	4,000	3,731	7,731	3,497	3,606	7,103	1,251	1,069	2,320	1,194	1,726	2,920	20,074
K/ Municipal	46	40	86	57	103	160	11	11	23	6	0	6	274
Karaye	6,737	6,446	13,183	6,469	6,497	12,966	1,634	1,183	2,817	1,503	1,737	3,240	32,206
Kibiya	5,789	5,829	11,617	7,006	7,777	14,783	3,120	2,269	5,389	1,903	1,954	3,857	35,646
Kiru	10,149	10,960	21,109	12,091	15,886	27,977	5,731	2,674	8,406	3,634	3,011	6,646	64,137
Kumbotso	2,977	3,234	6,211	3,800	3,549	7,349	1,429	1,469	2,897	600	577	1,177	17,634
Kunchi	6,783	6,017	12,800	7,069	7,840	14,909	2,691	1,377	4,069	2,280	1,989	4,269	36,046
Kura	3,623	4,434	8,057	5,263	6,286	11,549	2,114	1,280	3,394	1,051	863	1,914	24,914
Madobi	2,211	2,869	5,080	3,103	3,549	6,651	1,029	600	1,629	606	343	949	14,309
Makoda	8,537	10,126	18,663	11,080	13,754	24,834	4,520	2,354	6,874	1,577	1,074	2,651	53,023
Minjibir	5,874	6,537	12,411	7,166	8,731	15,897	2,851	2,126	4,977	1,886	1,720	3,606	36,891
Nassara wa	1,263	1,503	2,766	1,863	2,211	4,074	869	537	1,406	509	457	966	9,211
Rano	3,640	4,457	8,097	4,657	6,229	10,886	3,069	1,211	4,280	1,629	1,229	2,857	26,120
Rimin Gado	6,903	7,726	14,629	8,629	10,880	19,509	2,663	1,417	4,080	1,560	1,337	2,897	41,114
Rogo	12,909	13,234	26,143	11,166	12,971	24,137	3,423	2,057	5,480	3,114	3,691	6,806	62,566
Shanon o	7,983	7,423	15,406	8,314	9,063	17,377	3,714	2,074	5,789	3,126	3,006	6,131	44,703
Sumaila	9,217	7,983	17,200	8,120	9,480	17,600	2,926	2,600	5,526	3,434	4,114	7,549	47,874
Takai	5,211	4,509	9,720	5,474	6,731	12,206	2,623	2,034	4,657	2,446	2,269	4,714	31,297
Tarauni	749	697	1,446	789	1,131	1,920	606	303	909	320	257	577	4,851
Tofa	5,023	6,743	11,766	6,326	9,634	15,960	1,931	2,560	4,491	1,954	1,794	3,749	35,966
Tsanya wa	5,469	5,577	11,046	5,897	6,143	12,040	2,171	1,314	3,486	1,880	1,634	3,514	30,086

Tudun Wada	5,754	4,954	10,709	5,931	8,171	14,103	3,240	2,486	5,726	1,731	1,480	3,211	33,749
Ungogo	4,057	5,120	9,177	5,086	5,137	10,223	2,080	1,366	3,446	1,371	909	2,280	25,126
Warawa	9,400	9,286	18,686	10,817	10,137	20,954	4,531	3,446	7,977	2,434	2,691	5,126	52,743
Wudil	12,920	14,189	27,109	15,754	19,211	34,966	5,903	4,440	10,343	4,943	4,611	9,554	81,971
Total	247,149	262,434	509,583	284,714	346,463	631,177	121,754	76,823	198,577	77,497	71,520	149,017	1,488,354

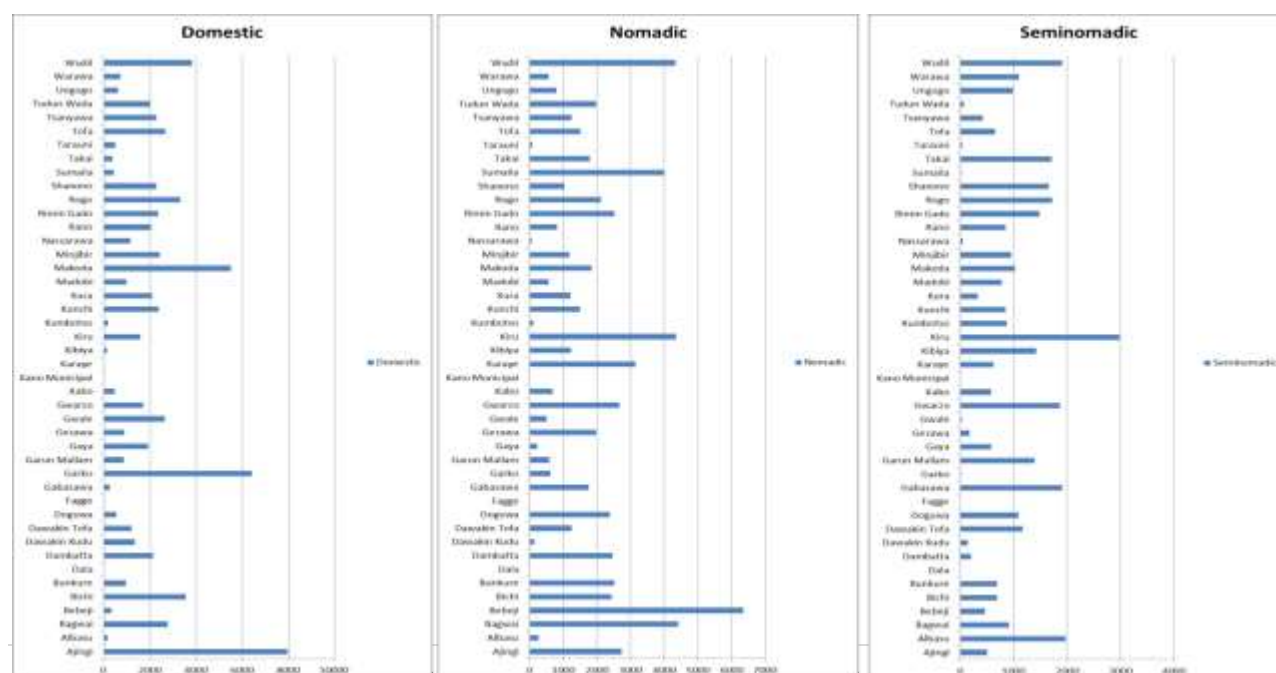
Source: SBS Kano



Source

TABLE 4:- HERDSMEN HOUSEHOLD HEAD CATEGORY TYPE BY LGA				
Household Response of Fulani Classification by LGA				
LGA	Domestic	Nomadic	Semi nomadic	Total
Ajingi	7980	2732	508	11220
Albasu	176	276	1976	2428
Bagwai	2776	4424	912	8112
Bebeji	332	6356	472	7160
Bichi	3552	2440	692	6684
Bunkure	972	2520	696	4188
Dala	0	12	0	12
Dambatta	2152	2472	204	4828
Dawakin Kudu	1344	144	148	1636
Dawakin Tofa	1200	1252	1176	3628
Doguwa	544	2396	1096	4036
Fagge	12	20	0	32
Gabasawa	260	1760	1916	3936
Garko	6424	632	20	7076
Garun Mallam	872	596	1388	2856
Gaya	1928	232	584	2744
Gezawa	892	1980	172	3044
Gwale	2652	516	32	3200
Gwarzo	1716	2672	1872	6260
Kabo	484	684	584	1752
Kano Municipal	32	8	0	40
Karaye	28	3152	620	3800
Kibiya	148	1240	1420	2808
Kiru	1576	4352	2988	8916
Kumbotso	192	120	876	1188
Kunchi	2372	1492	852	4716
Kura	2104	1224	332	3660
Madobi	984	568	784	2336
Makoda	5516	1848	1032	8396
Minjibir	2432	1188	952	4572
Nassarawa	1164	68	52	1284
Rano	2044	816	852	3712
Rimin Gado	2348	2516	1484	6348
Rogo	3316	2120	1728	7164
Shanono	2284	1044	1664	4992
Sumaila	431	4001	24	4456
Takai	372	1804	1712	3888
Tarauni	508	88	40	636

Source: SBS Kano

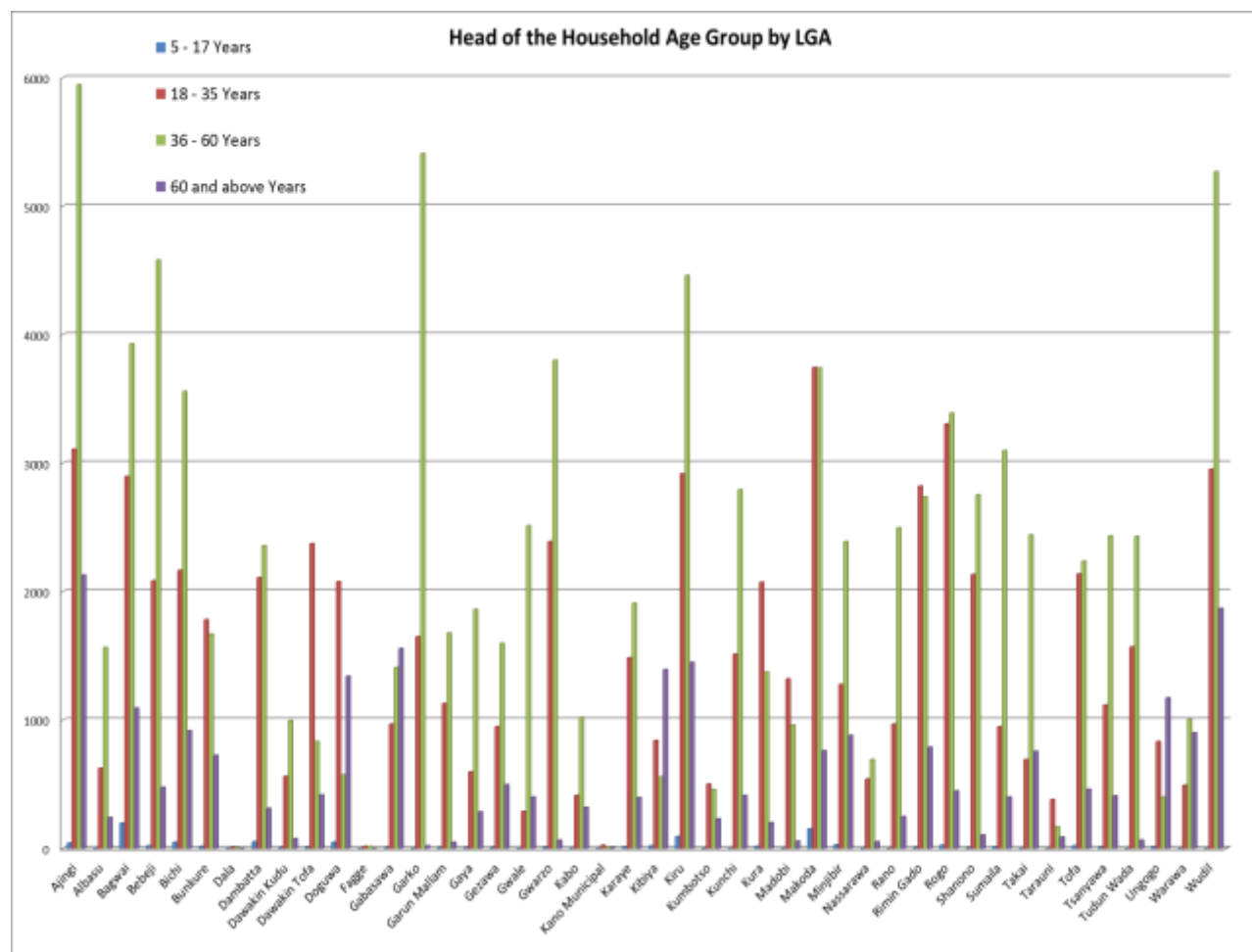


Source: - Kano State Bureau of Statistics, August 2021 Herdsmen Household Headcount Survey

TABLE 5: HEAD OF THE HOUSEHOLD AGE GROUP BY LGA				
LGA Name	5 - 17 Years	18 - 35 Years	36 - 60 Years	60 and above Years
Ajingi	40	3108	5944	2128
Albasu	0	624	1564	240
Bagwai	196	2896	3928	1092
Bebeji	20	2084	4580	476
Bichi	48	2164	3556	916
Bunkure	16	1780	1668	724
Dala	0	8	4	0
Dambatta	52	2108	2356	312
Dawakin Kudu	4	560	996	76
Dawakin Tofa	8	2372	832	416
Doguwa	48	2076	572	1340
Fagge	0	16	16	0
Gabasawa	4	968	1408	1556
Garko	0	1648	5408	20
Garun Mallam	4	1128	1676	48
Gaya	4	596	1860	284
Gezawa	4	948	1596	496
Gwale	0	288	2512	400
Gwarzo	8	2388	3800	64
Kabo	0	412	1020	320
Kano Municipal	0	24	12	4
Karaye	12	1484	1908	396
Kibiya	20	840	556	1392
Kiru	92	2916	4460	1448
Kumbotso	0	500	458	230
Kunchi	0	1512	2792	412
Kura	16	2072	1372	200
Madobi	0	1320	960	56
Makoda	152	3744	3740	760
Minjibir	28	1276	2388	880
Nassarawa	0	540	692	52
Rano	0	968	2496	248
Rimin Gado	4	2820	2736	788
Rogo	24	3304	3388	448
Shanono	4	2132	2752	104
Sumaila	12	948	3096	400
Takai	0	692	2440	756
Tarauni	0	380	168	88
Tofa	20	2136	2236	460

Tsanyawa	8	1116	2432	408
Tudun Wada	0	1568	2428	64
Ungogo	12	832	400	1172
Warawa	0	492	1004	900
Wudil	0	2952	5268	1868
Total	860	64,740	95,478	24,442

Source: SBS Kano



CHAPTER 3: - EDUCATION

NARRATIONS

The findings responses indicated that herdsmen household population has a low level of education with 2.68% of the herdsmen household heads having attended primary only, 2.07% were able to attained to secondary school certificate with vast majority of 94.71% having no educational qualifications, however, there existed other formal education (Islammiyya) but integrated one within the herdsmen communities where 91% are attending one or more form of formal education.

Proximity and Access to educational facility in the herdsmen communities has not been an essay issue, having the majority to travel between (2 to 5)km to attend an educational facility.

Considering the fact that 51% of (0-6) years and more than 55% of (7-12) years school age bracket are Female, hence the need to investment fully to educate herders community.

Education is critical to sustained development. Illiteracy is a limiting factor to development. Consequently, this led to the present government commitment to **free and compulsory basic education for all school age in Kano State**. In the same vein Nomadic Education was introduced in order to increase and intensify coverage of population by enrolment has led to the creation of Nomadic Schools in the Nomadic communities with poor Infrastructures, this need to be review to include the realities at ground.

OBSERVATIONS

Table 6 report indicated that majority of herdsmen household are engaged in one form of formal education or another, precisely 91.16%. However, responses on table 7 on the herdsmen household level of education over 94% have no certificate of western education.

The number of school age bearing children (0-6) and (7-12) years, precisely 51% and 55% respectively of herdsmen school age population are female.

The distance to schools is one kilometer or less, two to five kilometers and five kilometers and above, the majority 44% of school age children who are female have to travel up to five kilometers to attend school.

TABLE 6: HOUSEHOLD HEADS EDUCATIONAL STATUS BY LGA

LGA Name	Form of education received?		
	Formal	Informal	None
Ajingi	2,515	1,160	7,545
Albasu	586	86	1,757
Bagwai	1,987	166	5,960
Bebeji	1,781	34	5,344
Bichi	1,592	314	4,777
Bunkure	803	977	2,408
Dala	3	0	9
Dambatta	1,177	120	3,531
Dawakin Kudu	405	17	1,214
Dawakin Tofa	834	291	2,502
Doguwa	479	2,120	1,437
Fagge	5	11	15
Gabasawa	483	2,006	1,448
Garko	1,675	377	5,024
Garun Mallam	665	194	1,996
Gaya	663	91	1,989
Gezawa	737	97	2,210
Gwale	563	949	1,689
Gwarzo	1,394	686	4,181
Kabo	411	109	1,233
Kano Municipal	10	0	30
Karaye	941	34	2,824
Kibiya	73	2,514	220
Kiru	2,196	131	6,588
Kumbotso	188	604	396
Kunchi	1,155	97	3,464
Kura	901	57	2,702
Madobi	538	183	1,615
Makoda	2,059	160	6,177
Minjibir	892	1,006	2,675
Nassarawa	320	6	959
Rano	912	63	2,737
Rimin Gado	1,431	623	4,294
Rogo	1,745	183	5,236
Shanono	1,049	794	3,148
Sumaila	1,113	6	3,338
Takai	901	286	2,702

Tarauni	156	11	468
Tofa	1,117	383	3,352
Tsanyawa	901	360	2,703
Tudun Wada	1,008	29	3,024
Ungogo	258	1,383	775
Warawa	296	1,193	907
Wudil	2,381	566	7,142
Total Household Responses	41,298	20,477	123,745

Source: SBS Kano

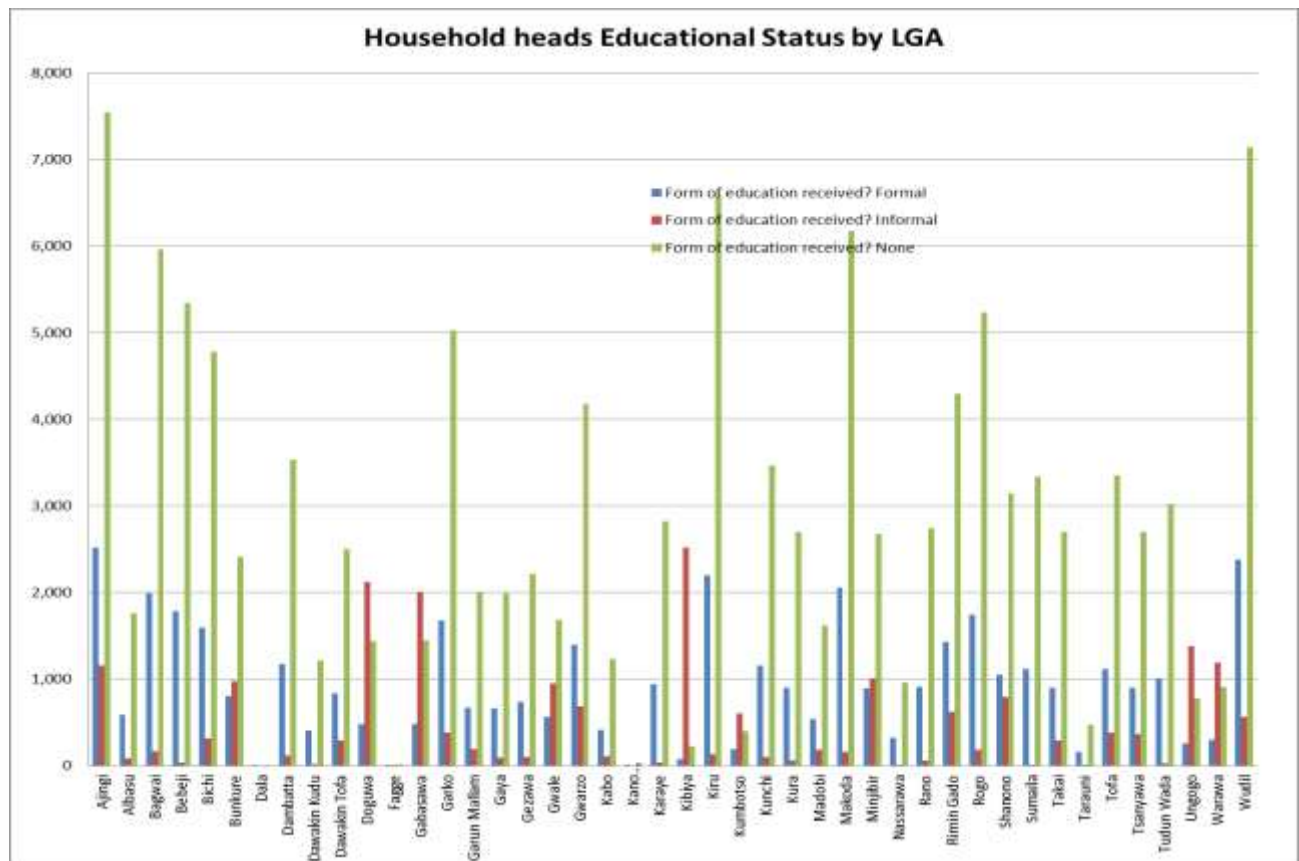


TABLE 7: HOUSEHOLD HEAD (RESPONDENT'S) LEVEL OF EDUCATIONAL BY LGA

LGA Name	Primary Sch. Certificate	Secondary Sch. Certificate	ND / NCE Certificate	HND / BSc Certificate	MSc Certificate	PhD Certificate	No Certificate	Total
Ajingi	91	17	34	11	6	0	11,060	11,220
Albasu	69	6	6	0	0	6	2,342	2,428
Bagwai	349	331	34	0	0	0	7,398	8,112
Bebeji	194	46	0	6	0	0	6,914	7,160
Bichi	154	91	23	6	0	0	6,410	6,684
Bunkure	120	69	6	0	0	0	3,994	4,188
Dala	0	0	0	0	0	0	12	12
Dambatta	160	206	40	6	0	0	4,417	4,828
Dawakin Kudu	349	0	0	0	0	0	1,287	1,636
Dawakin Tofa	91	520	63	23	0	0	2,931	3,628
Doguwa	6	160	51	11	0	0	3,807	4,036
Fagge	0	11	0	0	0	0	21	32
Gabasawa	57	17	0	0	0	0	3,862	3,936
Garko	69	6	0	6	0	0	6,996	7,076
Garun Mallam	137	51	34	6	0	0	2,627	2,856
Gaya	97	120	0	0	0	0	2,527	2,744
Gezawa	34	74	0	0	0	0	2,935	3,044
Gwale	0	0	0	0	0	0	3,200	3,200
Gwarzo	314	274	154	11	11	0	5,494	6,260
Kabo	0	0	0	0	0	0	1,752	1,752
Kano Municipal	0	0	0	0	0	0	40	40
Karaye	86	23	0	0	0	0	3,691	3,800
Kibiya	57	29	0	0	0	0	2,722	2,808
Kiru	29	0	0	0	0	0	8,887	8,916
Kumbotso	0	0	0	0	0	0	1,188	1,188
Kunchi	97	131	46	6	0	0	4,436	4,716
Kura	143	46	0	0	0	0	3,471	3,660
Madobi	6	0	0	0	0	0	2,330	2,336
Makoda	446	280	46	6	6	0	7,613	8,396
Minjibir	86	97	17	6	0	0	4,366	4,572
Nassarawa	0	0	0	0	0	0	1,284	1,284
Rano	114	120	97	29	0	0	3,352	3,712
Rimin Gado	566	269	23	6	0	0	5,485	6,348

Rogo	109	69	11	11	0	0	6,964	7,164
Shanono	194	29	0	0	0	0	4,769	4,992
Sumaila	40	11	0	0	0	0	4,405	4,456
Takai	126	11	0	0	0	0	3,751	3,888
Tarauni	0	0	6	0	0	0	630	636
Tofa	17	0	0	0	0	0	4,835	4,852
Tsanyawa	257	137	40	6	6	0	3,518	3,964
Tudun Wada	0	0	0	0	0	0	4,060	4,060
Ungogo	0	6	0	0	0	0	2,410	2,416
Warawa	0	0	0	0	0	0	2,396	2,396
Wudil	303	589	69	17	6	0	9,105	10,088
Total	4,966	3,846	800	171	34	6	175,697	185,520

Source: SBS Kano

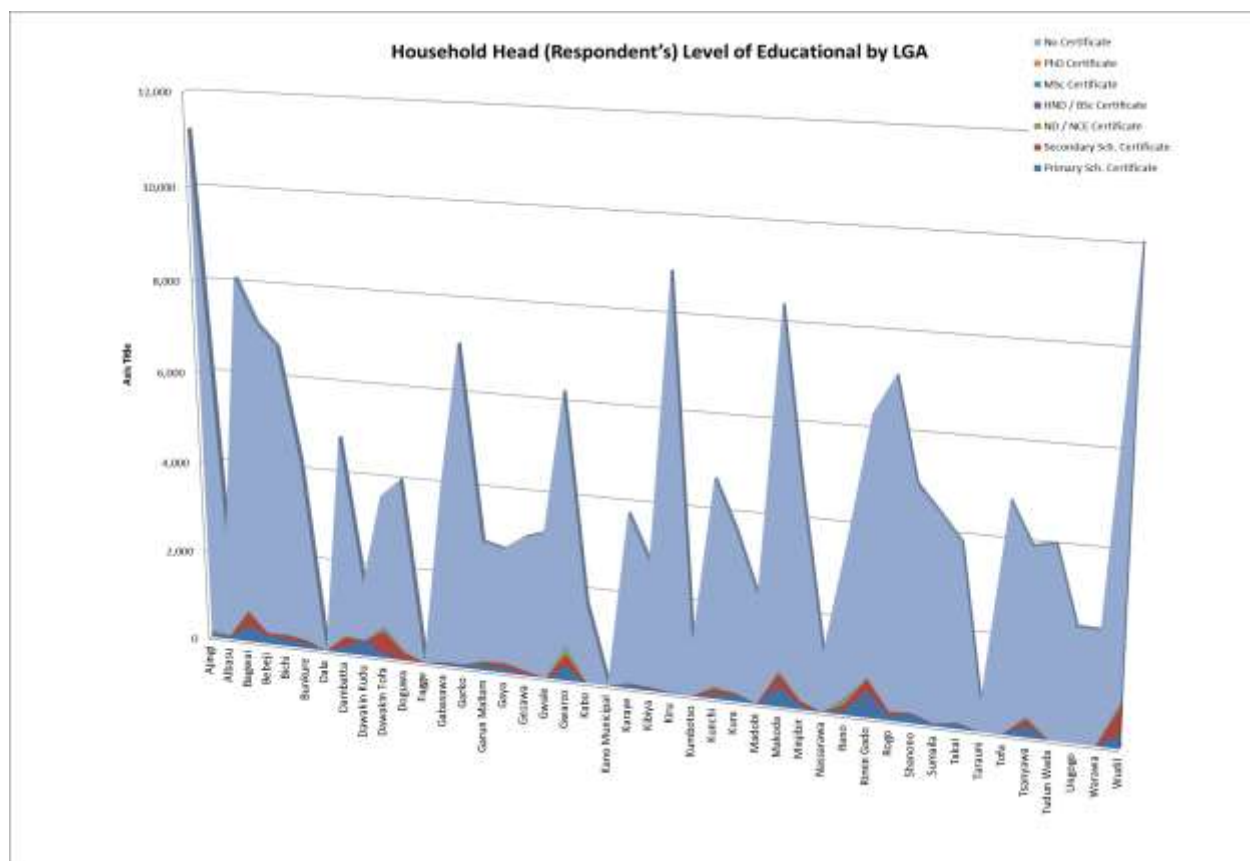


TABLE 8: PROXIMITY AND ACCESS TO EDUCATIONAL FACILITIES BY LGA.

LGAName	<= 1 Km	2- 5 Km	6 - 9 Km	>= 10 Km
Ajingi	1208	3298	2402	4312
Albasu	596	548	144	1140
Bagwai	2244	1184	648	4036
Bebeji	3044	372	356	3388
Bichi	1036	216	1176	4256
Bunkure	840	560	1184	1604
Dala	8	0	4	0
Dambatta	2388	884	316	1240
Dawakin Kudu	488	236	312	600
Dawakin Tofa	996	260	964	1408
Doguwa	500	596	788	2152
Fagge	8	0	0	24
Gabasawa	1328	456	136	2016
Garko	2980	552	504	3040
Garun Mallam	988	216	388	1264
Gaya	1500	72	28	1144
Gezawa	1788	72	260	924
Gwale	3148	0	36	16
Gwarzo	562	2002	928	2768
Kabo	296	424	72	960
Kano Municipal	8	4	8	20
Karaye	164	1324	340	1972
Kibiya	1008	452	132	1216
Kiru	2504	2104	992	3316
Kumbotso	484	296	72	336
Kunchi	1600	404	316	2396
Kura	896	272	904	1588
Madobi	1180	116	324	716
Makoda	168	5504	204	2520
Minjibir	1960	584	120	1908
Nassarawa	1092	12	152	28
Rano	1364	300	280	1768
Rimin Gado	2876	256	972	2244
Rogo	2332	1572	480	2780
Shanono	644	184	988	3176
Sumaila	188	332	476	3460
Takai	1312	296	548	1732
Tarauni	168	40	224	204

Tofa	1452	140	888	2372
Tsanyawa	1060	1128	692	1084
Tudun Wada	187	316	1056	2501
Ungogo	1880	24	160	352
Warawa	452	8	148	1788
Wudil	4036	804	608	4640
Total	54,961	28,420	21,730	80,409

Source: SBS Kano

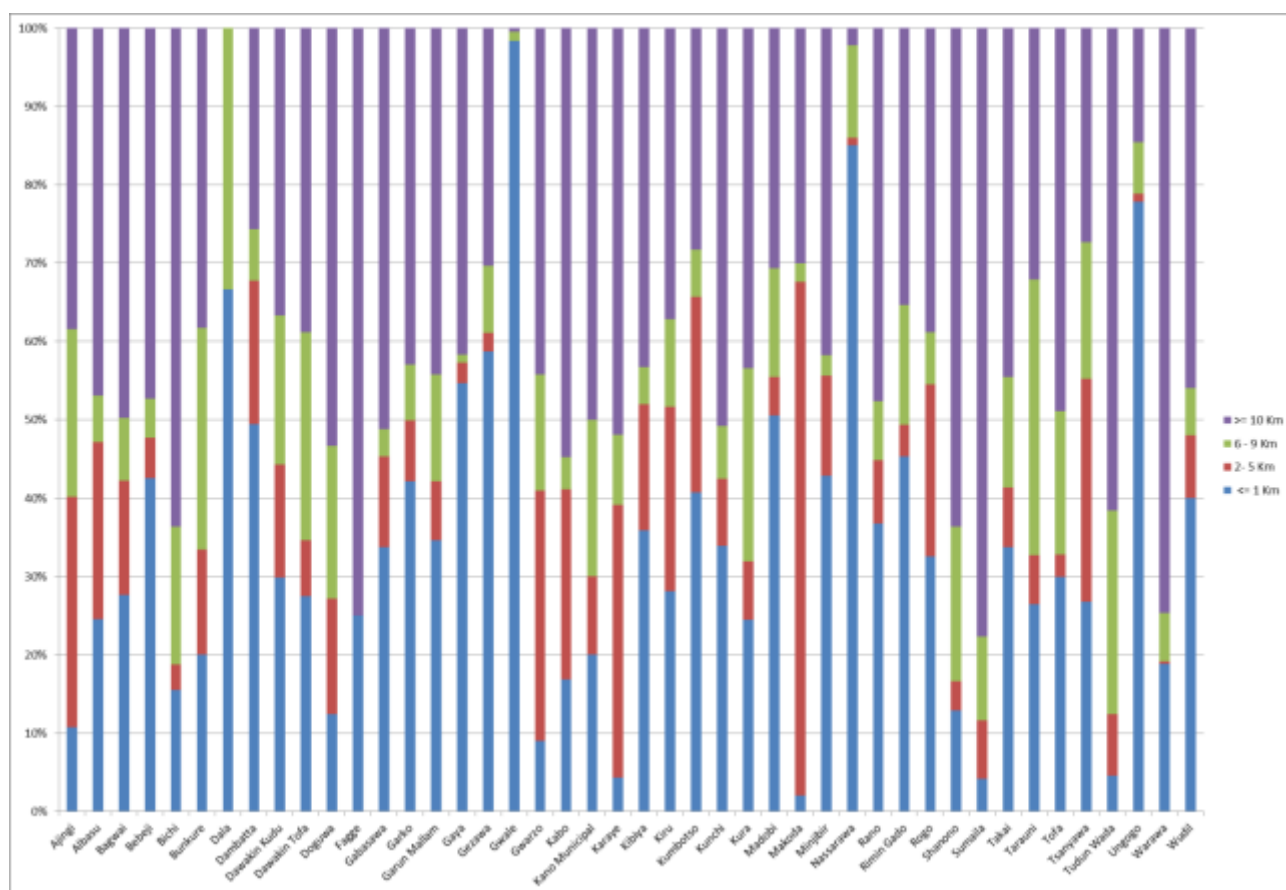
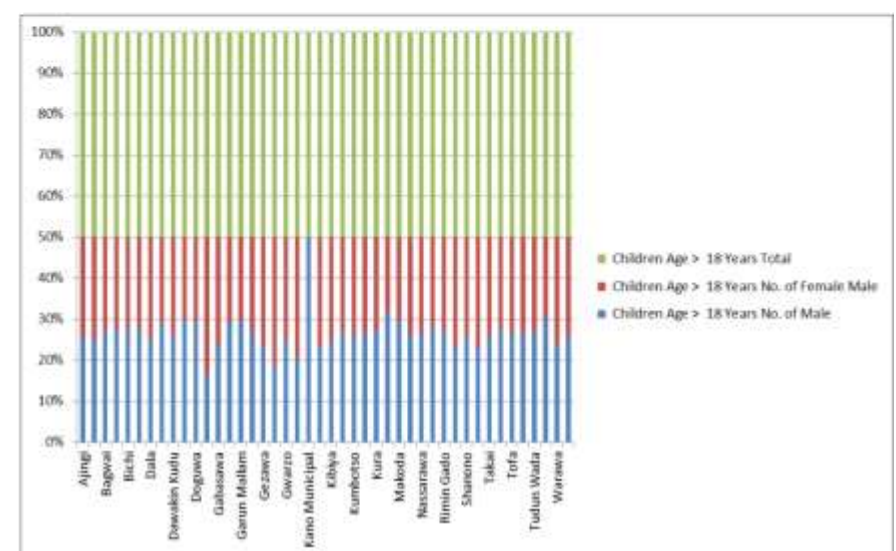
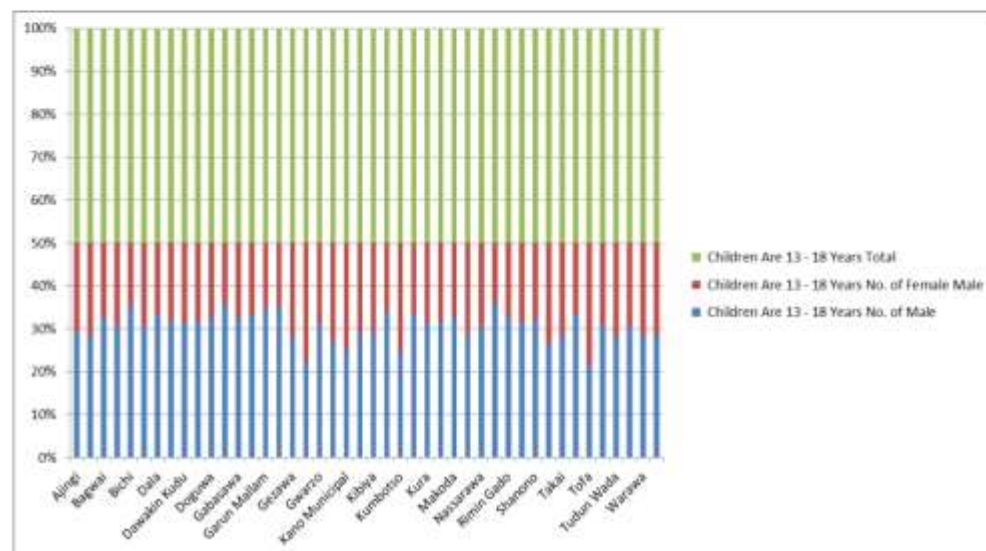
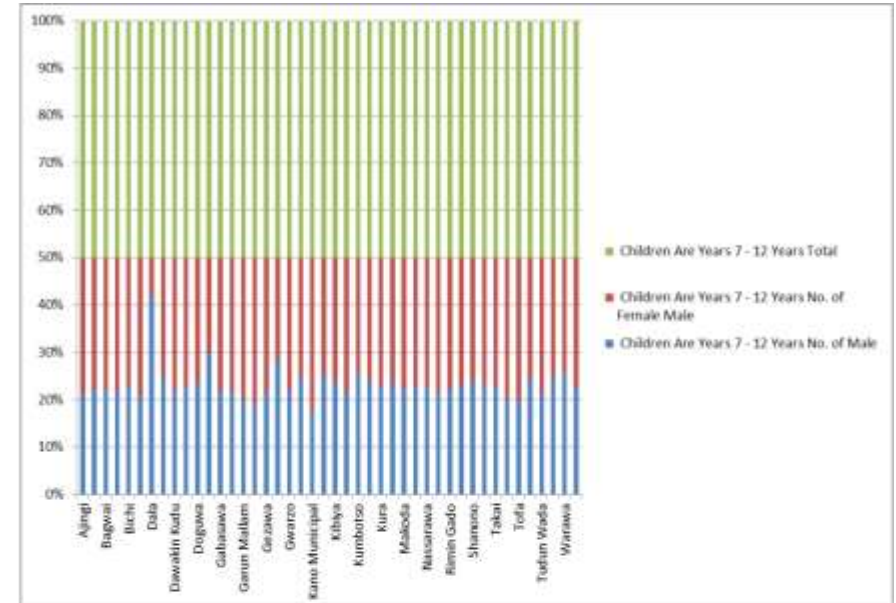
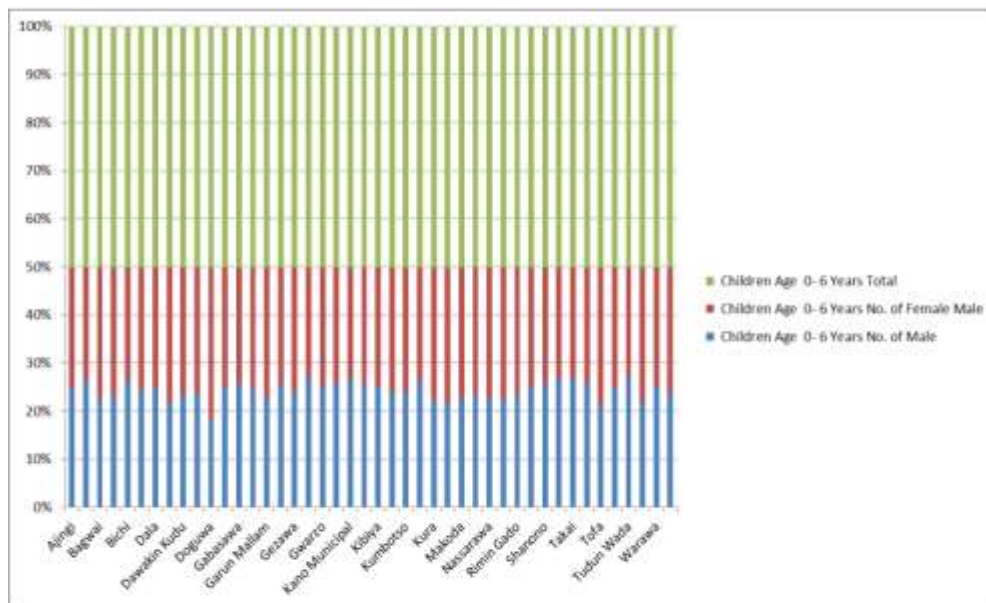


TABLE 9 : HOUSEHOLD MEMBERS SCHOOL AGE BEARING BY LGA.													Total
LGA Name	Children Age 0- 6 Years			Children Are Years 7 - 12 Years			Children Are 13 - 18 Years			Children Age > 18 Years			
	No. of Male	No. of Female Male	Total	No. of Male	No. of Fem ale Male	Total	No. of Male	No. of Fem ale Male	Total	No. of Male	No. of Fem ale Male	Total	
Ajingi	14,217	14,754	28,971	16,217	21,794	38,011	7,989	5,697	13,686	5,246	5,097	10,343	91,011
Albasu	3,429	3,029	6,457	3,583	4,571	8,154	1,686	1,286	2,971	1,137	1,166	2,303	19,886
Bagwai	8,137	9,897	18,034	11,983	15,023	27,006	4,526	2,400	6,926	2,017	1,663	3,680	55,646
Bebeji	8,051	9,091	17,143	10,606	13,794	24,400	3,977	2,469	6,446	1,966	1,606	3,571	51,560
Bichi	8,531	7,674	16,206	9,126	10,703	19,829	4,514	1,851	6,366	2,543	2,006	4,549	46,949
Bunkure	4,851	5,114	9,966	6,326	8,760	15,086	3,703	2,349	6,051	1,651	1,326	2,977	34,080
Dala	17	17	34	29	6	34	11	6	17	6	6	11	97
Dambatta	5,017	6,469	11,486	6,971	7,280	14,251	2,509	1,434	3,943	1,131	800	1,931	31,611
Dawakin Kudu	1,634	1,834	3,469	2,343	2,983	5,326	1,280	760	2,040	543	486	1,029	11,863
Dawakin Tofa	4,314	4,749	9,063	4,937	5,931	10,869	1,937	1,086	3,023	1,051	697	1,749	24,703
Doguwa	6,029	10,394	16,423	6,669	7,440	14,109	3,006	1,651	4,657	1,223	857	2,080	37,269
Fagge	34	34	69	86	57	143	29	11	40	6	11	17	269
Gabasawa	7,269	6,811	14,080	8,200	10,646	18,846	4,669	2,560	7,229	1,903	2,103	4,006	44,160
Garko	8,611	8,903	17,514	9,137	11,78	20,920	4,771	2,389	7,160	3,303	2,366	5,669	51,263

					3								
Garun Mallam	2,509	2,994	5,503	3,600	5,411	9,011	2,086	886	2,971	1,057	720	1,777	19,263
Gaya	3,091	2,954	6,046	3,640	5,903	9,543	2,171	943	3,114	1,411	1,211	2,623	21,326
Gezawa	3,594	3,880	7,474	4,697	6,131	10,829	1,697	1,349	3,046	1,349	1,531	2,880	24,229
Gwale	1,640	1,406	3,046	1,617	1,240	2,857	629	800	1,429	234	400	634	7,966
Gwarzo	8,949	8,806	17,754	9,526	12,297	21,823	4,434	2,640	7,074	3,029	2,994	6,023	52,674
Kabo	4,000	3,731	7,731	3,497	3,606	7,103	1,251	1,069	2,320	1,194	1,726	2,920	20,074
Kano Municipal	46	40	86	57	103	160	11	11	23	6	0	6	274
Karaye	6,737	6,446	13,183	6,469	6,497	12,966	1,634	1,183	2,817	1,503	1,737	3,240	32,206
Kibiya	5,789	5,829	11,617	7,006	7,777	14,783	3,120	2,269	5,389	1,903	1,954	3,857	35,646
Kiru	10,149	10,960	21,109	12,091	15,886	27,977	5,731	2,674	8,406	3,634	3,011	6,646	64,137
Kumbotso	2,977	3,234	6,211	3,800	3,549	7,349	1,429	1,469	2,897	600	577	1,177	17,634
Kunchi	6,783	6,017	12,800	7,069	7,840	14,909	2,691	1,377	4,069	2,280	1,989	4,269	36,046
Kura	3,623	4,434	8,057	5,263	6,286	11,549	2,114	1,280	3,394	1,051	863	1,914	24,914
Madobi	2,211	2,869	5,080	3,103	3,549	6,651	1,029	600	1,629	606	343	949	14,309
Makoda	8,537	10,126	18,663	11,080	13,754	24,834	4,520	2,354	6,874	1,577	1,074	2,651	53,023
Minjibir	5,874	6,537	12,411	7,166	8,731	15,897	2,851	2,126	4,977	1,886	1,720	3,606	36,891
Nassarawa	1,263	1,503	2,766	1,863	2,211	4,074	869	537	1,406	509	457	966	9,211
Rano	3,640	4,457	8,097	4,657	6,229	10,886	3,069	1,211	4,280	1,629	1,229	2,857	26,120
Rimin Gado	6,903	7,726	14,629	8,629	10,880	19,509	2,663	1,417	4,080	1,560	1,337	2,897	41,114
Rogo	12,909	13,234	26,143	11,166	12,971	24,137	3,423	2,057	5,480	3,114	3,691	6,806	62,566
Shanono	7,983	7,423	15,406	8,314	9,063	17,377	3,714	2,074	5,789	3,126	3,006	6,131	44,703
Sumaila	9,217	7,983	17,200	8,120	9,480	17,600	2,926	2,600	5,526	3,434	4,114	7,549	47,874

Takai	5,211	4,509	9,720	5,474	6,731	12,206	2,623	2,034	4,657	2,446	2,269	4,714	31,297
Tarauni	749	697	1,446	789	1,131	1,920	606	303	909	320	257	577	4,851
Tofa	5,023	6,743	11,766	6,326	9,634	15,960	1,931	2,560	4,491	1,954	1,794	3,749	35,966
Tsanyawa	5,469	5,577	11,046	5,897	6,143	12,040	2,171	1,314	3,486	1,880	1,634	3,514	30,086
Tudun Wada	5,754	4,954	10,709	5,931	8,171	14,103	3,240	2,486	5,726	1,731	1,480	3,211	33,749
Ungogo	4,057	5,120	9,177	5,086	5,137	10,223	2,080	1,366	3,446	1,371	909	2,280	25,126
Warawa	9,400	9,286	18,686	10,817	10,137	20,954	4,531	3,446	7,977	2,434	2,691	5,126	52,743
Wudil	12,920	14,189	27,109	15,754	19,211	34,966	5,903	4,440	10,343	4,943	4,611	9,554	81,971
Total	247,149	262,434	509,583	284,714	346,463	631,177	121,754	76,823	198,577	77,497	71,520	149,017	1,488,354

Source: SBS, Kano



RECOMMENDATIONS

1. Government should establish schools in a cluster of Herdsmen Households.
2. Government should intervene to make learning and teaching /learning materials and curriculum herdsmen children friendly.
3. Recruit qualified Fulfulde teachers and provide regular trainings.
4. Government should as a matter of urgency put in place an effective process of feedbacks mechanism from service users, through monitoring programs.
5. Government should consider gender sensitivity in establishing the schools by providing a friendly learning environment and ensure attendance, completion and transition to further education.

Conclusions

Considering the youthfulness of herdsmen population 53% out of 72% and the fact that education is force to self and economic development, a strategized plan to educate herdsmen children will go a long way in emancipating the herdsmen from wondering and hardship.

Having education as a critical objective of Dr. Abdullahi Umar Ganduje's Government, which occupied more than 25% of the Kano State Budget of both 2020, 2021 and the proposed 2022 Kano will be a head way to development in economic and peaceful co-existence not for Herdsmen communities only but to the society in general and pace setter.

CHAPTER 4 AGRICULTURE

NARRATIONS

The responses of Households on livestock distribution categorized by LGA indicated in an order from “Cow”, “Sheep”, “Goats”, “Donkey” and “Camel” as 58.8%, 23.8%, 17.3%, 0.1% and 0.05% respectively.

The pattern of herdsmen livestock management during migration are “**Intensive**”, “**Semi intensive**” and “**Extensive**” exist in the following order of percentage responses by **11.0%**, **11.0%** and **78.0% respectively**.

Pastoral database of the exercise are practically categorized in to 3; namely **Pastoring for “Commercial”**, “**Private**” and for “**Both**” Purposes. Wide margin between those practicing “both” is a clear meaning of practicing the “Both” commercial and private at a time. See percentage in order of “Commercial”, “Private” and “Both” as **8.0%**, **4.7%** and **87.4%** respectively.

Herdsmen responded positively to the new Government Grazing land scheme from the questionnaire. However, majority have a fear of **inadequate feeding, insufficient water, control of insects / pest and possible break of law and order** as a result of settling in **one place**.

OBSERVATIONS

Herdsmen over long period of time lost their allocated grazing land resources (Burtali) this rendered herders helpless with regards to animal management and hence, they results in migration looking for greener features. Insects are another mitigating factor that affects the animal’s survival and hence triggers a compulsory long term herder’s migration.

TABLE 10: HERDSMEN LIVESTOCK DISTRIBUTION BY LGA.

LGA Name	No of Cows	No of Sheep	No of Goats	No of Donkeys	No of Camels	Total No of Livestock
Ajingi	684,457	353,771	165,269	257	206	1,203,960
Bagwai	387,977	251,091	166,857	1,617	257	807,800
Bebeji	265,503	67,857	25,297	11	0	358,669
Bichi	370,874	243,589	132,697	709	777	748,646
Bunkure	192,949	92,017	47,783	40	0	332,789
Dala	600	0	514	0	0	1,114
Dambatta	146,017	38,526	50,874	343	17	235,777
D/Kudu	631,040	14,206	25,983	0	0	671,229
D/ Tofa	107,160	33,909	17,331	0	114	158,514
Doguwa	159,657	66,817	33,669	114	0	260,257
Fagge	291	0	0	0	0	291
Gabasawa	196,137	172,371	45,046	149	131	413,834
Garko	85,194	34,800	45,337	74	234	165,640
G/Mallam	122,714	45,743	51,103	0	57	219,617
Gaya	139,457	57,411	49,543	137	503	247,051
Gezawa	147,829	57,309	30,766	0	0	235,903
Gwale	800	520	206	0	0	1,526
Gwarzo	407,006	218,954	115,280	320	360	741,920
Kabo	82,274	42,114	44,371	1,126	86	169,971
K/ Municipal	3,914	4,120	2,611	0	17	10,663
Karaye	178,560	43,903	69,823	6	246	292,537
Kibiya	111,371	26,440	29,469	63	0	167,343
Kiru	492,886	121,354	118,989	160	154	733,543
Kumbotso	32,840	6,434	3,823	0	0	43,097
Kunchi	141,971	97,137	98,257	1,023	354	338,743
Kura	324,429	19,349	15,166	286	0	359,229
Madobi	97,760	33,006	19,869	91	0	150,726
Makoda	98,811	76,857	40,583	326	366	216,943
Minjibir	192,166	42,669	41,234	23	0	276,091
Nassarawa	45,766	18,766	11,023	23	0	75,577
Rano	150,737	65,903	88,617	0	343	305,600
Rimin Gado	223,589	98,514	96,074	154	423	418,754
Rogo	197,954	90,783	80,509	263	0	369,509
Shanono	179,463	98,177	100,257	2,131	1,069	381,097
Sumaila	311,977	110,771	70,583	1,646	17	494,994
Takai	172,440	67,503	56,469	149	0	296,560
Tarauni	27,360	8,714	3,486	0	0	39,560
Tofa	168,223	76,371	45,211	51	114	289,971

Tsanyawa	132,246	57,366	73,834	2,406	297	266,149
Tudun Wada	270,851	148,211	135,949	34	0	555,046
Ungogo	79,200	25,354	34,583	86	11	139,234
Warawa	117,269	46,229	23,994	234	29	187,754
Wudil	210,217	97,383	66,103	343	257	374,303
Total	8,089,937	3,272,320	2,374,440	14,394	6,440	13,757,531

Source: SBS, Kano

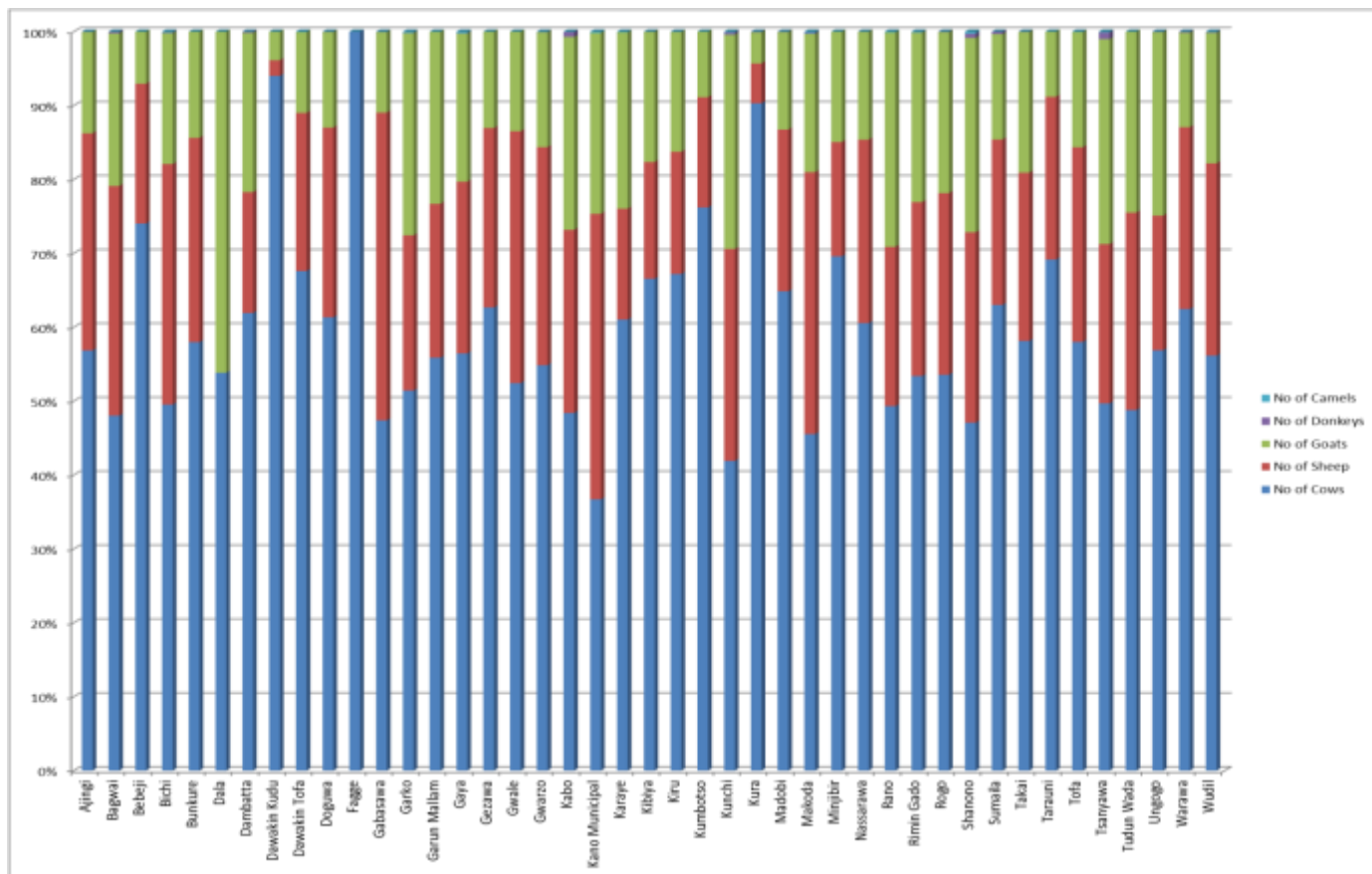


TABLE 11: HERDSMEN POPULATION PATTERN OF MIGRATION BY LGA (MULTI CHOICE RESPONSES)

LGA Name	Semi Intensive	Intensive	Extensive	Total
Ajingi	14,000	14,000	106,800	134,800
Albasu	3,423	3,423	22,771	29,617
Bagwai	11,549	11,549	62,434	85,531
Bebeji	9,977	9,977	54,886	74,840
Bichi	9,229	9,229	53,469	71,926
Bunkure	5,829	5,829	38,709	50,366

Dala	17	17	103	137
Dambatta	6,417	6,417	36,520	49,354
Dawakin Kudu	2,331	2,331	13,120	17,783
Dawakin Tofa	5,160	5,160	26,971	37,291
Doguwa	5,434	5,434	46,257	57,126
Fagge	46	46	286	377
Gabasawa	5,274	5,274	54,246	64,794
Garko	5,943	5,943	65,503	77,389
Garun Mallam	3,726	3,726	21,857	29,309
Gaya	3,669	3,669	23,583	30,920
Gezawa	4,343	4,343	26,383	35,069
Gwale	63	63	10,086	10,211
Gwarzo	8,223	8,223	61,063	77,509
Kabo	2,503	2,503	21,949	26,954
Kano Municipal	57	57	291	406
Karaye	5,440	5,440	35,029	45,909
Kibiya	3,743	3,743	41,783	49,269
Kiru	11,440	11,440	72,246	95,126
Kumbotso	1,669	1,669	21,320	24,657
Kunchi	6,263	6,263	40,674	53,200
Kura	4,943	4,943	27,571	37,457
Madobi	3,274	3,274	15,680	22,229
Makoda	8,954	8,954	65,920	83,829
Minjibir	5,937	5,937	43,469	55,343
Nassarawa	1,829	1,829	10,097	13,754
Rano	4,594	4,594	30,514	39,703
Rimin Gado	8,663	8,663	45,520	62,846
Rogo	9,457	9,457	70,840	89,754
Shanono	6,680	6,680	49,737	63,097
Sumaila	6,366	6,366	52,623	65,354
Takai	5,480	5,480	35,463	46,423
Tarauni	840	840	5,543	7,223
Tofa	6,783	6,783	38,806	52,371
Tsanyawa	4,949	4,949	34,503	44,400
Tudun Wada	5,806	5,806	37,583	49,194
Ungogo	3,114	3,114	30,857	37,086
Warawa	3,411	3,411	66,211	73,034
Wudil	14,246	14,246	86,731	115,223
Total	241,091	241,091	1,706,006	2,188,189

Source: SBS, Kano

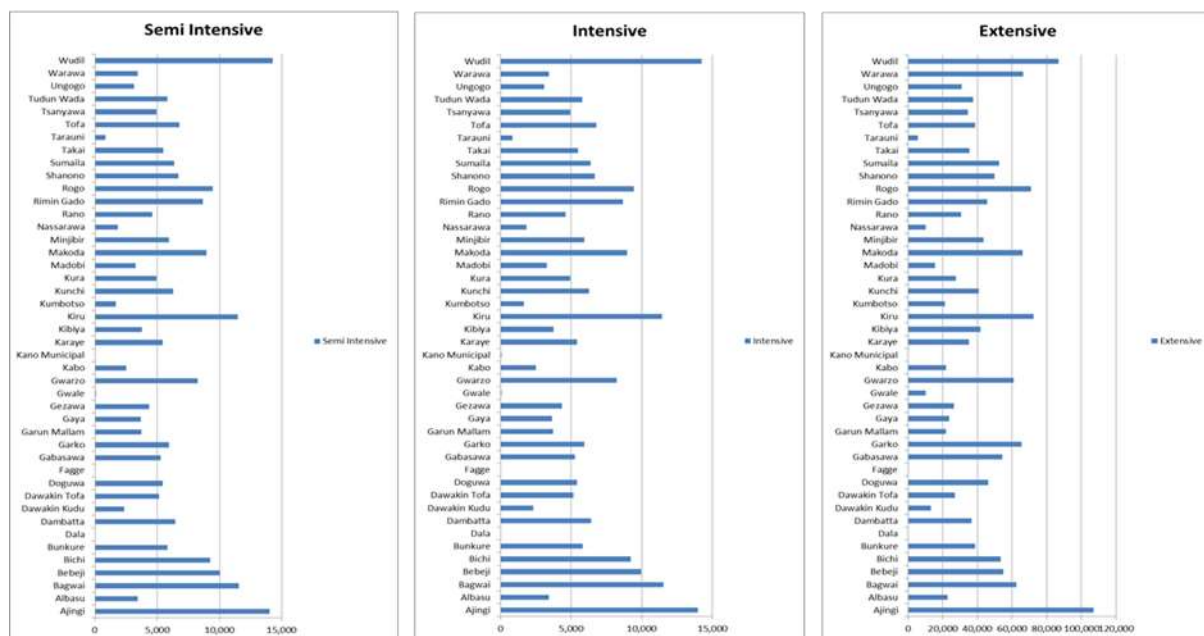
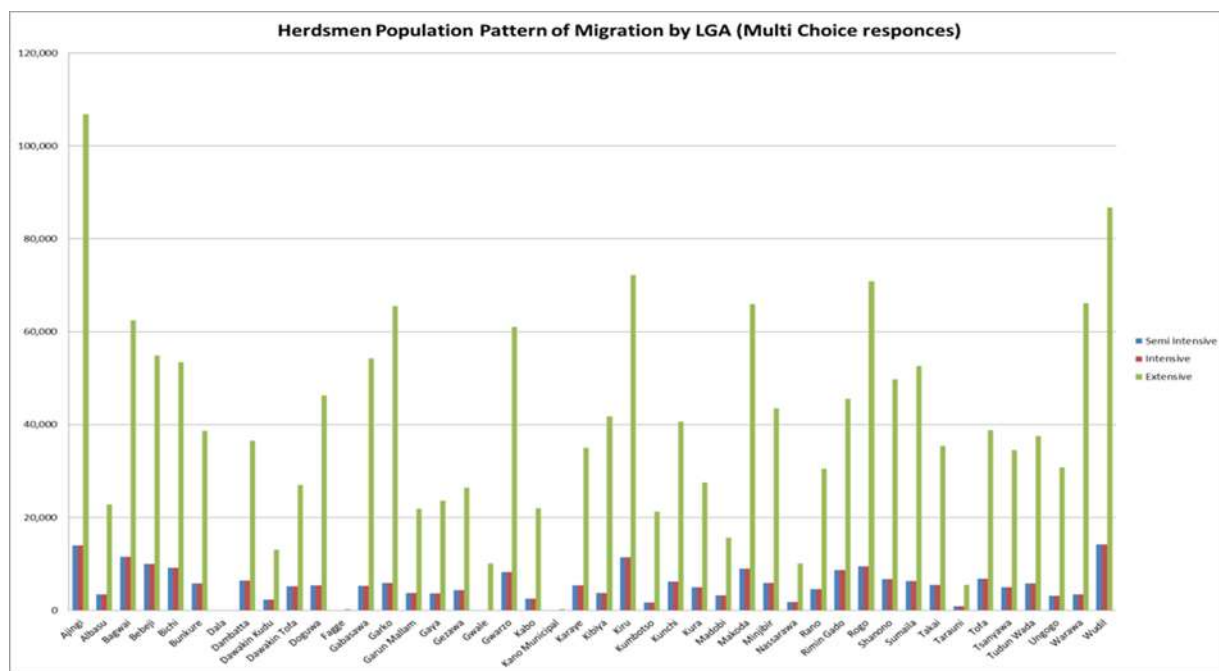


TABLE 12: HOUSEHOLD PASTORAL PRODUCTION AT COMMERCIAL QUANTITY BY LGA

LGA Name	Commercial	Private	Both
Ajingi	2,256	1,930	7,034
Albasu	716	151	1,561
Bagwai	1,761	1,136	5,215
Bebeji	2,350	209	4,601
Bichi	1,563	824	4,297
Bunkure	1,364	313	2,511
Dala	4	0	8
Dambatta	750	974	3,104
Dawakin Kudu	337	249	1,050
Dawakin Tofa	1,023	273	2,332
Doguwa	1,463	459	2,115
Fagge	3	9	21
Gabasawa	990	894	2,052
Garko	610	1,916	4,550
Garun Mallam	810	210	1,836
Gaya	563	419	1,763
Gezawa	559	547	1,938
Gwale	244	14	2,941
Gwarzo	1,344	931	3,984
Kabo	406	220	1,126
Kano Municipal	9	6	26
Karaye	1,001	357	2,441
Kibiya	1,264	176	1,368
Kiru	2,100	1,086	5,730
Kumbotso	539	206	444
Kunchi	820	864	3,032
Kura	994	313	2,353
Madobi	704	130	1,502
Makoda	477	2,521	5,397
Minjibir	1,073	667	2,832
Nassarawa	380	79	825
Rano	979	347	2,386
Rimin Gado	1,027	1,256	4,065
Rogo	1,131	1,427	4,605
Shanono	1,256	527	3,209
Sumaila	1,476	116	2,865
Takai	1,129	260	2,499

Tarauni	99	97	440
Tofa	1,036	697	3,119
Tsanyawa	903	513	2,548
Tudun Wada	1,346	130	2,584
Ungogo	823	373	1,220
Warawa	1,777	196	423
Wudil	2,073	1,607	6,408
Total	43,530	25,627	116,363

Source: SBS, Kano

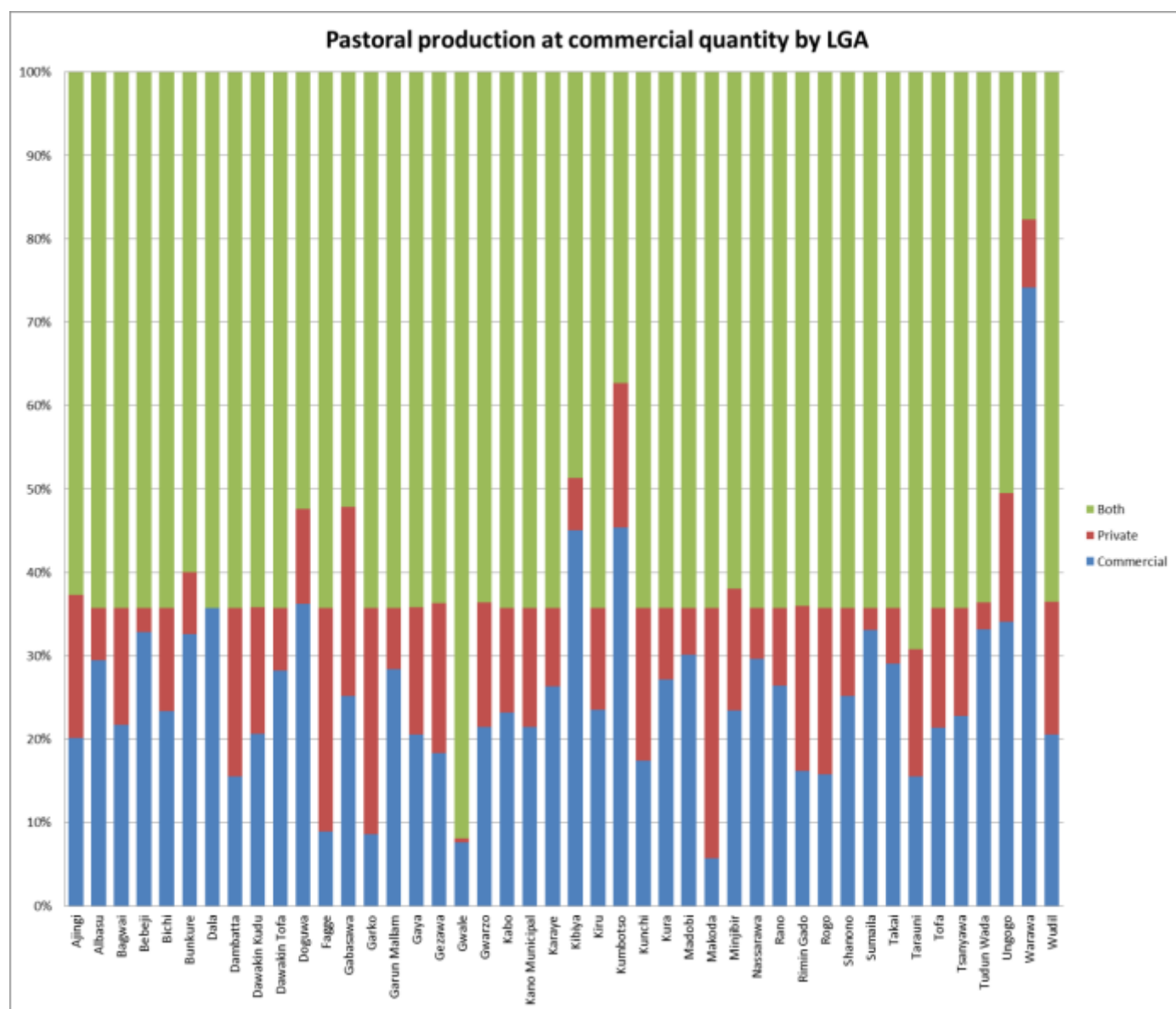
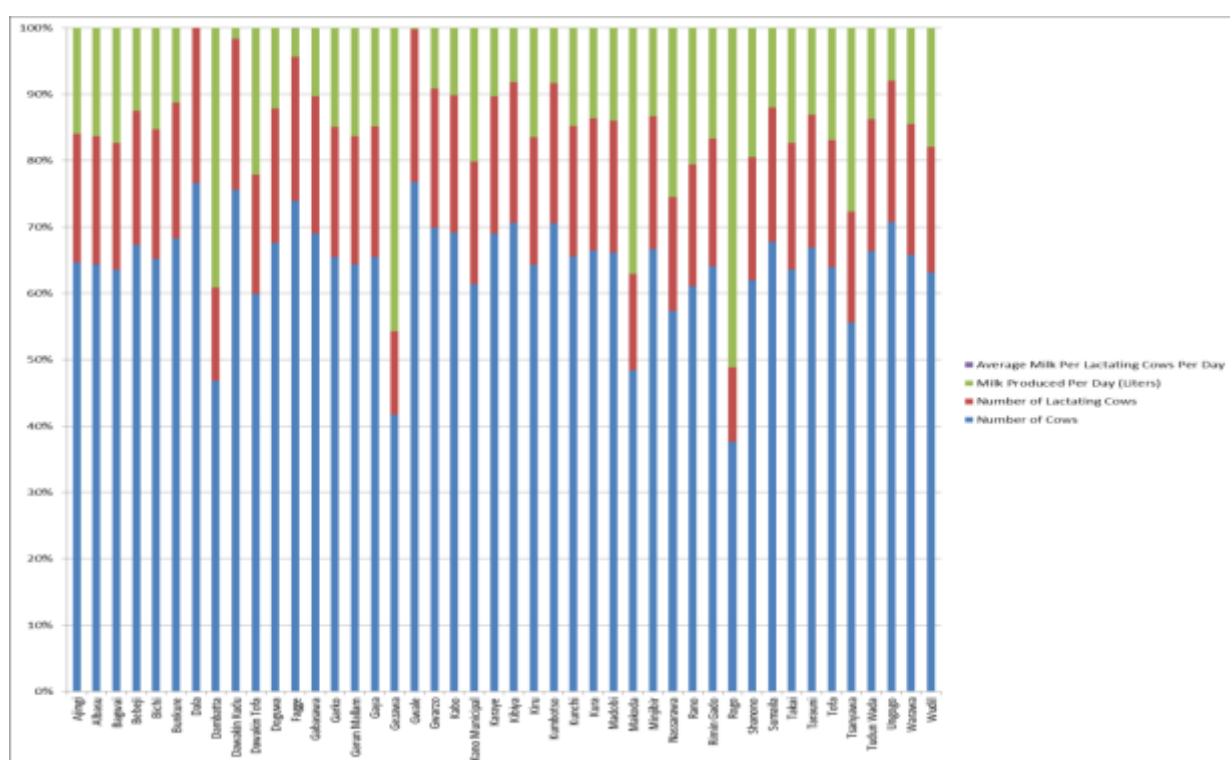


TABLE 13: COMMERCIAL MILK PRODUCTION PER LITER BY LGA

LGA Name	Number of Cows	Number of Lactating Cows	Milk Produced Per Day (Liters)	Average Milk Per Lactating Cows Per Day
Ajingi	796,160	238,846	196,571	1.14
Albasu	120,194	36,057	30,594	1.14
Bagwai	387,977	116,394	106,217	1.29
Bebeji	265,703	79,709	49,577	0.86
Bichi	370,874	111,263	87,109	1.14
Bunkure	239,251	71,777	39,549	0.86
Dala	600	183	0	0.00
Dambatta	146,017	43,806	122,051	4.00
Dawakin Kudu	631,040	189,314	14,251	0.14
Dawakin Tofa	107,160	32,149	39,629	1.71
Doguwa	194,509	58,354	34,926	0.86
Fagge	291	86	17	0.29
Gabasawa	249,057	74,720	37,257	0.71
Garko	85,194	25,560	19,451	1.14
Garun Mallam	122,714	36,817	31,103	1.14
Gaya	139,497	41,851	31,777	1.14
Gezawa	148,909	44,674	163,543	5.29
Gwale	39,577	11,874	120	0.00
Gwarzo	410,063	123,017	53,680	0.57
Kabo	82,274	24,680	12,091	0.71
K/Municipal	3,914	1,177	1,286	1.57
Karaye	178,589	53,577	26,686	0.71
Kibiya	139,789	41,937	16,200	0.57
Kiru	493,200	147,960	126,423	1.29
Kumbotso	62,440	18,731	7,371	0.57
Kunchi	141,971	42,594	32,114	1.14
Kura	324,429	97,331	66,766	1.00
Madobi	97,760	29,326	20,709	1.00
Makoda	98,811	29,646	75,760	3.71
Minjibir	192,789	57,834	38,617	1.00
Nassarawa	45,766	13,731	20,377	2.14
Rano	150,737	45,223	50,863	1.57
Rimin Gado	224,320	67,297	58,566	1.29
Rogo	197,954	59,389	269,663	6.43
Shanono	179,463	53,840	56,537	1.57
Sumaila	311,977	93,594	55,251	0.86

Takai	172,440	51,731	47,171	1.29
Tarauni	27,360	8,206	5,354	1.00
Tofa	168,223	50,469	44,594	1.29
Tsanyawa	132,246	39,674	65,960	2.43
Tudun Wada	270,851	81,257	56,229	1.00
Ungogo	207,166	62,149	23,457	0.57
Warawa	191,743	57,526	42,223	1.00
Wudil	217,520	65,257	61,891	1.29
Total	8,768,520	2,630,589	2,339,583	1

Source: SBS, Kano



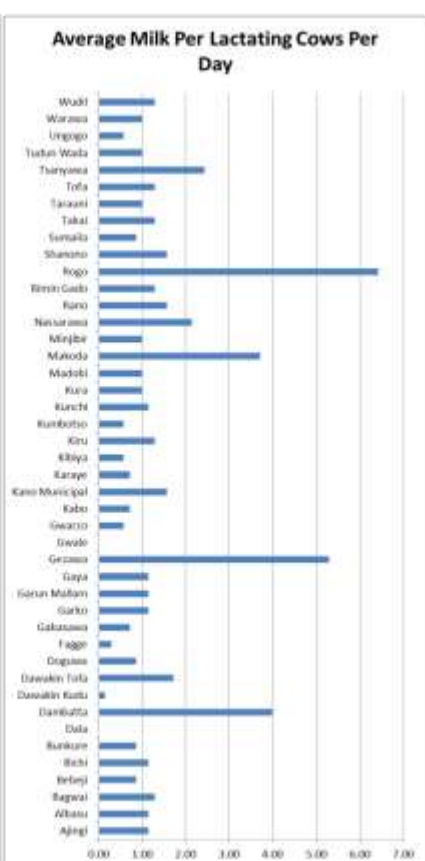
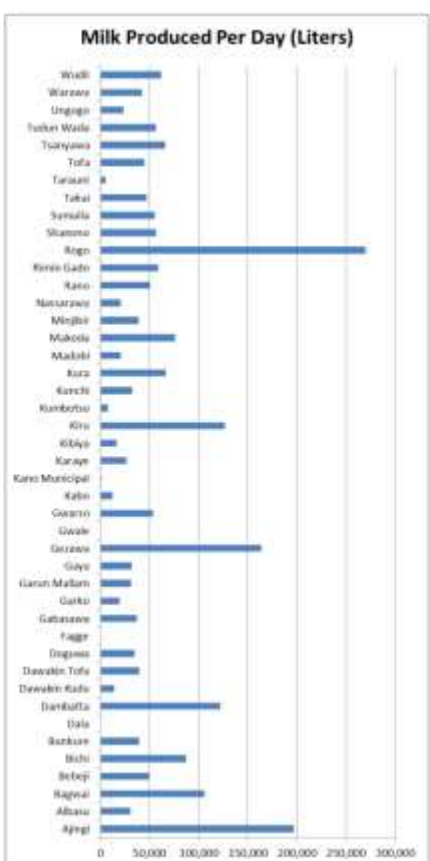
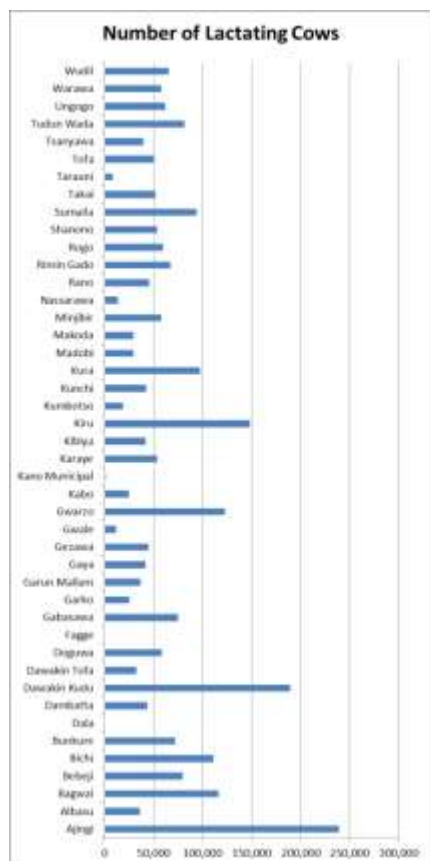
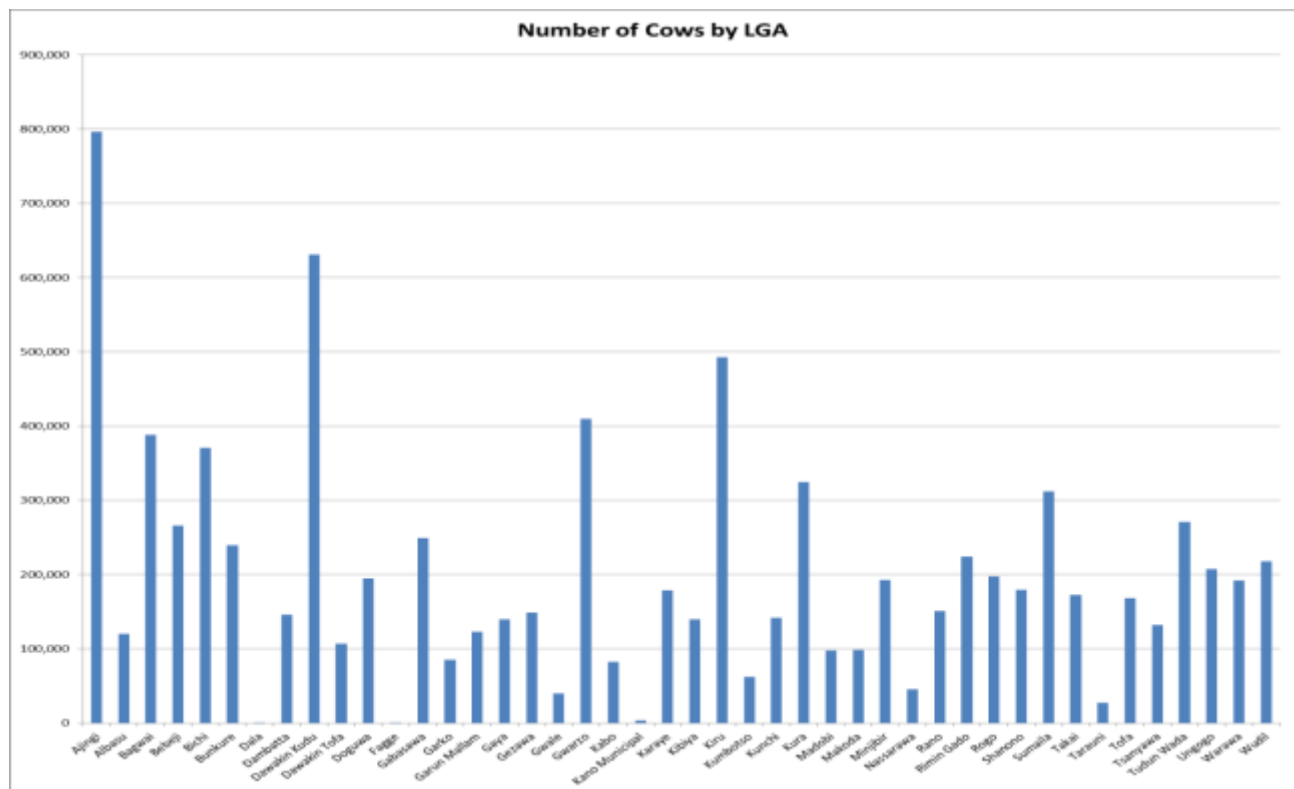


TABLE 14: HERDSMEN'S ANIMAL ACCESS TO VACCINATION BY LGA

LGA Name	Does Animals Receive Vaccination?	
	Yes	No
Ajingi	8012	3208
Albasu	2116	312
Bagwai	7152	960
Bebeji	4968	2192
Bichi	5660	1024
Bunkure	3516	672
Dala	12	0
Dambatta	3628	1200
Dawakin Kudu	964	672
Dawakin Tofa	2936	692
Doguwa	2560	1476
Fagge	32	0
Gabasawa	3536	400
Garko	3520	3556
Garun Mallam	2588	268
Gaya	2412	332
Gezawa	2924	120
Gwale	3100	100
Gwarzo	5632	628
Kabo	1316	436
Kano Municipal	40	0
Karaye	3396	404
Kibiya	1888	920
Kiru	5696	3220
Kumbotso	764	424
Kunchi	3380	1336
Kura	3620	40
Madobi	2156	180
Makoda	4824	3572
Minjibir	3684	888
Nassarawa	1282	2
Rano	3104	608
Rimin Gado	5564	784
Rogo	4280	2884
Shanono	4948	44
Sumaila	4320	136

Takai	3448	440
Tarauni	516	120
Tofa	4432	420
Tsanyawa	3148	816
Tudun Wada	3784	276
Ungogo	2252	164
Warawa	1664	732
Wudil	8072	2016
Total	146,846	38,674

Source: SBS, Kano

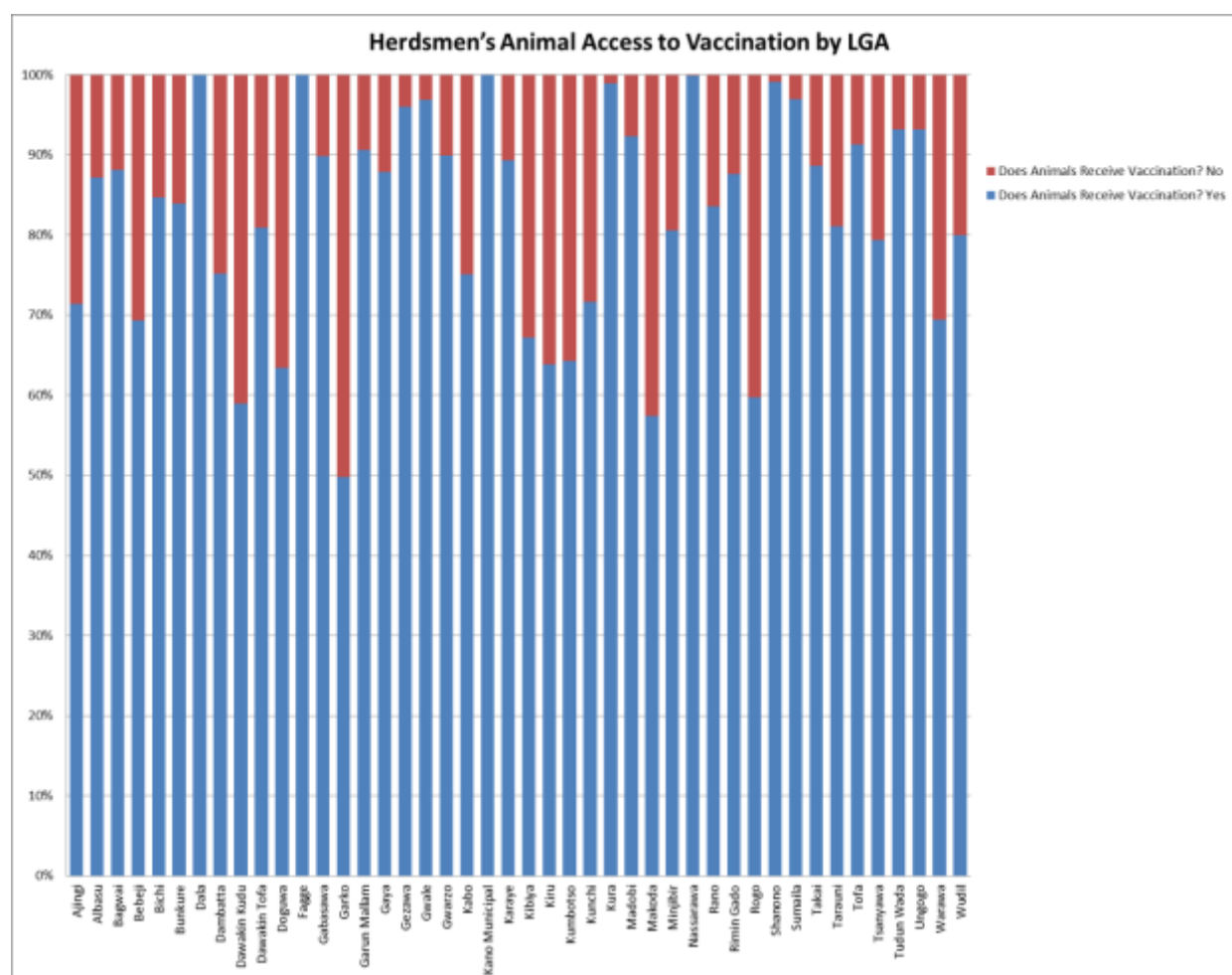


TABLE 15: HOUSEHOLD PROXIMITY TO VET NARY HOSPITAL BY LGA				
LGA Name	<= 1 Km	2- 5 Km	6 - 9 Km	>= 10 Km
Ajingi	16	192	200	10812
Albasu	16	96	100	2216
Bagwai	4	20	136	7952
Bebeji	8	88	108	6956
Bichi	200	16	296	6172
Bunkure	0	28	280	3880
Dala	0	0	12	0
Dambatta	48	100	272	4408
Dawakin Kudu	4	16	220	1396
Dawakin Tofa	48	180	940	2460
Doguwa	84	104	408	3440
Fagge	0	16	24	-8
Gabasawa	36	180	108	3612
Garko	8	180	484	6404
Garun Mallam	4	8	328	2516
Gaya	16	12	44	2672
Gezawa	8	196	124	2716
Gwale	0	0	12	3188
Gwarzo	8	1436	816	4000
Kabo	0	16	48	1688
Kano Municipal	0	0	8	32
Karaye	32	144	404	3220
Kibiya	16	36	92	2664
Kiru	12	704	460	7740
Kumbotso	0	4	52	1132
Kunchi	0	4	132	4580
Kura	0	4	816	2840
Madobi	0	20	324	1992
Makoda	248	280	92	7776
Minjibir	372	108	88	4004
Nassarawa	88	80	176	940
Rano	128	600	268	2716
Rimin Gado	168	328	280	5572
Rogo	0	96	348	6720
Shanono	4	8	884	4096
Sumaila	4	464	348	3640
Takai	24	72	328	3464
Tarauni	96	116	220	204
Tofa	4	60	860	3928

Tsanyawa	32	16	60	3856
Tudun Wada	0	180	760	3120
Ungogo	4	16	156	2240
Warawa	4	4	148	2240
Wudil	24	28	356	9680
Total	1768	6256	12620	164876

Source: SBS, Kano

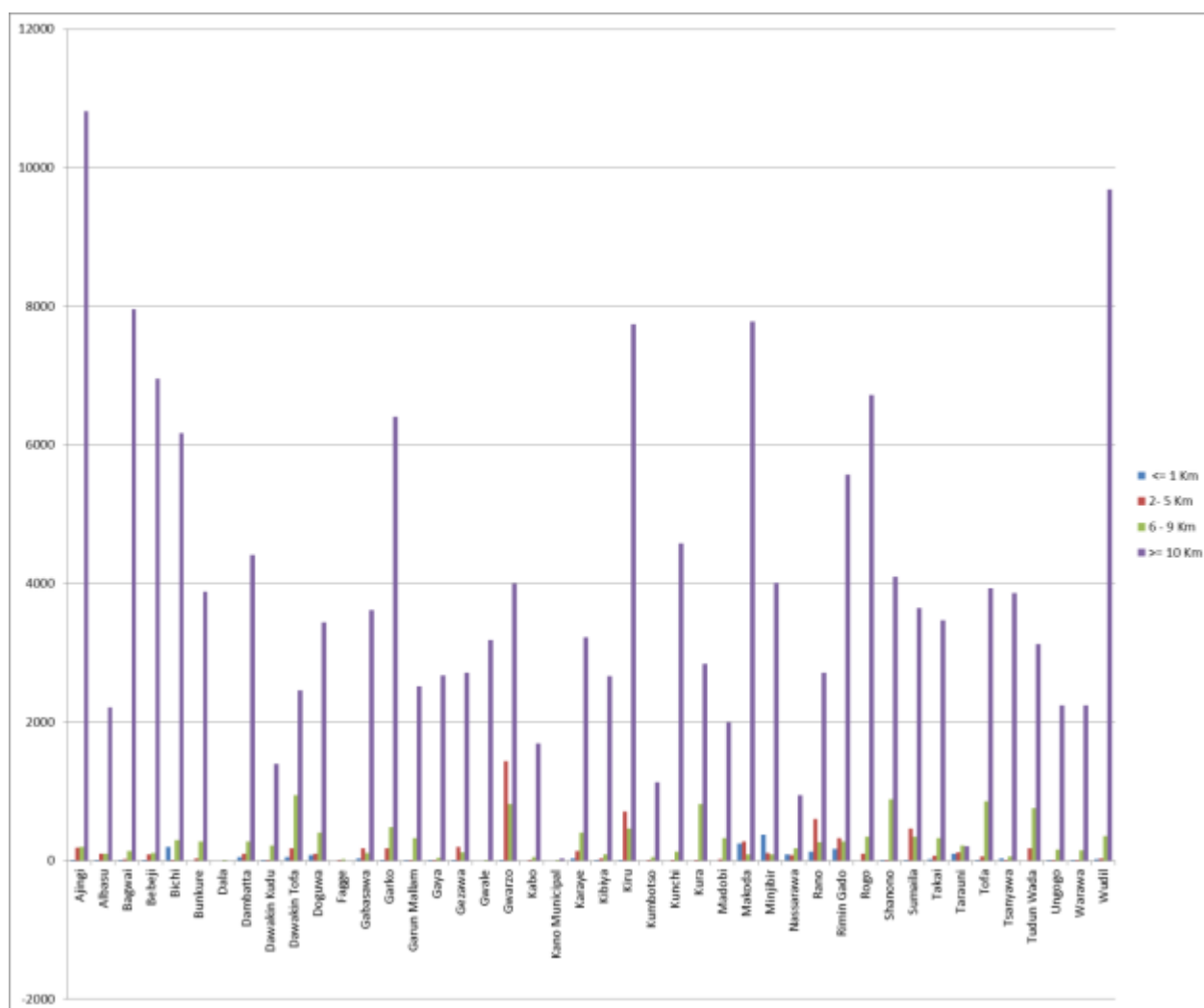


TABLE 16: HOUSEHOLD ACCESS TO VET NARY SERVICES BY LGA

LGA Name	Do you have access to vet nary services?	
	Yes	No
Ajingi	304	10916
Albasu	156	2272
Bagwai	60	8052
Bebeji	124	7036
Bichi	264	6420
Bunkure	96	4092
Dala	4	8
Dambatta	180	4648
Dawakin Kudu	52	1584
Dawakin Tofa	280	3348
Doguwa	224	3812
Fagge	16	16
Gabasawa	268	3668
Garko	208	6868
Garun Mallam	20	2836
Gaya	148	2596
Gezawa	712	2332
Gwale	16	3184
Gwarzo	1700	4560
Kabo	56	1696
Kano Municipal	8	32
Karaye	944	2856
Kibiya	64	2744
Kiru	1376	7540
Kumbotso	36	1152
Kunchi	44	4672
Kura	12	3648
Madobi	24	2312
Makoda	624	7772
Minjibir	596	3976
Nassarawa	196	1088
Rano	912	2800
Rimin Gado	1352	4996
Rogo	152	7012
Shanono	44	4948
Sumaila	1052	3404

Takai	152	3736
Tarauni	220	416
Tofa	308	4544
Tsanyawa	172	3792
Tudun Wada	224	3836
Ungogo	40	2376
Warawa	28	2368
Wudil	152	9936
Total	13,620	171,900

Source: SBS, Kano

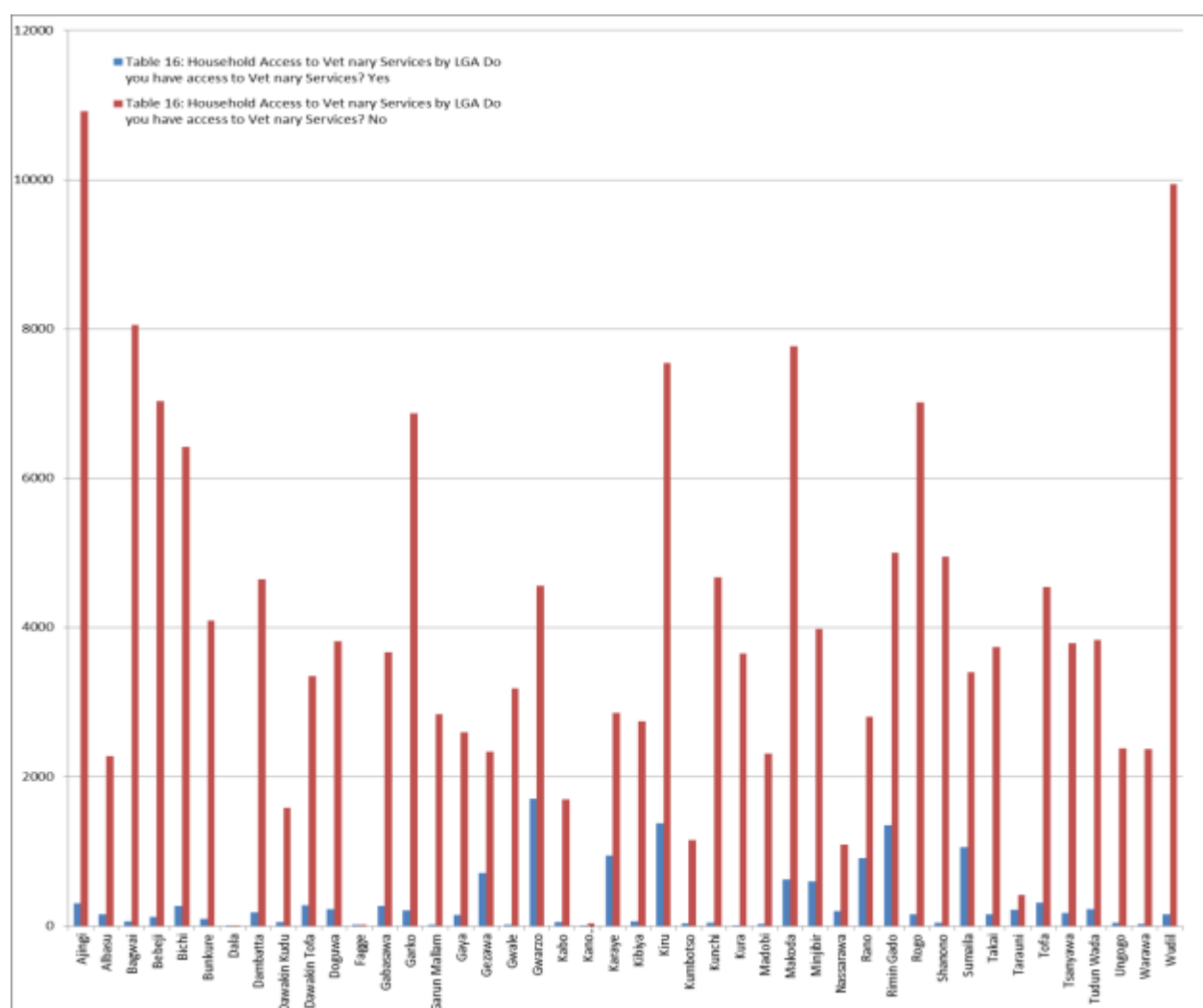


TABLE 17 ANIMAL MANAGEMENT SYSTEM BY LGA. (MULTIPLE CHOICE QUESTION)

LGA Name	Within the LGA	Within the Neighboring LGA	Outside the State	Across International Borders
Ajingi	6448	4988	2848	1380
Albasu	1644	1648	1652	76
Bagwai	7048	3628	1248	792
Bebeji	3712	3104	3940	292
Bichi	6160	2828	2156	996
Bunkure	3608	1492	1464	172
Dala	4	12	4	0
Dambatta	3828	228	44	0
Dawakin Kudu	1200	296	48	8
Dawakin Tofa	3264	1060	212	4
Doguwa	2988	2268	1432	192
Fagge	20	4	0	0
Gabasawa	3388	2124	1784	1136
Garko	3104	1356	84	8
Garun Mallam	1860	2064	1560	44
Gaya	1524	1128	856	16
Gezawa	2652	908	724	364
Gwale	40	20	8	4
Gwarzo	3828	3124	2308	760
Kabo	968	988	620	40
Kano Municipal	36	28	16	16
Karaye	1808	1424	1356	88
Kibiya	1440	1100	500	68
Kiru	4820	4680	2928	156
Kumbotso	616	404	108	4
Kunchi	3976	1284	600	144
Kura	2084	2140	684	20
Madobi	2212	1408	472	16
Makoda	5312	908	348	168
Minjibir	3364	1336	1116	264
Nassarawa	648	712	348	0
Rano	2800	2744	1752	352
Rimin Gado	5896	2540	2388	992
Rogo	4472	3260	1392	12
Shanono	3644	1500	1804	148
Sumaila	3740	2660	1864	0

Takai	1496	1820	2776	52
Tarauni	272	100	48	0
Tofa	4488	1876	524	24
Tsanyawa	3192	1344	824	48
Tudun Wada	2992	3464	3084	36
Ungogo	1364	1836	540	64
Warawa	1580	984	700	0
Wudil	9284	2500	884	8
Total	128,824	75,320	50,048	8,964

Source: SBS, Kano

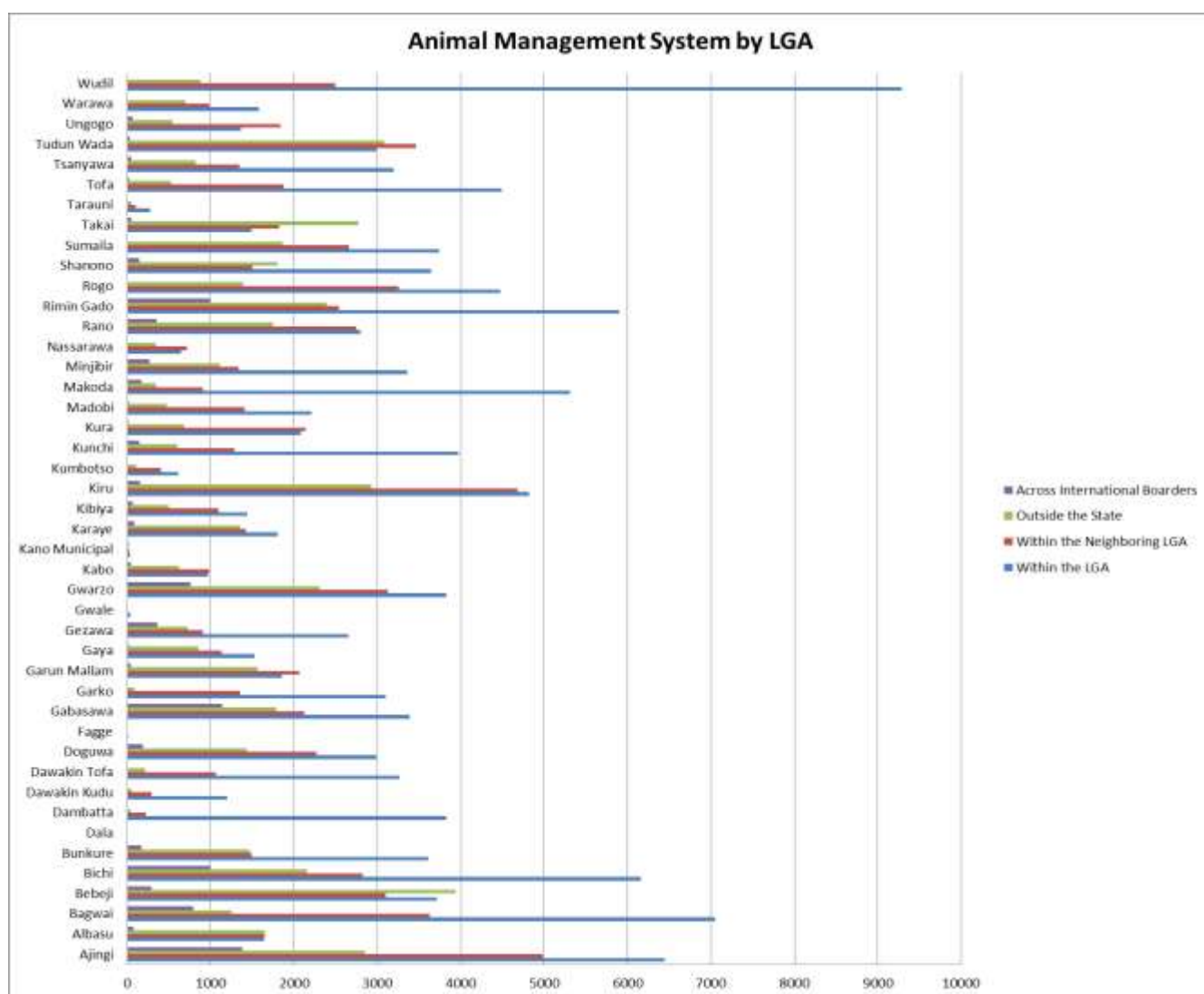




TABLE 18: HERDSMEN COMPLIANCE TO THE NEW GOVERNMENT GRAZING SYSTEM BY LGA.

LGA Name	Yes (Ready)	No (Not ready)
Ajingi	11216	4
Albasu	2424	4
Bagwai	8108	4
Bebeji	7156	4
Bichi	6516	168
Bunkure	4076	112
Dala	12	0
Dambatta	4812	16
Dawakin Kudu	1632	4
Dawakin Tofa	3616	12
Doguwa	4012	24
Fagge	32	0
Gabasawa	3936	0
Garko	7076	0
Garun Mallam	2772	84
Gaya	2736	8
Gezawa	3044	0

Gwale	3200	0
Gwarzo	6252	8
Kabo	1652	100
Kano Municipal	40	0
Karaye	3784	16
Kibiya	2800	8
Kiru	8900	16
Kumbotso	1184	4
Kunchi	4672	44
Kura	3372	288
Madobi	2336	0
Makoda	8352	44
Minjibir	4544	28
Nassarawa	1284	0
Rano	3712	0
Rimin Gado	6340	8
Rogo	7116	48
Shanono	4936	56
Sumaila	4452	4
Takai	3880	8
Tarauni	628	8
Tofa	4840	12
Tsanyawa	3772	192
Tudun Wada	4060	0
Ungogo	2392	24
Warawa	2384	12
Wudil	10024	64
Total	184,084	1,436

Source: SBS, Kano

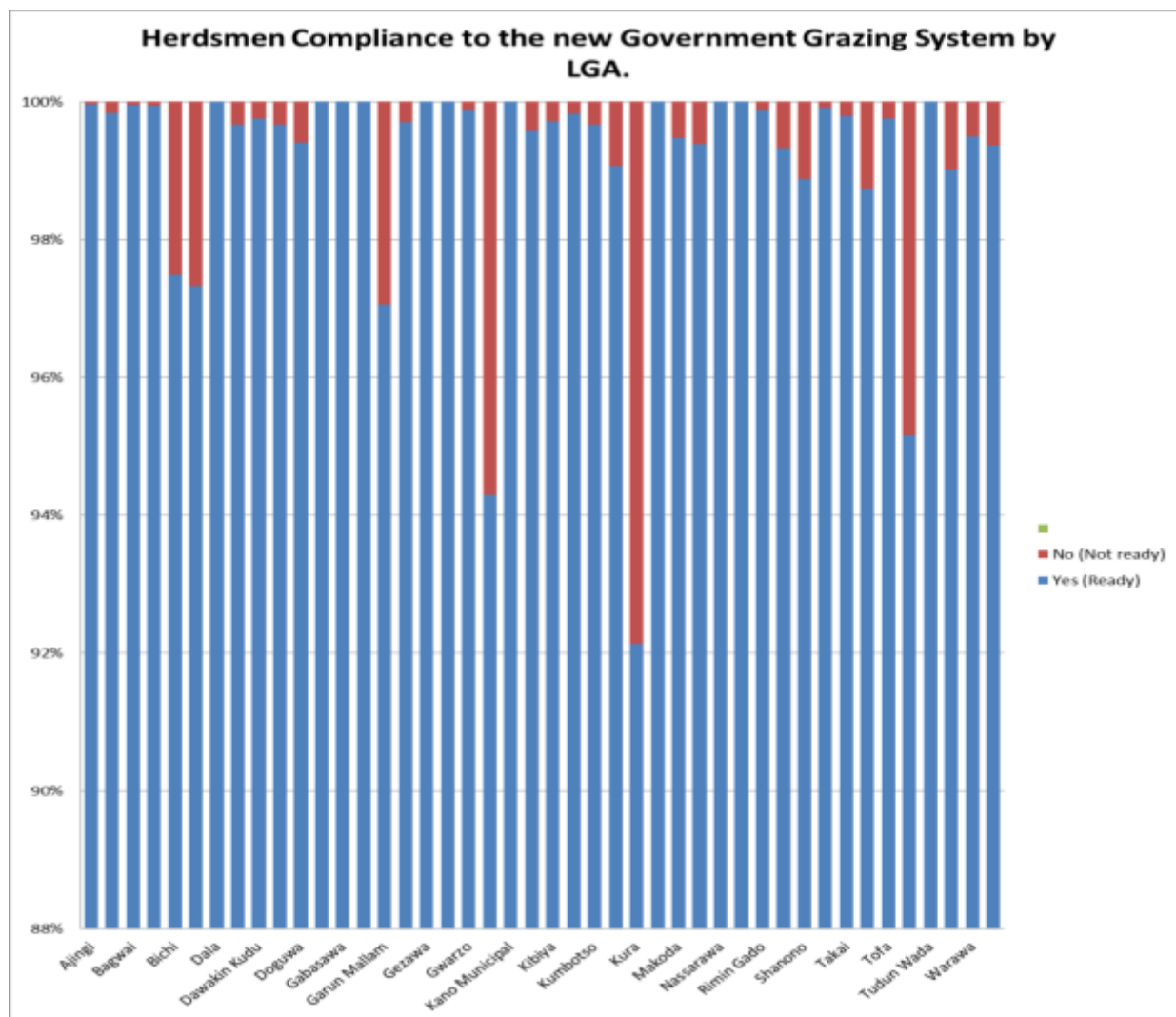


TABLE 19 EXPECTED LIVESTOCK CHALLENGES WHEN RESETTLED IN ONE PLACE (MULTI CHOICE RESPONSES)

LGA Name	Inadequate Feed	Insufficient Water	Pests / Insects	Livestock Insecurity
Ajingi	7604	4992	2632	656
Albasu	1772	1728	1528	692
Bagwai	7328	5184	2428	2336
Bebeji	5076	4244	1296	504
Bichi	5832	4612	3652	2984
Bunkure	3824	2996	1612	1080
Dala	12	0	0	12
Dambatta	2996	2252	588	736
Dawakin Kudu	1276	1020	736	824
Dawakin Tofa	3312	2600	624	292
Doguwa	1872	1552	1440	1488
Fagge	16	0	4	0
Gabasawa	2984	3104	1704	1216
Garko	3068	2796	592	328
Garun Mallam	2376	1016	2060	1092
Gaya	2384	904	1532	640
Gezawa	2884	2004	528	992
Gwale	40	24	8	8
Gwarzo	5332	3876	3736	3824
Kabo	1184	812	556	272
Kano Municipal	36	36	12	0
Karaye	3044	2064	856	1320
Kibiya	2252	1428	832	480
Kiru	5852	4984	3872	3348
Kumbotso	744	228	188	232
Kunchi	3660	2972	1640	988
Kura	1988	1044	1908	1156
Madobi	2224	1308	1828	1364
Makoda	4804	1980	660	460
Minjibir	3372	1216	1216	1332
Nassarawa	1176	876	28	316
Rano	2984	2868	2060	1364
Rimin Gado	5940	3360	2504	2184
Rogo	4328	3028	2016	1852
Shanono	4168	2816	2988	652
Sumaila	4336	3672	1048	624
Takai	3412	1696	1336	704

Tarauni	316	268	96	108
Tofa	3652	2076	1788	672
Tsanyawa	2972	2944	2124	976
Tudun Wada	4252	4304	3136	3484
Ungogo	1800	1248	592	280
Warawa	2236	2020	1400	1700
Wudil	8952	5864	4052	2900
Total	139,672	100,016	65,436	48,472

Source: SBS, Kano

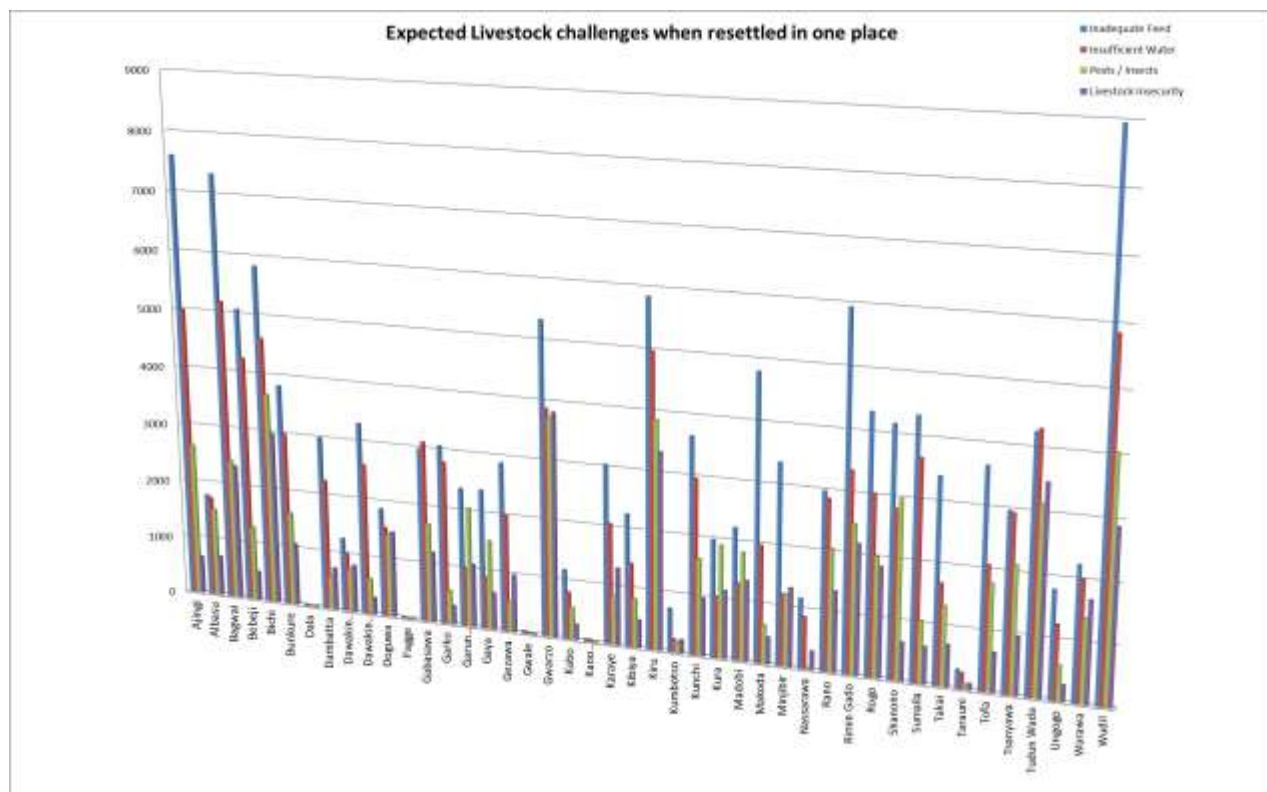
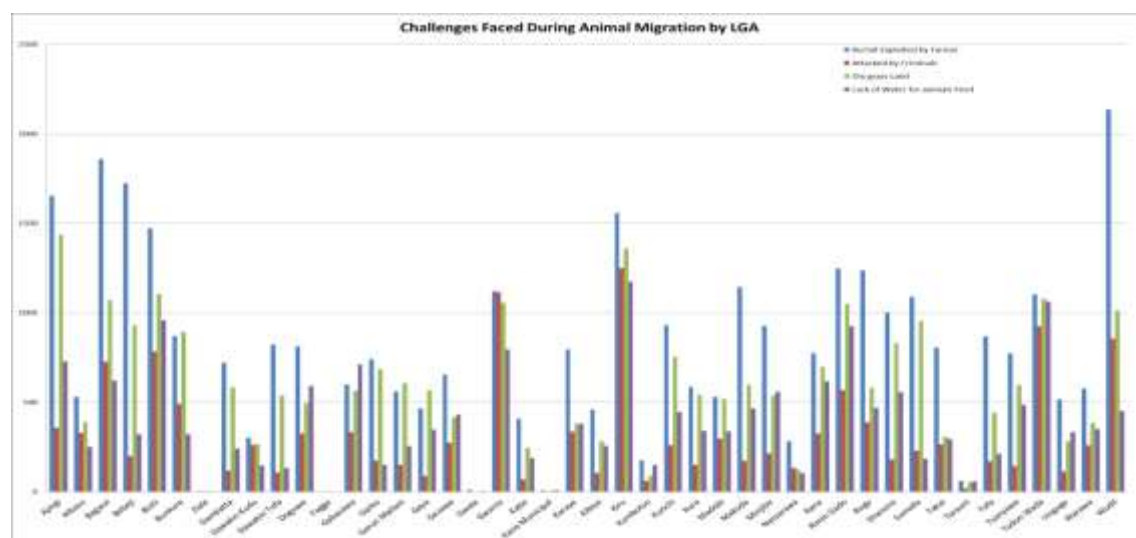


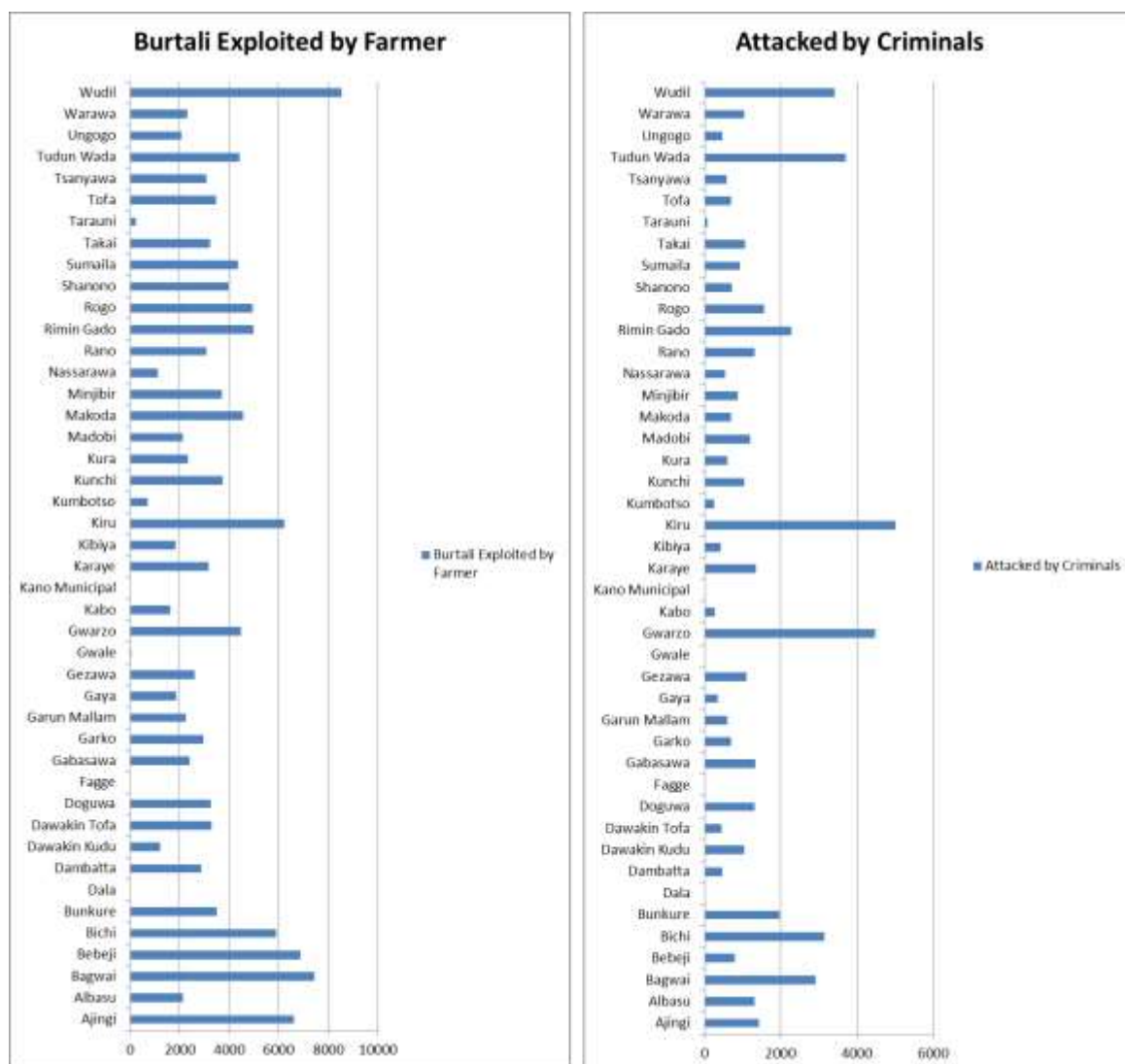
TABLE 20: CHALLENGES FACED DURING ANIMAL MIGRATION BY LGA.(MULTI CHOICE RESPONSES)

LGA NAME	Burtali Exploited by Farmer	Attacked by Criminals	Dry grass Land	Lack of Water for animals Feed
Ajingi	6608	1428	5748	2916
Albasu	2124	1316	1564	1004
Bagwai	7432	2908	4284	2484
Bebeji	6892	796	3720	1284
Bichi	5888	3136	4416	3836
Bunkure	3484	1964	3572	1288
Dala	12	12	12	12
Dambatta	2884	468	2336	968
Dawakin Kudu	1208	1044	1064	584
Dawakin Tofa	3288	432	2152	532
Doguwa	3248	1304	1980	2364
Fagge	0	0	12	8
Gabasawa	2396	1332	2260	2840
Garko	2964	700	2740	604
Garun Mallam	2240	604	2424	1016
Gaya	1860	352	2272	1388
Gezawa	2612	1088	1664	1728
Gwale	44	8	8	24
Gwarzo	4476	4464	4220	3184
Kabo	1632	276	980	756
Kano Municipal	36	4	28	36
Karaye	3184	1344	1520	1520
Kibiya	1836	420	1128	1028
Kiru	6232	5000	5436	4696
Kumbotso	708	244	348	596
Kunchi	3724	1044	3016	1780
Kura	2344	604	2164	1356
Madobi	2120	1184	2076	1352
Makoda	4572	688	2388	1864
Minjibir	3712	856	2152	2240
Nassarawa	1128	532	496	412
Rano	3096	1300	2800	2464
Rimin Gado	4992	2268	4192	3704
Rogo	4944	1552	2328	1876
Shanono	4008	720	3324	2232
Sumaila	4356	916	3820	740

Takai	3220	1060	1232	1176
Tarauni	244	72	208	236
Tofa	3476	684	1764	848
Tsanyawa	3092	568	2388	1936
Tudun Wada	4404	3704	4316	4252
Ungogo	2068	452	1128	1332
Warawa	2312	1032	1536	1400
Wudil	8540	3416	4048	1808
Total	139,640	53,296	101,264	69,704

Source: SBS, Kano

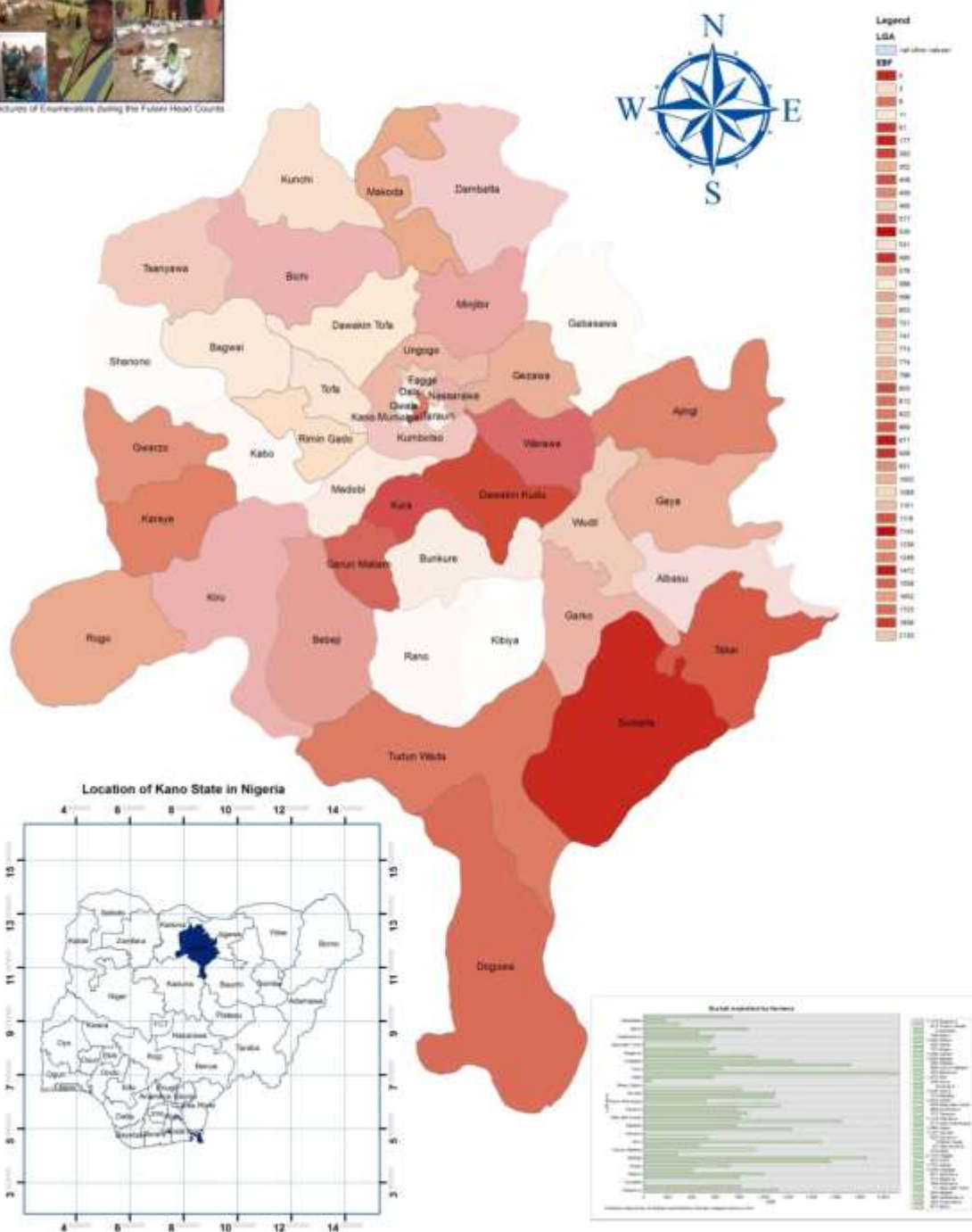




Summary of Burtali exploited by farmers and by LGA
Friday, August 27, 2021



Deputies of *Eleutheria* found the Exalted Order Court





Kano State Government Office of the Executive Governor Kano State Bureau of Statistics

Audu Bako Secretariate, Kano

www.knstatistics.gov.ng info@knstatistics.gov.ng

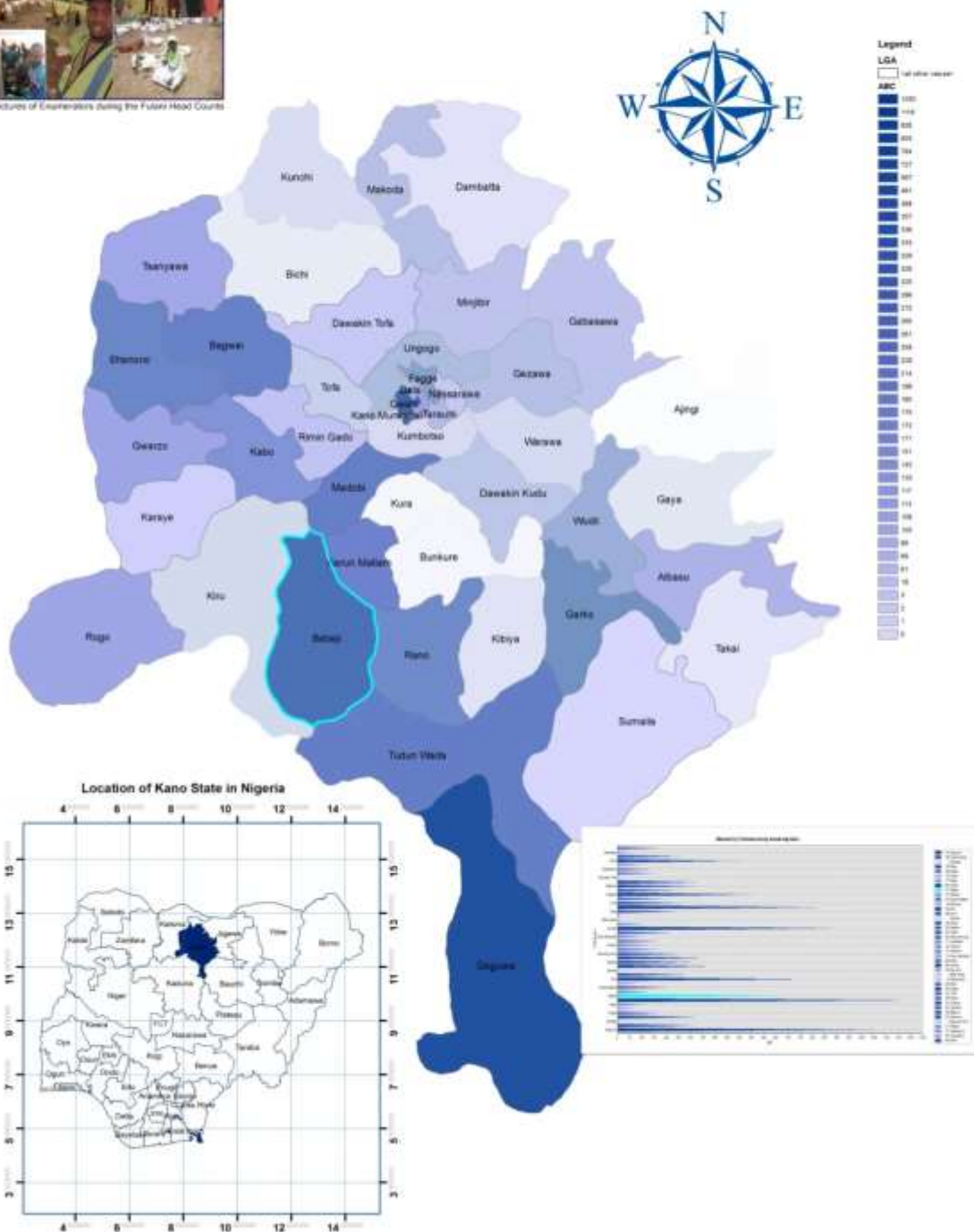


Attacked by criminals during animal migration

Friday, August 27, 2021



Picture of Herdsmen during the Fulani Herd Count

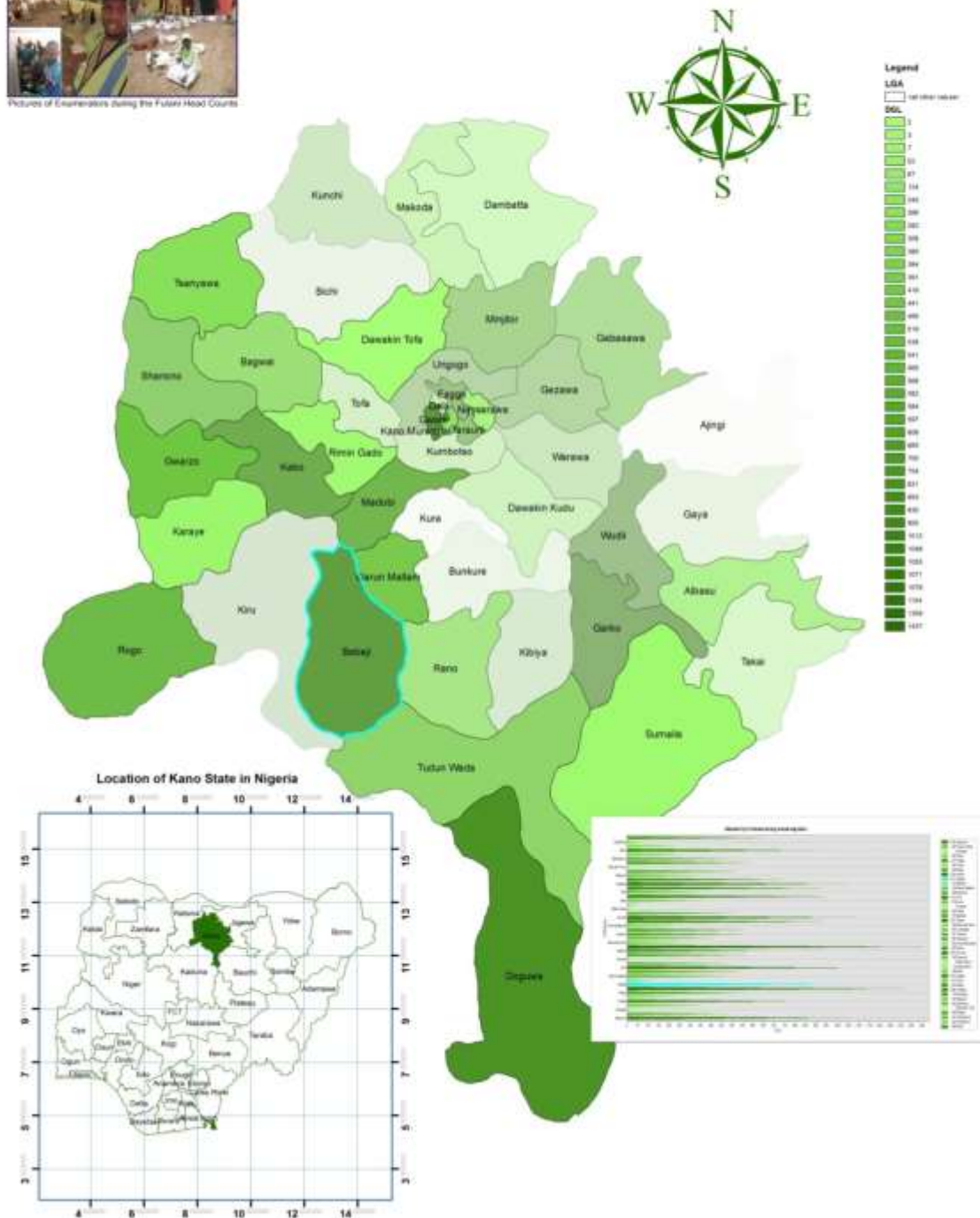


Dry Grass Land for animal feeds

Friday, August 27, 2021



Pictures of Exemplars during the Future Head Count





Kano State Government Office of the Executive Governor Kano State Bureau of Statistics

Audu Bako Secretariate, Kano

www.knstatistics.gov.ng info@knstatistics.gov.ng

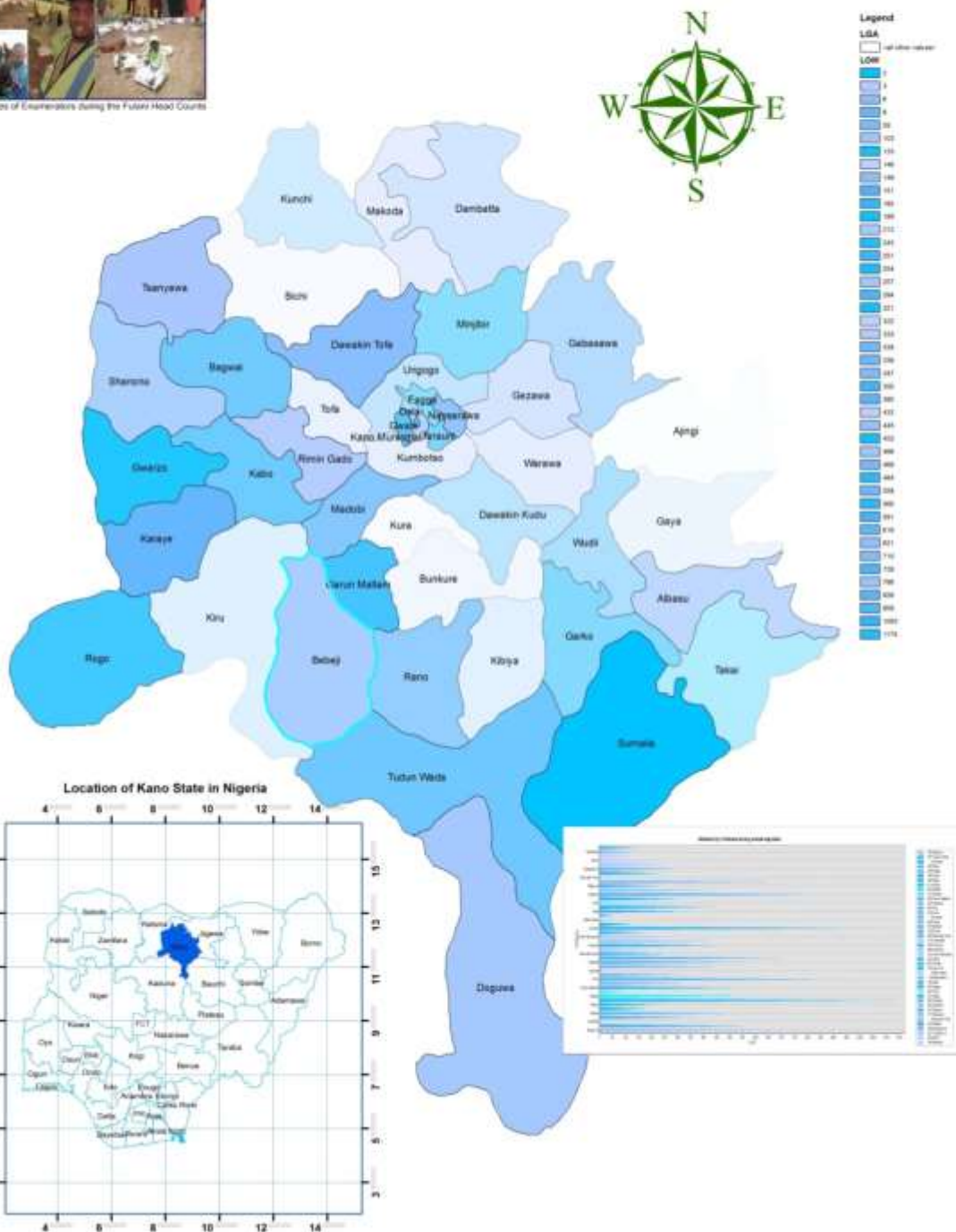


Lack of availability to water the livestock

Friday, August 27, 2021



Pictures of Herders during the Fulani Herd Counts



RECOMMENDATIONS

1. Considering the number of livestock near to 2 million across the state implies the need to generate employment to our teeming youth and women and provide for the establishment of Public – Private – Partnership (PPP) across numerous value chains including Dairy, Beef, Fish, Hides and Skin, etc.
2. State Government should consider micro grazing areas in 31 other Rural / Semi Urban LGAs equipped with modern milk collection centers to compliment lactating cows.
3. The State government should invite consortium of investors and Cooperatives Societies under Public Private Partnership (PPP) Kano State policy on anchor borrower program with sufficient up-takers and suppliers across the LGAs.
4. Government participation by full installation of pastoral equipment at the targeted LGAs mentioned in “2” above will enhance milk production value chain and job opportunities to compliment more revenue generation at LGA level.
5. The state government should dedicated works at the designated 5no deserts that will serve as permanent settlements for state indigenes and other interested herders in the State. The settlements are:- Dan Soshiya in Kiru LGA, Dudduro in Ajingi LGA, Fanyabo in Doguwa LG A, Dunawa in Makoda LGA and lastly in Bichi LGA before the end of this administration.

Conclusions

With the current headcount figures of Livestock (near to 2 Million), popular animals by type of Cows, Cattle, Sheep, Goats and Camels have foreseen future agricultural investment opportunities in Kano State

Completion of 5no deserts timely to serve as permanent settlements for State indigenes and other interested herders in the State will enhance economic diversification from crude oil sector there by securing pastoral production value chain.

Constituted an Administrative Committee of Inquiry to address conflict between Herdsmen and Farmer, improving access to justice and peace, herder's women and youth capacity building, etc., will reduce or stop herdsmen migration and attract others back home.

Government should speed up integration of its plans in improvement/ upgrading of 20 numbers public slaughter houses in those areas/ LGAs designed for inclusive development in the state.

CHAPTER 5: WATER

NARRATIONS

Responses of Herdsmen on the availability of water with regards to “**Boreholes**”, “**Dam**”, “**Ditch**”, “**River**” and “**Well**” are 15.3%, 18.6%, 14.9%, 28.9% and 22.27% respectively.

Herdsmen Household responses with less than one Kilometer proximity to water are 19,433 (40.1%), followed by 18,777 (38.8%) for those with 2 to 5 km proximity.

OBSERVATIONS

Herdsmen mostly utilizes river as their major source of watering their livestock and alternatively where dams, ditches, Wells and Boreholes are located.

TABLE 21 LIVESTOCK SOURCES OF WATER BY TYPE AND LGA (MULTI CHOICE RESPONSES)

LGA Name	Boreholes	Dams	Ditch	River	Well
Ajingi	2328	1184	328	3956	4012
Albasu	760	76	80	1452	1564
Bagwai	1484	3056	1176	4048	1312
Bebeji	232	992	436	5536	1280
Bichi	2100	1908	1612	2868	1408
Bunkure	908	572	1356	2524	652
Dala	0	0	0	12	12
Dambatta	836	1032	688	296	2324
D/ Kudu	648	544	616	804	500
D/ Tofa	720	384	768	2156	560
Doguwa	404	260	1640	3052	232
Fagge	4	16	4	0	12
Gabasawa	212	1356	1316	2084	1340
Garko	876	2568	176	624	72
G/Mallam	168	1736	124	1332	120
Gaya	656	704	600	104	2080
Gezawa	2068	664	680	1076	1868
Gwale	20	8	28	4	24
Gwarzo	856	3344	2436	1856	1748

Kabo	928	684	168	776	568
K/Municipal	8	28	4	0	8
Karaye	308	1816	384	2276	1092
Kibiya	1040	384	1260	1592	340
Kiru	1676	3760	3864	4852	3344
Kumbotso	236	152	132	432	108
Kunchi	988	1488	484	1068	2048
Kura	952	1132	1140	1368	992
Madobi	1132	688	1120	1504	828
Makoda	804	1448	636	940	3664
Minjibir	1752	1152	1624	904	2392
Nassarawa	140	80	240	820	732
Rano	616	1092	1568	1744	1308
Rimin Gado	3804	2416	2964	2156	4844
Rogo	196	1404	1888	3332	1076
Shanono	280	1188	72	660	3160
Sumaila	364	408	324	4016	1480
Takai	1504	144	760	936	2492
Tarauni	60	144	8	164	80
Tofa	2036	1304	1672	2128	1248
Tsanyawa	692	1940	348	1172	732
Tudun Wada	472	2644	1152	2192	2344
Ungogo	1476	228	712	632	404
Warawa	824	948	692	1576	1140
Wudil	2964	2104	2032	5260	1288
Total	40,532	49,180	39,312	76,284	58,832

Source: SBS, Kano

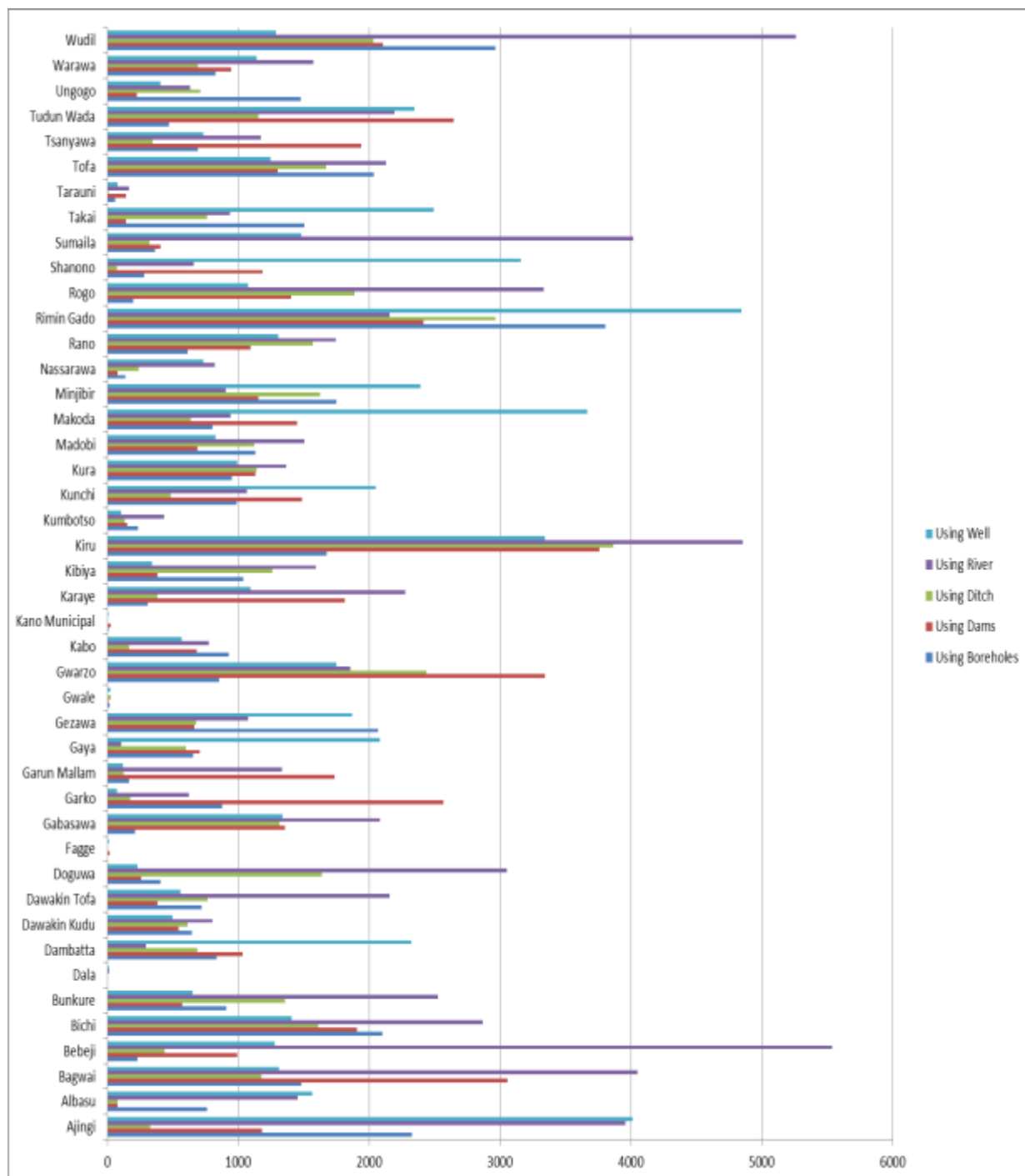
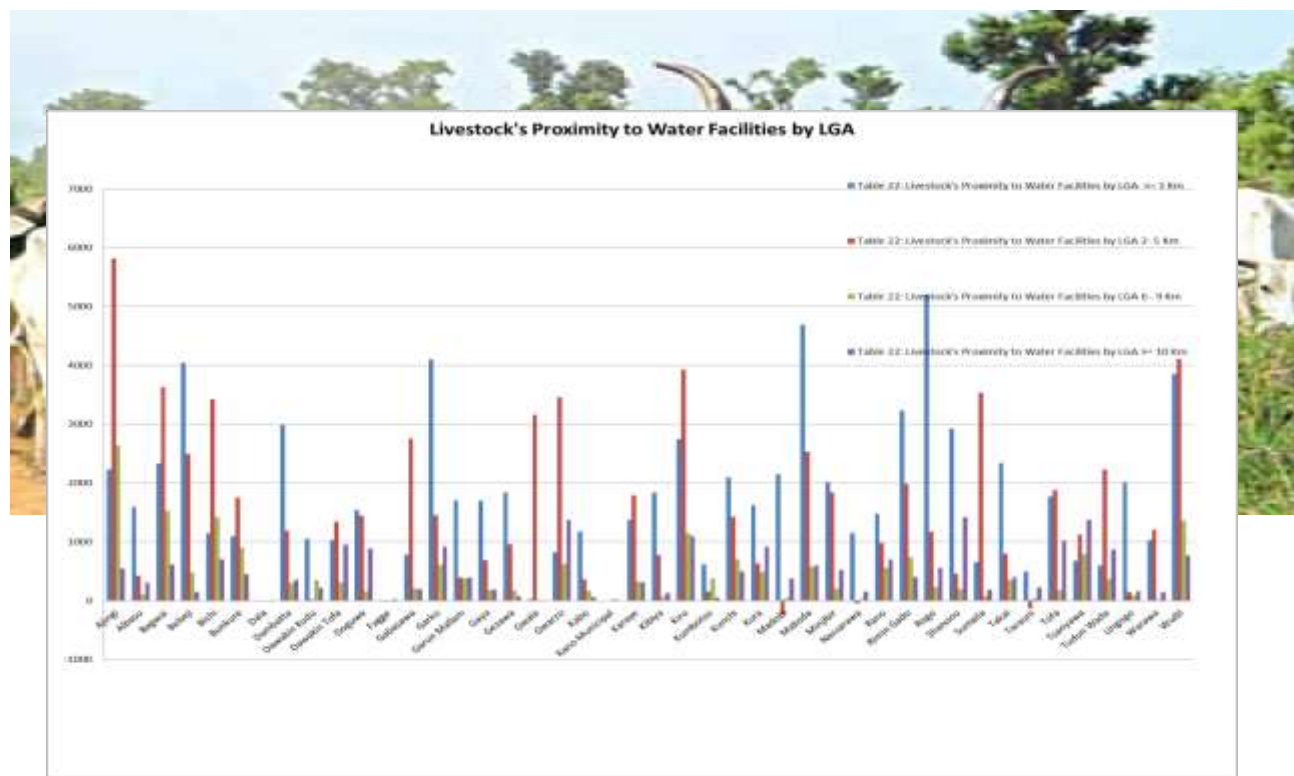
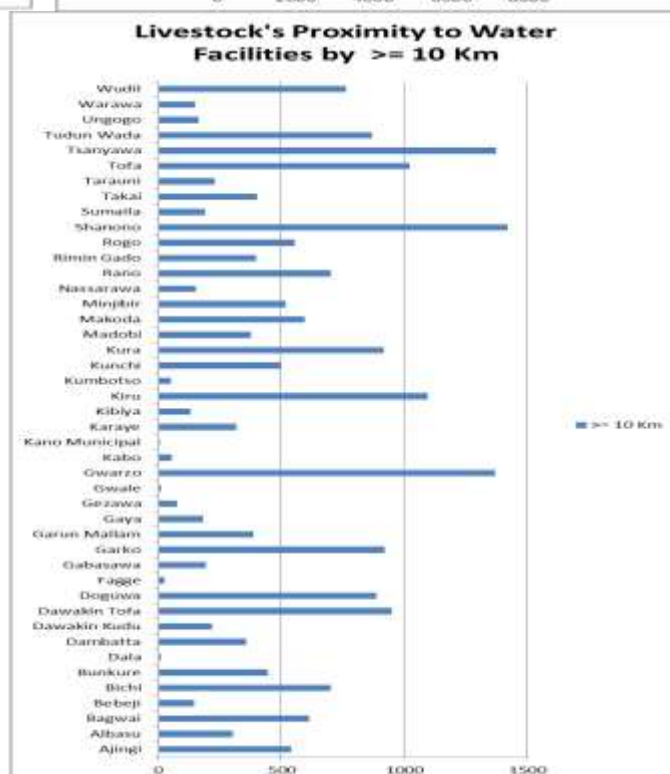
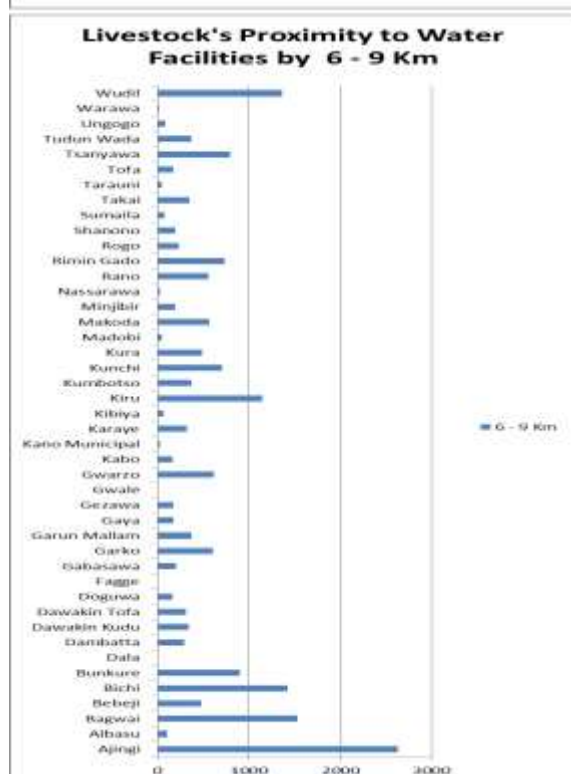
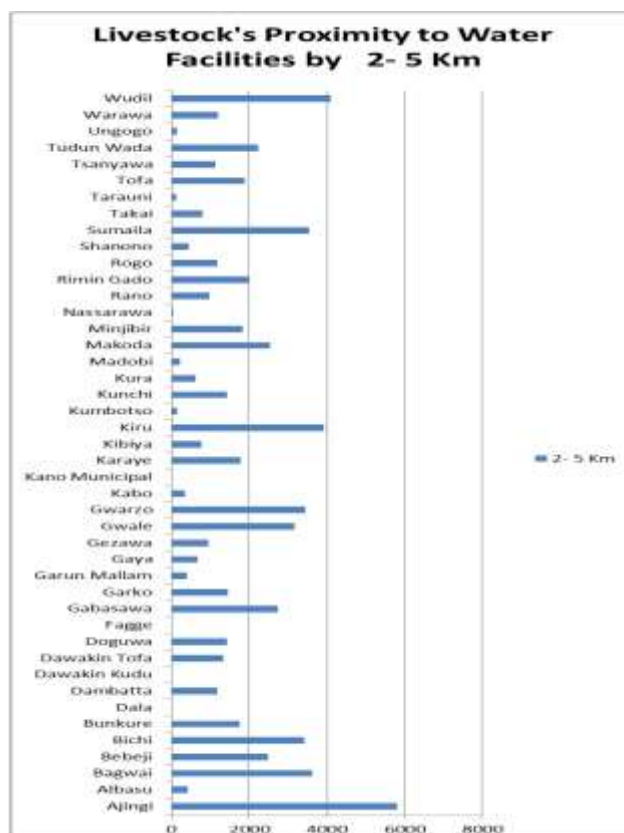
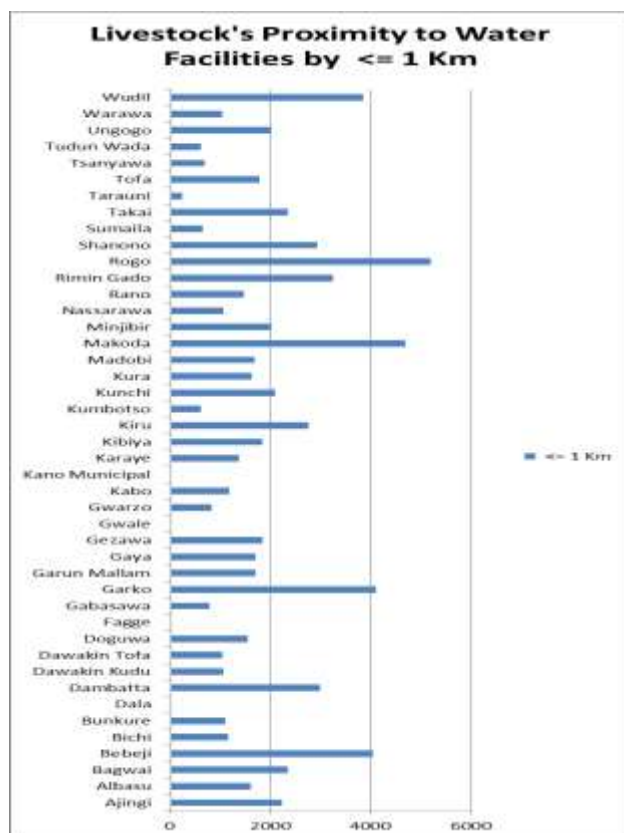


TABLE 22: LIVESTOCK'S PROXIMITY TO WATER FACILITIES BY LGA				
LGA Name	<= 1 Km	2- 5 Km	6 - 9 Km	>= 10 Km
Ajingi	2228	5820	2632	540
Albasu	1592	424	108	304
Bagwai	2336	3632	1532	612
Bebeji	4040	2496	480	144
Bichi	1144	3420	1420	700
Bunkure	1092	1752	900	444
Dala	0	0	0	12
Dambatta	2988	1188	296	356
Dawakin Kudu	1056	16	344	220
Dawakin Tofa	1028	1336	316	948
Doguwa	1540	1444	164	888
Fagge	12	12	8	0
Gabasawa	784	2752	208	192
Garko	4096	1452	608	920
Garun Mallam	1704	388	376	388
Gaya	1696	688	176	184
Gezawa	1836	960	172	76
Gwale	24	3160	4	12
Gwarzo	820	3452	620	1368
Kabo	1168	360	168	56
Kano Municipal	0	0	32	8
Karaye	1372	1792	320	316
Kibiya	1840	772	64	132
Kiru	2748	3924	1148	1096
Kumbotso	612	152	372	52
Kunchi	2092	1424	704	496
Kura	1624	632	488	916
Madobi	1676	236	48	376
Makoda	4692	2536	572	596
Minjibir	2012	1840	200	520
Nassarawa	1060	44	28	152
Rano	1472	984	556	700
Rimin Gado	3232	1984	736	396
Rogo	5204	1168	236	556
Shanono	2924	452	196	1420
Sumaila	652	3536	80	188
Takai	2340	796	352	400
Tarauni	232	132	44	228
Tofa	1772	1876	180	1024

Tsanyawa	680	1120	792	1372
Tudun Wada	596	2228	368	868
Ungogo	2012	148	92	164
Warawa	1028	1200	20	148
Wudil	3852	4108	1364	764
Total Household Responses	76,908	67,836	19,524	21,252

Source: SBS, Kano





RECOMMENDATIONS

The state should consider enhancing the availability of source of water during herdsmen settlement plan for their domestic consumption and livestocking.

CONCLUSIONS

Availability of water source is the key component of settlement plan of the herdsmen which retard them from migration to another state

CHAPTER 6 : HEALTH

NARRATIONS

Considering the Geospatial dispersion of herdsmen's Rugage across the state and facts from the responses database indicated in-availability of health facilities and services required by herdsmen household on treatments of Malaria and Typhoid. More over Routine Immunizations services recorded inadequate coverage.

Percentage of access to health facilities is **56%** in relation to **85%** that preferred going to chemist.

(2-5)Km proximity to Health Services response has the highest score of **59.45%** positive responses out of 185,520 household heads responses.

OBSERVATIONS

The headcount exercise shows that 28.9% responses require Malaria treatment while 14.2% need treatment on Typhoid fever and they all respond partially to immunization service.

59.4% of herdsmen households are within (2 – 5)Km away from Health facilities.

Herdsmen preferred attending to chemist and clinics for their routine health services due to proximity than going to any Primary Health Centre due to distance.

**TABLE 23: HOUSEHOLD HEALTH SERVICES REQUIREMENTS BY LGA
(MULTI CHOICE RESPONSES)**

LGA Name	Malaria	Tuberculosis	Cholera	Maternity Services	Typhoid	High Blood	Diabetics	Kidney Services	Immunization Services
Ajingi	10656	420	3428	2536	4548	2156	400	392	6464
Albasu	2376	1556	1912	1884	1344	832	588	468	1044
Bagwai	7328	1396	1556	1508	2180	1816	1072	1056	2960
Bebeji	5896	948	2732	1136	3008	640	248	228	616
Bichi	6304	2572	2660	2780	2708	2048	1548	1620	1976
Bunkure	4036	1156	1888	1276	2428	820	712	696	1440
Dala	12	4	0	0	0	4	0	0	0
Dambatta	4652	380	372	2388	632	212	20	28	736
D/ Kudu	1380	716	1084	1096	968	492	484	480	1208
D/ Tofa	3552	8	212	532	292	48	12	16	2200
Doguwa	3816	2112	2500	2496	2556	1448	1472	1340	1120
Fagge	20	0	12	0	12	0	0	0	0
Gabasawa	3884	1096	1832	1116	1992	188	4	0	36
Garko	5588	4832	4360	4040	3996	3832	2492	2952	1284
G/ Mallam	2788	320	668	896	2024	284	256	268	844
Gaya	2688	96	1044	1496	1736	888	620	284	732
Gezawa	3008	64	1068	724	1004	104	44	44	100
Gwale	44	4	24	20	16	4	4	0	4
Gwarzo	5788	3736	5000	4148	3588	2300	2164	2008	2216
Kabo	1696	84	240	156	1332	64	12	0	184
K/ Municipal	36	0	8	8	28	16	0	0	12
Karaye	3724	640	1548	2048	1652	572	456	416	912
Kibiya	1468	340	1364	676	1052	268	248	288	1044
Kiru	8188	3004	5344	5536	3232	2088	836	888	5852
Kumbotso	908	132	184	160	772	132	92	116	256
Kunchi	4392	728	1092	1872	2760	1292	800	672	896
Kura	3620	780	796	2000	948	440	344	340	516
Madobi	2216	512	1284	1364	992	432	4	8	1424
Makoda	7892	484	788	1848	2800	784	640	616	1660
Minjibir	3752	516	1348	2016	1404	396	92	116	1268
Nassarawa	1280	32	36	36	880	36	20	20	24
Rano	3508	168	1900	1420	2664	92	56	68	1172
R/Gado	5968	1132	3028	2132	3268	1240	460	540	1424

Rogo	7136	364	2412	2156	4840	84	4	12	1208
Shanono	4440	828	2908	2176	3400	1868	1432	684	568
Sumaila	4436	140	4052	1240	996	104	32	24	3640
Takai	3808	404	2480	2104	1140	284	176	352	228
Tarauni	508	68	104	188	132	88	48	40	124
Tofa	4112	16	636	1232	740	12	8	8	576
Tsanyawa	3408	828	1496	1988	2504	1564	960	728	892
T/Wada	4596	3384	3400	4320	4452	3344	3324	3364	4440
Ungogo	2344	276	800	980	604	192	136	184	120
Warawa	2340	928	2240	916	1408	116	68	72	324
Wudil	8308	3276	3680	3216	3248	3212	2764	1920	4168
Total	167,900	40,480	75,520	71,860	82,280	36,836	25,152	23,356	57,912

Source: SBS, Kano

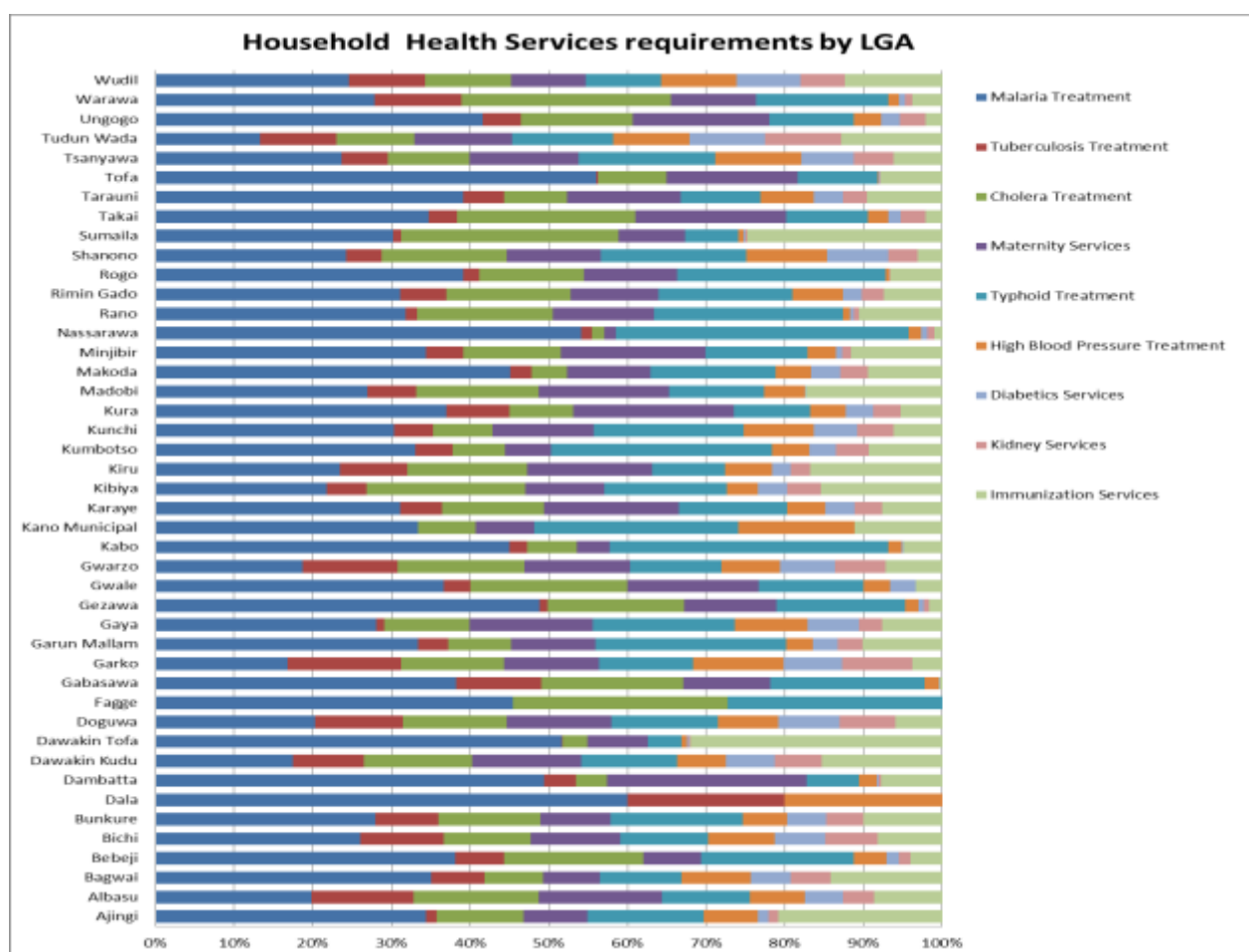


TABLE 24: AVAILABILITY OF HEALTH FACILITIES / HEALTH SERVICES BY LGA

LGA Name	Do you have access to Health Facility?	
	Yes	No
Ajingi	6080	5140
Albasu	332	2096
Bagwai	3416	4696
Bebeji	3508	3652
Bichi	3544	3140
Bunkure	2724	1464
Dala	0	12
Dambatta	2568	2260
Dawakin Kudu	928	708
Dawakin Tofa	952	2676
Doguwa	1564	2472
Fagge	20	12
Gabasawa	1356	2580
Garko	5244	1832
Garun Mallam	1296	1560
Gaya	2212	532
Gezawa	2320	724
Gwale	36	3164
Gwarzo	3108	3152
Kabo	128	1624
Kano Municipal	36	4
Karaye	1472	2328
Kibiya	460	2348
Kiru	1644	7272
Kumbotso	404	784
Kunchi	2056	2660
Kura	936	2724
Madobi	860	1476
Makoda	4604	3792
Minjibir	1688	2884
Nassarawa	480	804
Rano	980	2732
Rimin Gado	2892	3456
Rogo	2444	4720
Shanono	2900	2092
Sumaila	2164	2292
Takai	536	3352

Tarauni	376	260
Tofa	3668	1184
Tsanyawa	1268	2696
Tudun Wada	2220	1840
Ungogo	1992	424
Warawa	548	1848
Wudil	4664	5424
Total	82,628	102,892

Source: SBS, Kano

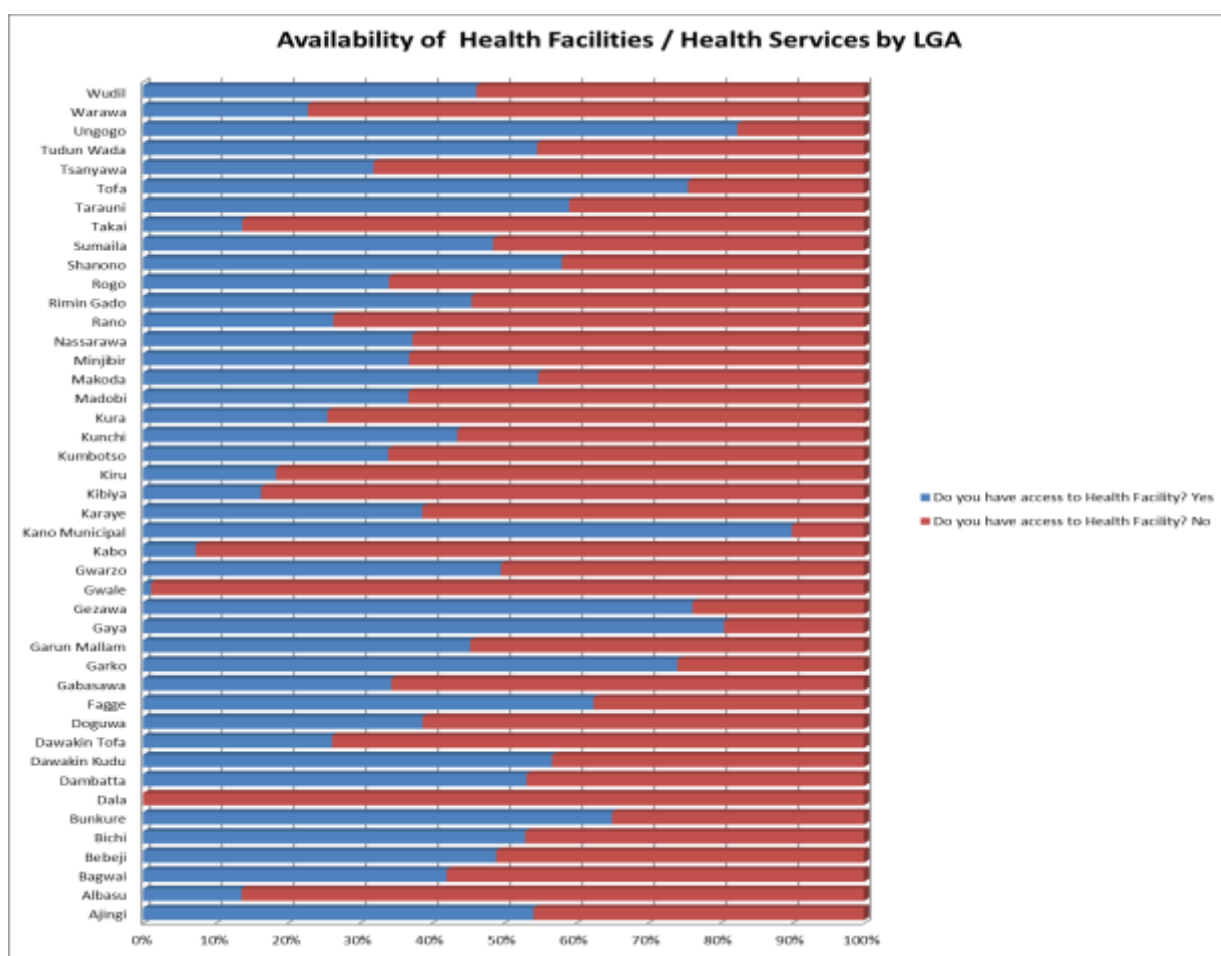


TABLE 25: HOUSEHOLDS' PREFERRED HEALTH FACILITY BY TYPE AND LGA (MULTI CHOICE RESPONSES)

LGA Name	Chemist	Health Post	Clinic	PHC/SHC/THC	General Hospital
Ajingi	8404	2716	3092	484	228
Albasu	2160	256	112	48	268
Bagwai	5312	988	4148	900	1872
Bebeji	5780	88	152	1668	2244
Bichi	4596	1528	2464	1796	768
Bunkure	3112	140	292	1980	140
Dala	12	0	0	0	0
Dambatta	2772	468	312	1140	476
D/ Kudu	996	52	136	64	516
D/Tofa	2280	676	228	144	2052
Doguwa	3576	1028	676	668	684
Fagge	20	8	8	8	12
Gabasawa	2700	1516	560	2140	252
Garko	3072	2016	4288	56	88
G/Mallam	2400	404	852	672	40
Gaya	1644	616	760	1392	1004
Gezawa	1336	760	628	392	228
Gwale	16	16	20	0	0
Gwarzo	5012	2444	1036	1808	2512
Kabo	1192	96	536	112	596
K/Municipal	24	20	16	8	4
Karaye	3212	600	28	72	600
Kibiya	1860	380	508	572	468
Kiru	7124	288	1636	2032	160
Kumbotso	764	88	8	12	768
Kunchi	3456	340	624	1648	388
Kura	2812	12	244	1192	452
Madobi	2228	596	620	272	348
Makoda	4444	1724	2740	2252	1020
Minjibir	3732	848	616	404	360
Nassarawa	776	272	240	416	768
Rano	2964	180	156	1252	692
Rimin Gado	3500	996	2420	1736	724
Rogo	4176	56	2188	1496	2284
Shanono	3080	912	924	1120	1488
Sumaila	4052	652	876	28	204

Takai	3340	612	72	216	416
Tarauni	328	60	204	48	288
Tofa	3656	2536	684	472	64
Tsanyawa	2860	172	184	1076	508
T/Wada	3416	492	1152	2392	1824
Ungogo	456	40	628	1484	708
Warawa	1692	224	256	344	852
Wudil	6268	1988	3932	392	1912
Total	126,612	29,904	41,256	36,408	31,280

Source: SBS, Kano

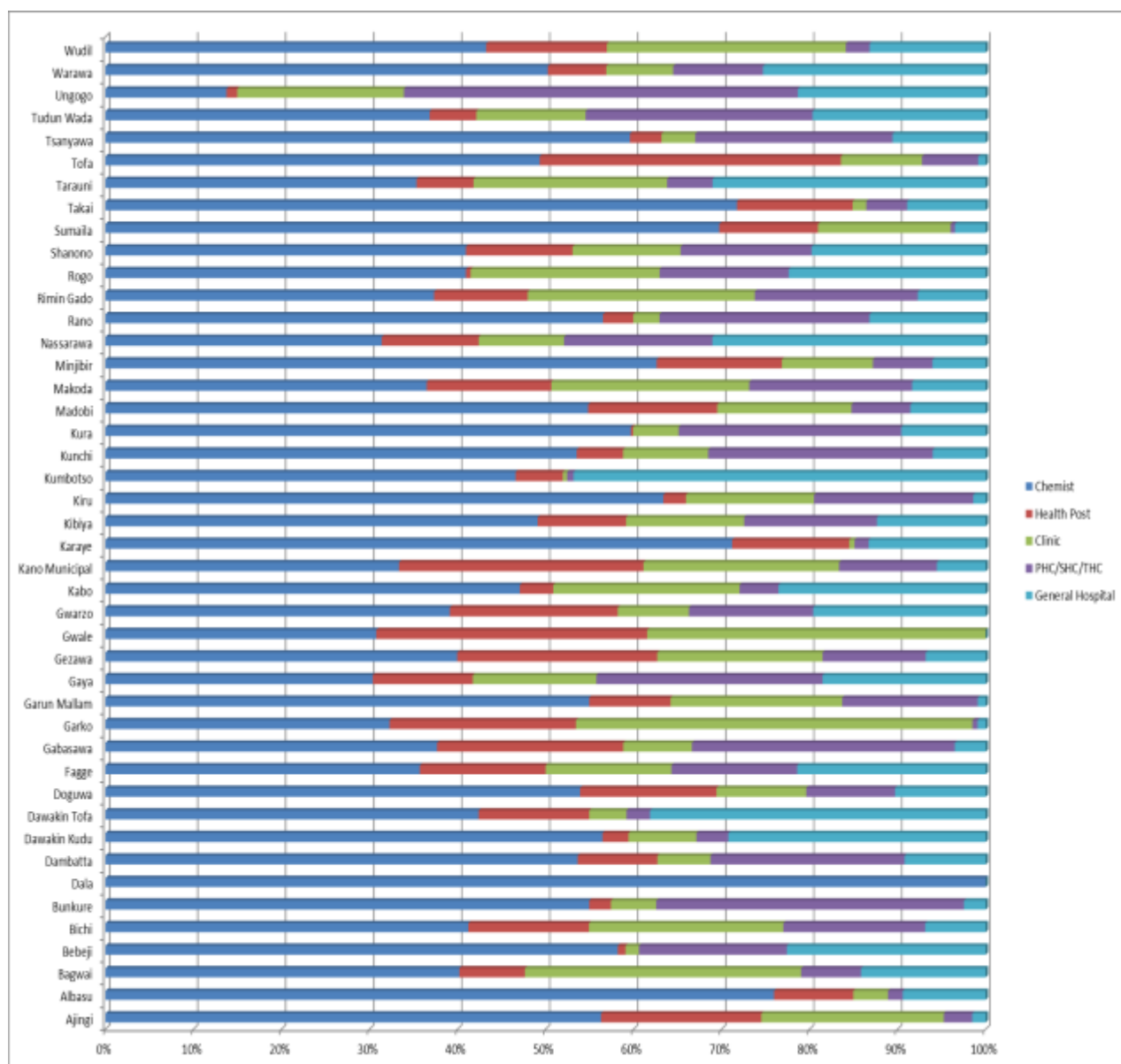
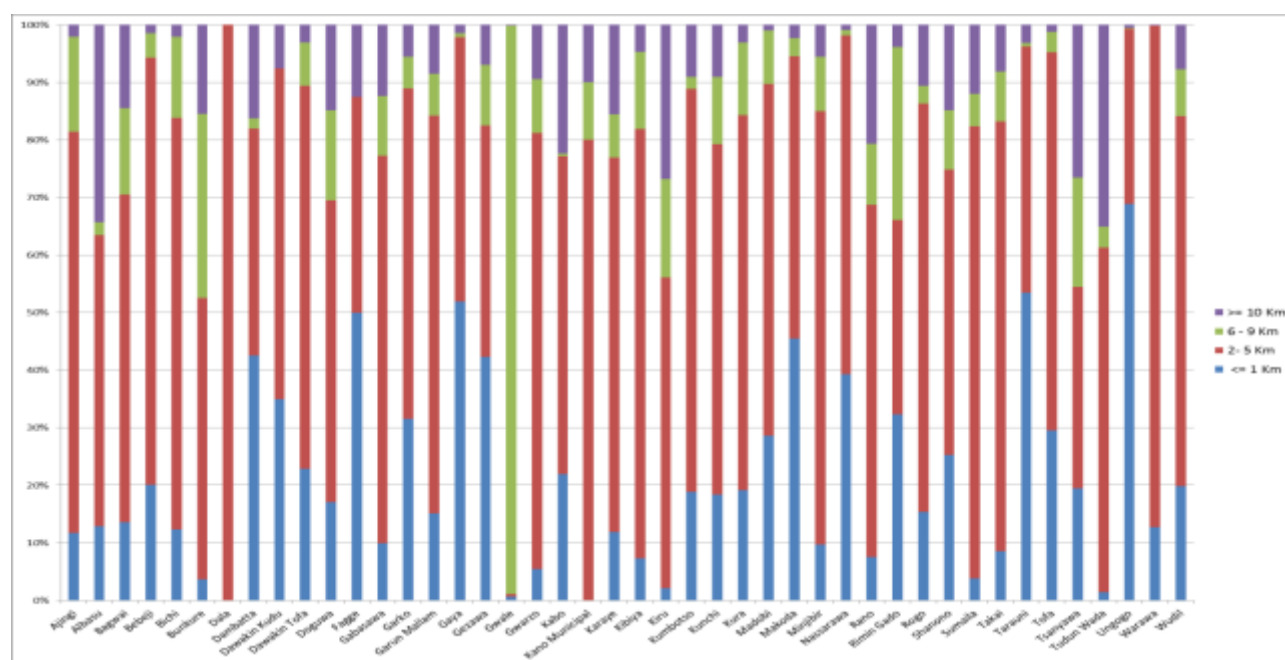


TABLE 26: PROXIMITY TO HEALTH FACILITIES BY LGA				
LGA Name	<= 1 Km	2- 5 Km	6 - 9 Km	>= 10 Km
Ajingi	1316	7816	1856	232
Albasu	312	1228	56	832
Bagwai	1100	4616	1220	1176
Bebeji	1436	5312	308	104
Bichi	824	4776	944	140
Bunkure	152	2048	1340	648
Dala	0	12	0	0
Dambatta	2052	1904	88	784
Dawakin Kudu	572	940	0	124
Dawakin Tofa	828	2416	272	112
Doguwa	688	2116	632	600
Fagge	16	12	0	4
Gabasawa	392	2648	408	488
Garko	2232	4060	388	396
Garun Mallam	432	1972	208	244
Gaya	1424	1260	20	40
Gezawa	1288	1224	320	212
Gwale	20	16	3160	4
Gwarzo	340	4740	588	592
Kabo	384	968	8	392
Kano Municipal	0	32	4	4
Karaye	452	2472	284	592
Kibiya	204	2096	376	132
Kiru	188	4816	1520	2392
Kumbotso	224	832	24	108
Kunchi	868	2868	552	428
Kura	700	2384	464	112
Madobi	668	1428	216	24
Makoda	3820	4116	268	192
Minjibir	444	3440	432	256
Nassarawa	504	756	12	12
Rano	280	2272	392	768
Rimin Gado	2052	2144	1908	244
Rogo	1100	5080	224	760
Shanono	1260	2476	516	740
Sumaila	168	3500	252	536
Takai	332	2904	336	316
Tarauni	340	272	4	20
Tofa	1432	3188	172	60

Tsanyawa	772	1388	752	1052
Tudun Wada	56	2432	148	1424
Ungogo	1664	736	4	12
Warawa	304	2088	0	4
Wudil	2000	6484	820	784
Total	35,640	110,288	21,496	18,096

Source: SBS, Kano



RECOMMENDATIONS

- The treatment of Typhoid and Malaria should be prioritized as well as enhancing routine immunizations services to the herdsman Households.
- Government should intensify malaria eradication program objectives to herdsman communities.
- Similarly, accessible health infrastructure and Health workers should be provided to health facilities of the herdsman communities.

CONCLUSIONS

Government should consider establishing comprehensive health facilities at both Macro and Micro grazing areas.

The Government should intensify awareness and enlightenment campaign on preventable disease and Routine Immunization.

CHAPTER 7 : ECONOMY

NARRATIONS

Kano being the commercial and investment hub of Northern Nigeria and third largest non- oil & gas economy in Nigeria, The Kano economy is driven largely by commerce, manufacturing and subsistence agriculture- as the dominant activity, Kano provided the bulk of Northern Nigeria's export products of groundnuts, cotton, hides and skins.

Nevertheless, Kano state (known as the second most populated state in Nigeria) has a nominal GDP estimates of =N=1,882,374.33million, =N=2,135,047.59million, =N=2,215,983.94million, =N=2,371,626.43 million, =N=2,974,429.10 million and =N= 3,249,639.69 million at current prices for 2013-2018 respectively. Moreover, a nominal growth rate of 9.23% between 2017 and 2018 was recorded, showing that the economy of the state is principally driven by industry and the service subsectors.

The trend can be sustained by strategizing in the Production of livestock and milk with the number of Herdsmen across the state in large. The reported number of average cows per Household is **8,768,520** from **774,560** total number of Household visited at an average of 45 Cows per Household and the number of lactating cows was 29.99% out of **8,768,520** cows across the state with an average of **53,172.34 liters** of milk per day that is **1 liter** per day per lactating cow at an average price of milk at **314 Naira** per liter.

However, the reported result indicted that the number of GIS Baseline Housing Units was **275,836** this implies that the population of Cows in Kano State is **275,836** multiplied by average of 45 cows per Housing Unit will be 12,412,620 Cows, therefore, the expected number of lactating will become 59.99%.

OBSERVATIONS

The lactating cows of 29.99% produced an average of **53,172.34 liters**liters of milk per day across the state, though the price of 1 liter of milk barriers across the 44 local Governments, however the average cost 1 liter of milk was 314 Naira.

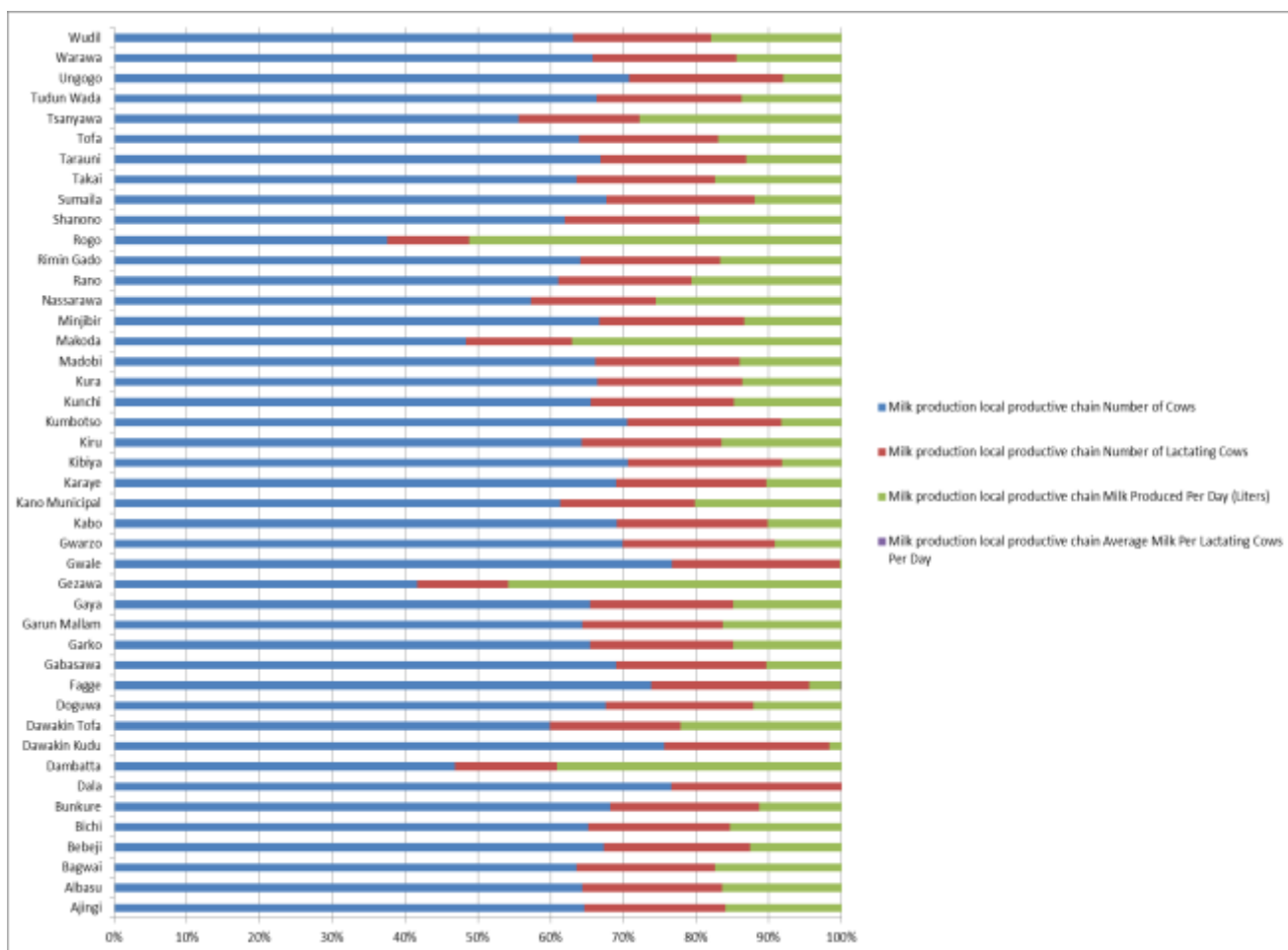
Table 28 represents responses of household on sales of milk. 67,708 of the respondent indicated that they take their milk to market for sale, while 52,996 responses reported sales at home and 64,816 of response sales both at market and at home.

Proximity to markets determined the quantity of milk sales, however, due to the fact Herdsmen household resides per away from the markets, majority have to travel from a minimum of 2km to 10km to the nearest market.

TABLE 27: COMMERCIAL MILK PRODUCTION PER LGA				
LGA Name	Milk production local productive chain			
	Number of Cows	Number of Lactating Cows	Milk Produced Per Day (Liters)	Average Milk Per Lactating Cows Per Day
Ajingi	796,160	238,846	196,571	1.1
Albasu	120,194	36,057	30,594	1.1
Bagwai	387,977	116,394	106,217	1.3
Bebeji	265,703	79,709	49,577	0.9
Bichi	370,874	111,263	87,109	1.1
Bunkure	239,251	71,777	39,549	0.9
Dala	600	183	0	0.0
Dambatta	146,017	43,806	122,051	4.0
Dawakin Kudu	631,040	189,314	14,251	0.1
Dawakin Tofa	107,160	32,149	39,629	1.7
Doguwa	194,509	58,354	34,926	0.9
Fagge	291	86	17	0.3
Gabasawa	249,057	74,720	37,257	0.7
Garko	85,194	25,560	19,451	1.1
Garun Mallam	122,714	36,817	31,103	1.1
Gaya	139,497	41,851	31,777	1.1
Gezawa	148,909	44,674	163,543	5.3

Gwale	39,577	11,874	120	0.0
Gwarzo	410,063	123,017	53,680	0.6
Kabo	82,274	24,680	12,091	0.7
Kano Municipal	3,914	1,177	1,286	1.6
Karaye	178,589	53,577	26,686	0.7
Kibiya	139,789	41,937	16,200	0.6
Kiru	493,200	147,960	126,423	1.3
Kumbotso	62,440	18,731	7,371	0.6
Kunchi	141,971	42,594	32,114	1.1
Kura	324,429	97,331	66,766	1.0
Madobi	97,760	29,326	20,709	1.0
Makoda	98,811	29,646	75,760	3.7
Minjibir	192,789	57,834	38,617	1.0
Nassarawa	45,766	13,731	20,377	2.1
Rano	150,737	45,223	50,863	1.6
Rimin Gado	224,320	67,297	58,566	1.3
Rogo	197,954	59,389	269,663	6.4
Shanono	179,463	53,840	56,537	1.6
Sumaila	311,977	93,594	55,251	0.9
Takai	172,440	51,731	47,171	1.3
Tarauni	27,360	8,206	5,354	1.0
Tofa	168,223	50,469	44,594	1.3
Tsanyawa	132,246	39,674	65,960	2.4
Tudun Wada	270,851	81,257	56,229	1.0
Ungogo	207,166	62,149	23,457	0.6
Warawa	191,743	57,526	42,223	1.0
Wudil	217,520	65,257	61,891	1.3
Total	8,768,520	2,630,589	2,339,583	1

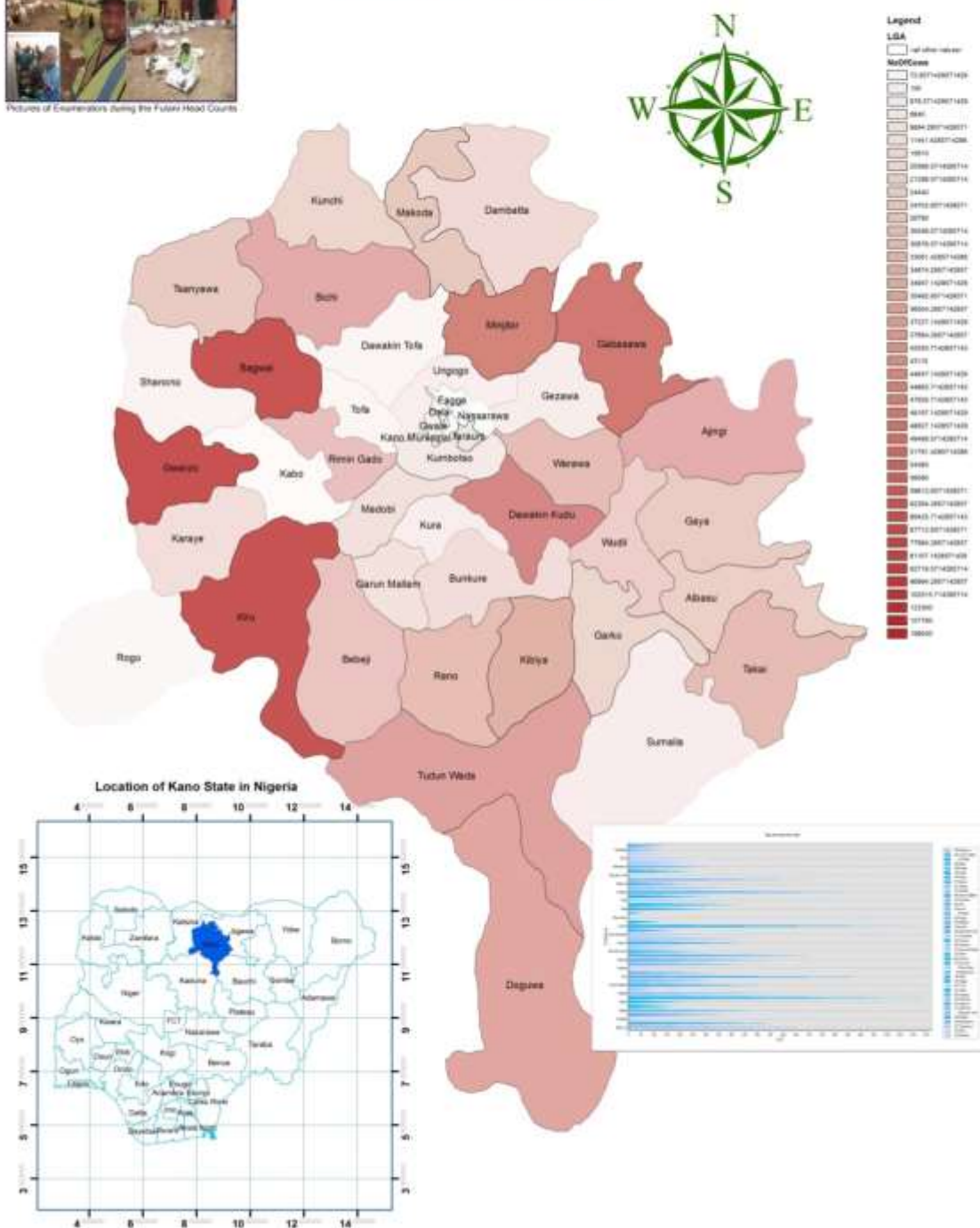
Source: SBS, Kano



No of Cows by LGA
Saturday, August 28, 2021



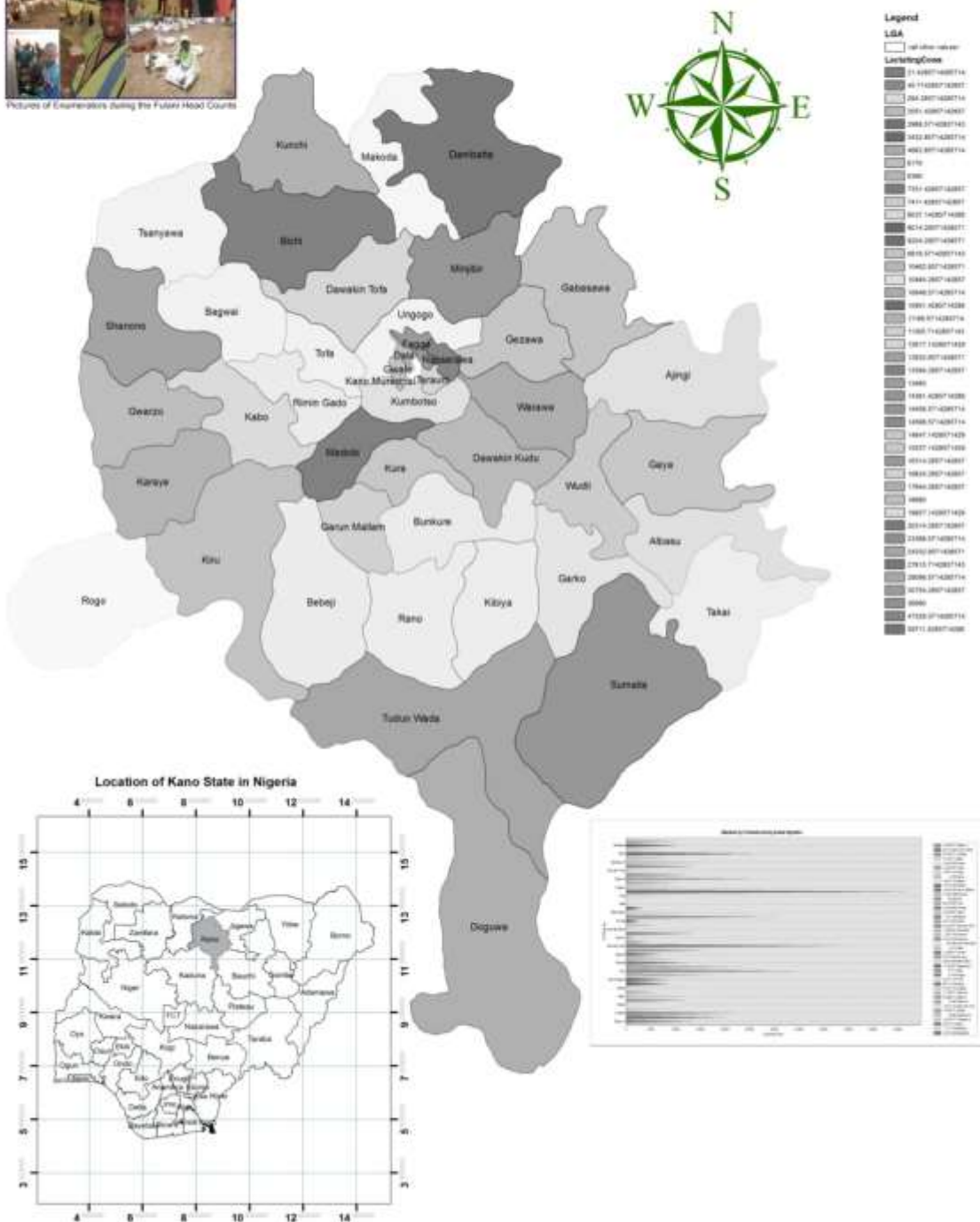
Deputies of Esquimaux, Before the Federal Court



No of Lactating Cows by LGA
Saturday, August 28, 2021



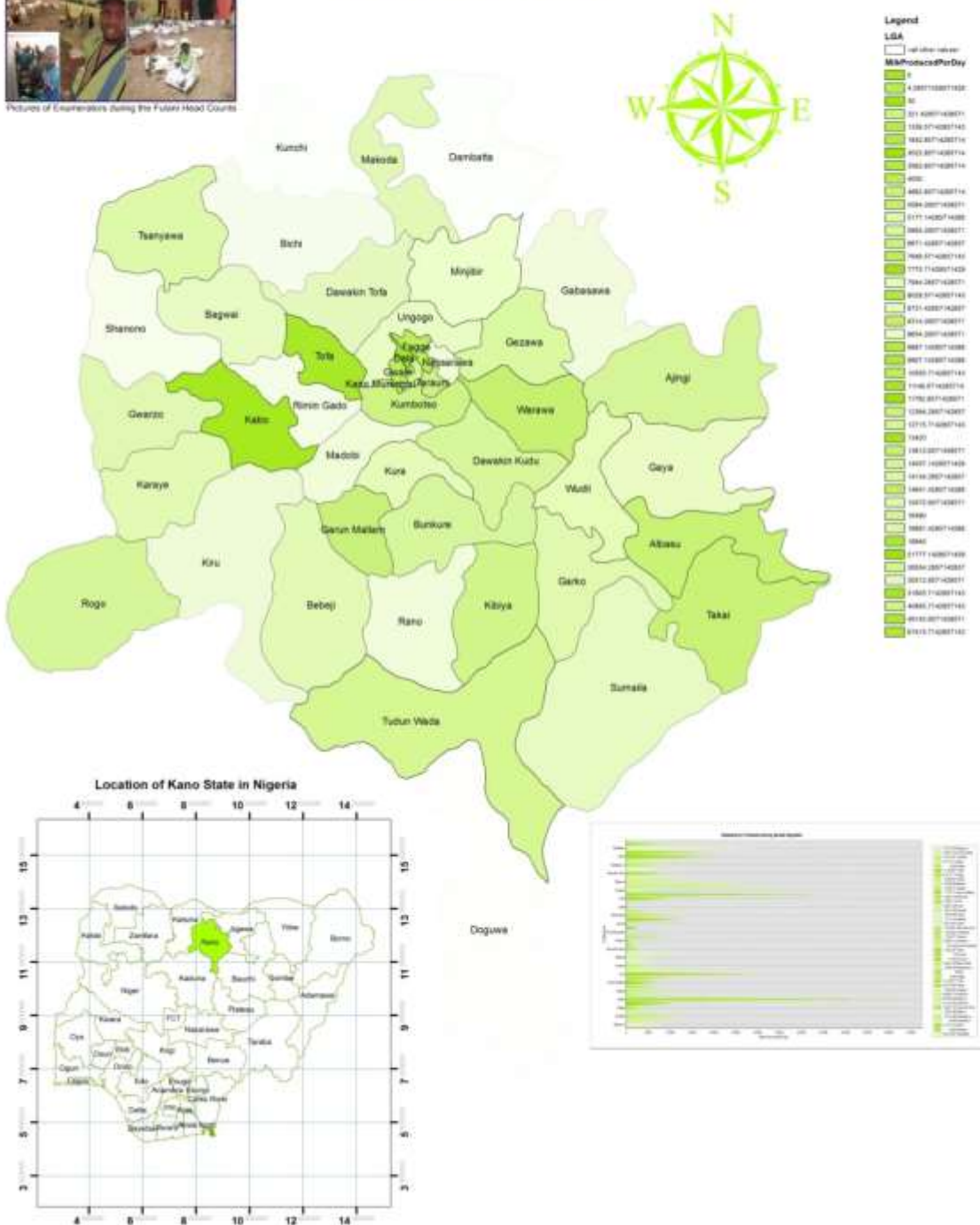
Deputies of *Eleutheria* found the Exalted Order Court



No of Milk produced per day in Liters
Saturday, August 28, 2021



Debates of Environmental Justice in the Federal Model Courts





Saturday, August 28, 2021

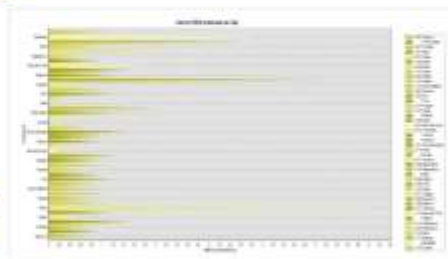


TABLE 28: HOUSEHOLD COMMERCIAL MILK SALES DISTRIBUTION BETWEEN HOME & MARKET

LGA Name	No. of Milk sales by location		
	At Market	At Home	Both
Ajingi	4660	1336	5224
Albasu	660	1436	332
Bagwai	2972	2096	3044
Bebeji	1136	5544	480
Bichi	2240	2404	2040
Bunkure	1380	2168	640
Dala	12	0	0
Dambatta	1688	680	2460
Dawakin Kudu	844	316	476
Dawakin Tofa	2540	932	156
Doguwa	2352	792	892
Fagge	32	0	0
Gabasawa	1076	440	2420
Garko	1552	640	4884
Garun Mallam	2096	500	260
Gaya	1140	456	1148
Gezawa	764	796	1484
Gwale	16	2340	844
Gwarzo	2028	0	4232
Kabo	944	240	568
Kano Municipal	28	4	8
Karaye	1108	1832	860
Kibiya	1292	1116	400
Kiru	4024	2244	2648
Kumbotso	512	144	532
Kunchi	1436	988	2292
Kura	2164	1432	64
Madobi	1448	844	44
Makoda	864	548	6984
Minjibir	1580	1180	1812
Nassarawa	336	880	68
Rano	1396	1476	840
Rimin Gado	1520	1476	3352
Rogo	2052	1456	3656
Shanono	2560	1840	592
Sumaila	4016	296	144
Takai	1228	2224	436

Tarauni	432	64	140
Tofa	2772	960	1120
Tsanyawa	1072	1504	1388
Tudun Wada	2400	1276	384
Ungogo	584	944	888
Warawa	796	1200	400
Wudil	1956	3952	4180
Total	67,708	52,996	64,816

Source: SBS, Kano

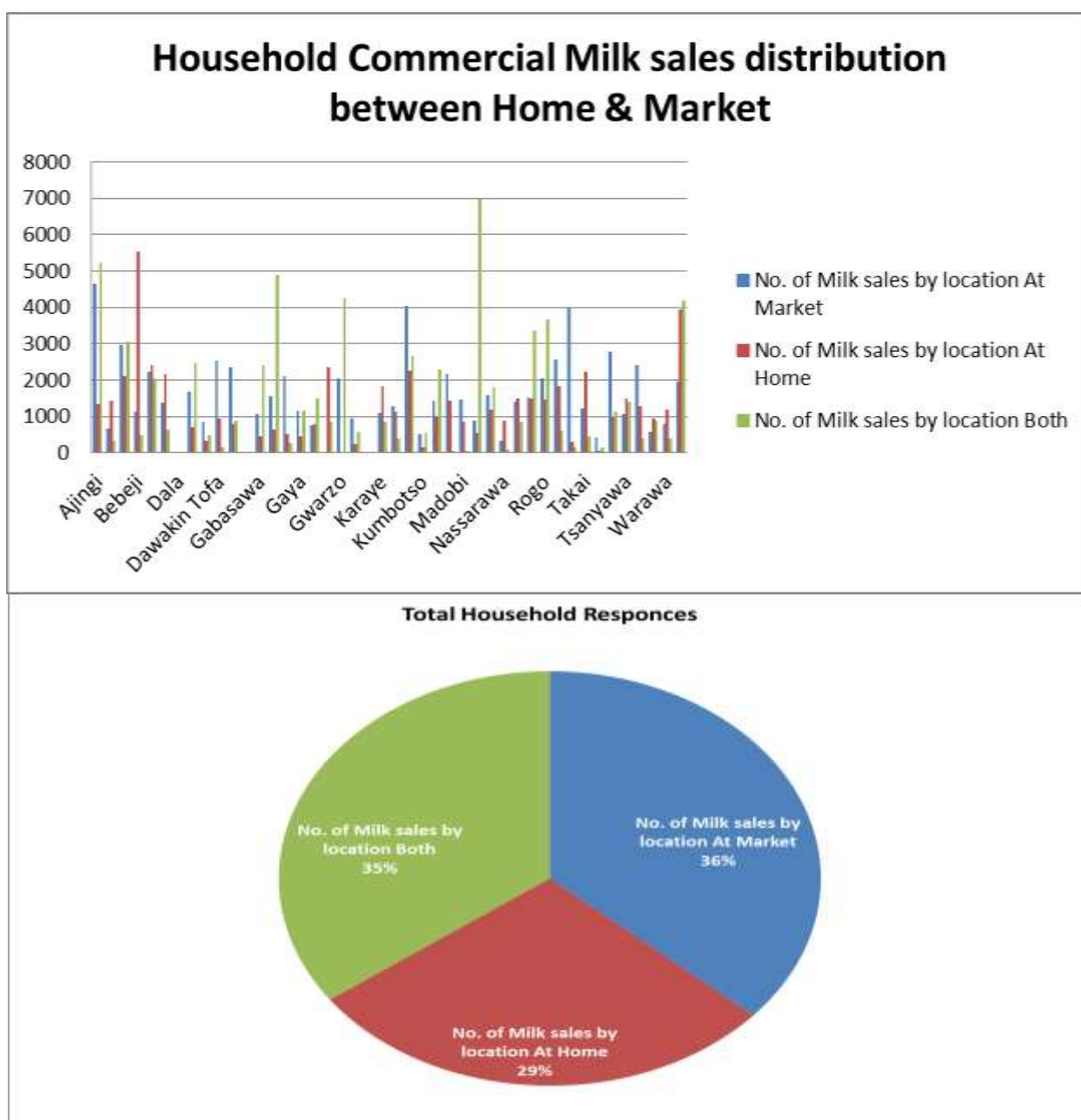


TABLE 29: AVERAGE MILK PRICES PER LITER BY LGA	
LGA Name	Price per Liter (N)
Ajingi	265
Albasu	393
Bagwai	360
Bebeji	405
Bichi	380
Bunkure	353
Dala	500
Dambatta	173
Dawakin Kudu	246
Dawakin Tofa	353
Doguwa	273
Fagge	450
Gabasawa	260
Garko	154
Garun Mallam	301
Gaya	308
Gezawa	289
Gwale	450
Gwarzo	327
Kabo	208
Kano Municipal	500
Karaye	303
Kibiya	318
Kiru	273
Kumbotso	210
Kunchi	234
Kura	269
Madobi	414
Makoda	117
Minjibir	303
Nassarawa	287
Rano	256
Rimin Gado	286
Rogo	225
Shanono	387
Sumaila	389
Takai	323
Tarauni	196
Tofa	399

Tsanyawa	372
Tudun Wada	434
Ungogo	267
Warawa	318
Wudil	308
Cumulative Average	314

Source: SBS, Kano

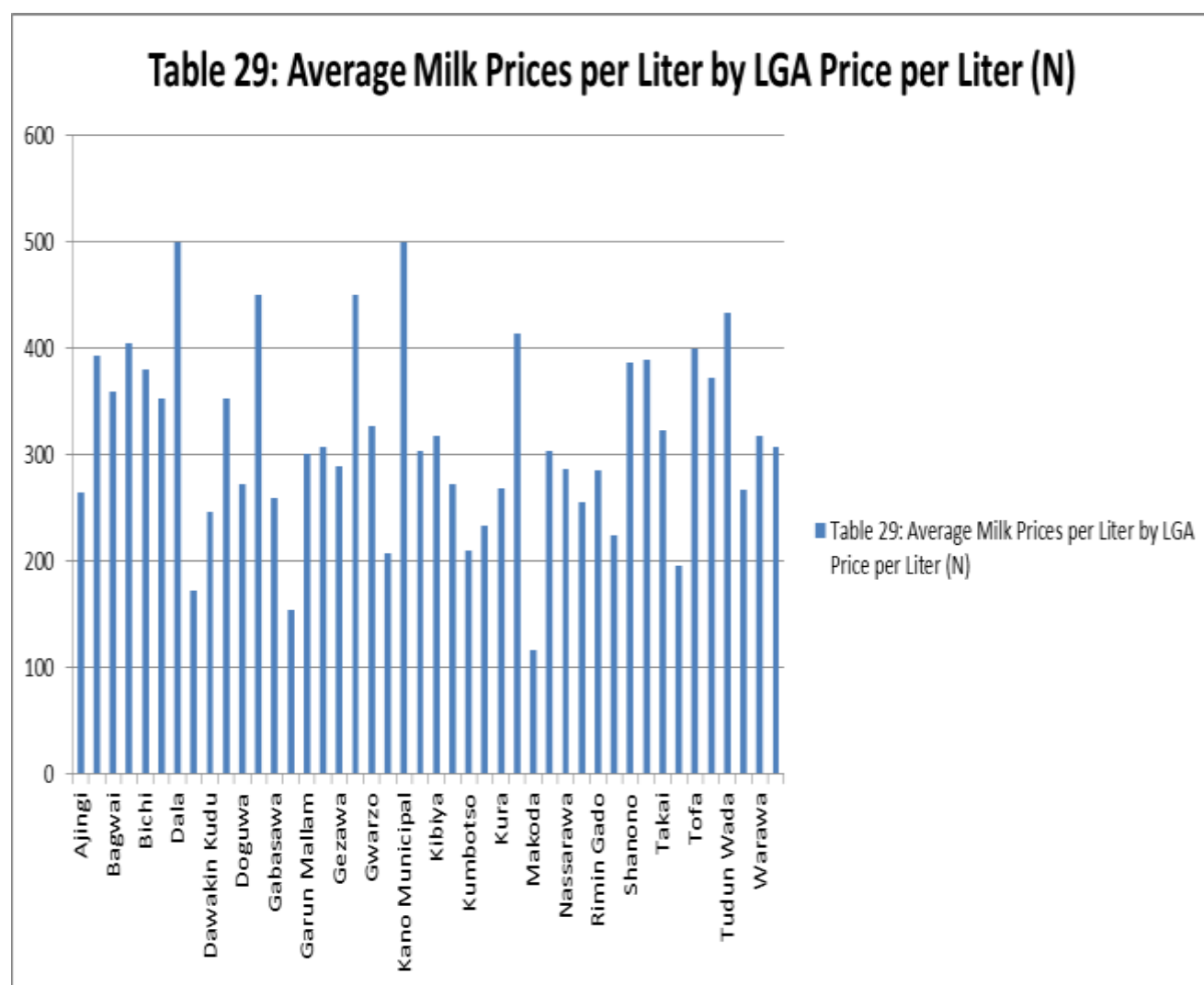
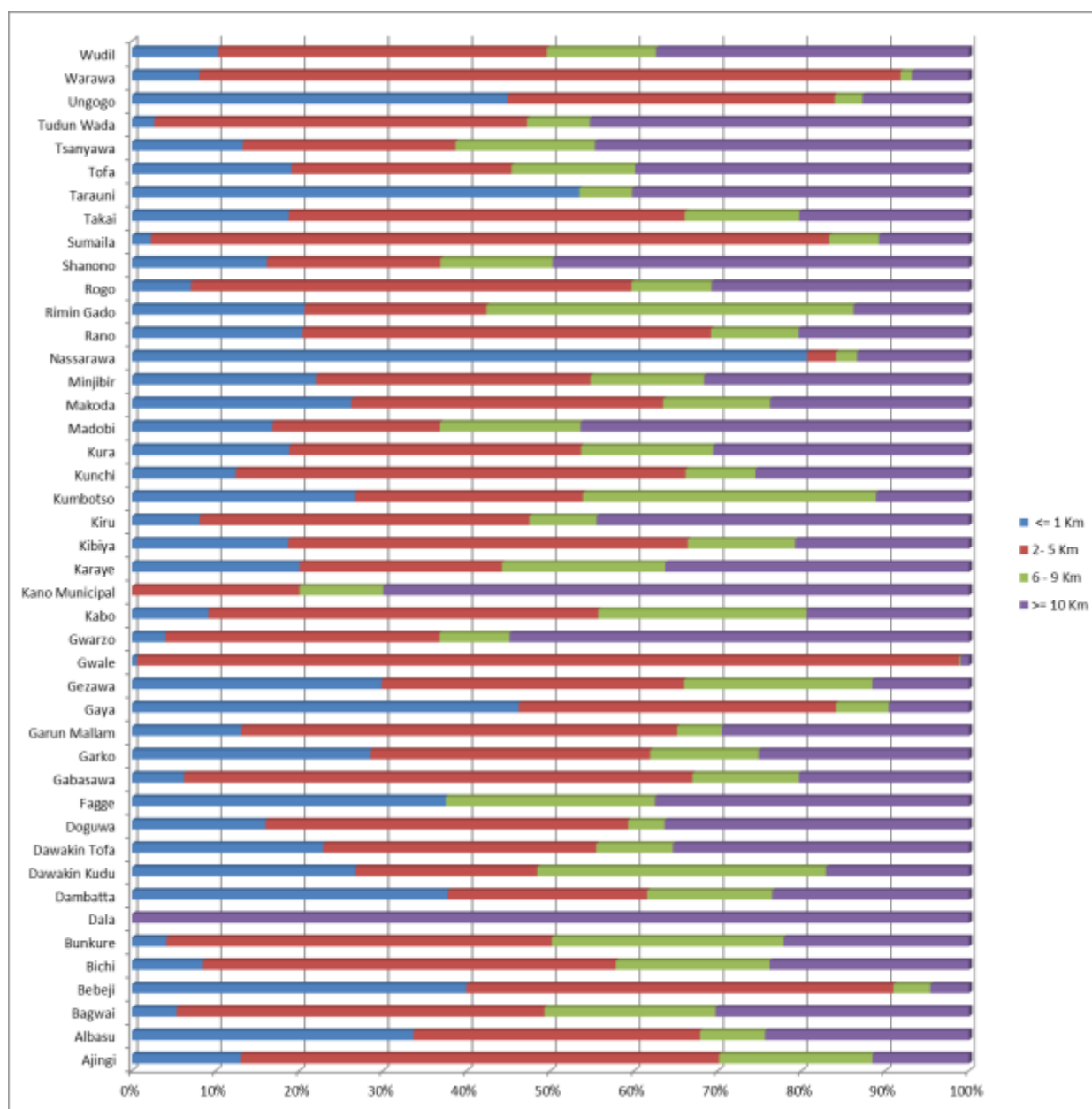


TABLE 30 : PROXIMITY TO THE NEAREST MARKET BY LGA				
LGAName	<= 1 Km	2- 5 Km	6 - 9 Km	>= 10 Km
Ajingi	1456	6412	2056	1296
Albasu	816	832	188	592
Bagwai	432	3564	1660	2456
Bebeji	2860	3652	316	332
Bichi	568	3296	1228	1592
Bunkure	172	1928	1160	928
Dala	0	0	0	12
Dambatta	1820	1152	720	1136
Dawakin Kudu	436	356	564	280
Dawakin Tofa	828	1184	332	1284
Doguwa	644	1748	176	1468
Fagge	12	0	8	12
Gabasawa	244	2392	500	800
Garko	2016	2364	916	1780
Garun Mallam	372	1488	152	844
Gaya	1268	1040	172	264
Gezawa	908	1100	684	352
Gwale	20	3144	4	32
Gwarzo	252	2048	524	3436
Kabo	160	816	436	340
Kano Municipal	0	8	4	28
Karaye	760	920	740	1380
Kibiya	524	1340	360	584
Kiru	720	3512	716	3968
Kumbotso	316	324	416	132
Kunchi	584	2536	392	1204
Kura	688	1276	576	1120
Madobi	392	468	392	1084
Makoda	2200	3128	1072	1996
Minjibir	1004	1500	620	1448
Nassarawa	1036	44	32	172
Rano	756	1812	388	756
Rimin Gado	1308	1380	2784	876
Rogo	504	3772	684	2204
Shanono	804	1036	668	2484
Sumaila	100	3612	264	480
Takai	728	1840	532	788
Tarauni	340	0	40	256
Tofa	924	1276	716	1936

Tsanyawa	524	1008	660	1772
Tudun Wada	108	1808	304	1840
Ungogo	1084	944	80	308
Warawa	192	2008	32	164
Wudil	1036	3964	1316	3772
Total	31,916	78,032	25,584	49,988

Source: SBS, Kano



RECOMMENDATIONS

- Commercial large scale fodder production in partnership with private sector should be encouraged.
- Introduction of the crop residue utilization programme for production of animal feed.
- Provision of transport, cold storage and milk processing equipment for milk associations.
- Strengthening and enforcement of the inaugurated committee on the stock route demarcation.

CONCLUSIONS

The provision of grazing areas in a cluster of herdsmen concentrations will bring economic development to the locality not only at State level but Nigeria in general.

The development will as well expand the pastoral productions that may attract investors and micro economic activities. The grazing land will also improve quantity and quality of milk production due to availability of feeds, water and veterinary services and milk collection centers.

CHAPTER 8 : ENVIRONMENT, HOUSING & TRANSPORT

NARRATIONS

Herdsman practicing **Intensive** mode of animal management scheme owns the dwelling in the following order from **“Owned the Property”**, **“Property Rent”**, **“Unpaid Private Property”**, **“Unpaid Government Property”** and **“Free Opened Public Space”** are **85%, 1%, 5%, 1% and 7%** respectively, (See table 31 for more details)even though their housing units are mostly located in the rural areas of the state.(See table 32 for more details)

Nature of Herdsman means of transportation is mostly barefooted due to their mean of animals’ management and migration. The means of transportation collected responses in line from **“Bare Foot”**, **“Riding Animals”**, **“Public Car”**, **“Public Lorry”** and **“Private Lorry”**are in percentage**45.0%, 9.0%, 5.0%, 24.0%, 1.0% and 15.0%** respectively (see table 33).

Their kind of responses on type of Government Housing Intervention scheme required is mostly organized layouts of **Bare or Flat Land** in the following order from **“Plain Land”**, **“Low Costing Housing”**, **“Mortgage”** and **“Resettlement”**are in percentage**47.0%, 33%, 11.0% and 10.0%** respectively (See Table 34).

Rugage settlements to nearest major roads are mostly greater or equal 1Km, but proportion of their proximity to major roads in the following ranges from **“<= 1 Km”**, **“2- 5 Km”**, **“6 - 9 Km”** and **“>=10Km”** are**44.0%, 26.0%, 13.0% and 16.0%** respectively. (See table 35).

Herdsman indigenes of Kano State with relatives at distances over a long period of time wants their relatives back home with responses from **“Yes”**, **“No”** and **“Don’t know”**are in the following ratio of **0.900 : 0.003 : 0.097 respectively**. (See table 36). They also confirmed to the exercise that they are ready to adapt to the Kano State Government Rugage Housing scheme in the following responses of **“Ready”**, **“Not Ready”** and **“Don’tknow”**responsive ratio as**0.88 : 0.05 : 0.07 respectively**.

OBSERVATIONS

1. Herdsmen Practicing **Intensive** mode of animal management scheme owns the dwelling even though their housing units are mostly located in the rural areas of the state.
2. Nature of Herdsmen means of transportation is mostly Barefooted due to their mean of animals' management and migration.
3. Herdsmen prefer an organized open land layout without building but with necessary infrastructure in place.
4. They lack feeder roads that will connect them with nearest major road(s).
5. Large number of responses on returning herdsmen to the State is recorded; this mean population of herdsmen and their families will geometrically increase.

TABLE 31: DWELLING OWNERSHIP BY TYPE AND LGA

LGA Name	Owned the Property	Property Rent	Unpaid Private Property	Unpaid Government Property	Free Opened Public Space
Ajingi	10824	12	0	4	380
Albasu	2320	8	0	4	96
Bagwai	6280	812	856	24	140
Bebeji	6980	24	0	28	128
Bichi	5800	116	4	248	516
Bunkure	3776	12	64	56	280
Dala	12	0	0	0	0
Dambatta	4548	4	0	4	272
Dawakin Kudu	1400	0	0	8	228
Dawakin Tofa	1076	212	1040	196	1104
Doguwa	2848	368	4	16	800
Fagge	28	0	0	4	0
Gabasawa	3572	4	4	140	216
Garko	4772	4	1820	0	480
Garun Mallam	2100	76	24	164	492
Gaya	2716	4	0	0	24
Gezawa	1988	0	244	384	428
Gwale	3188	0	0	0	12
Gwarzo	5460	16	24	28	732

Kabo	1604	8	12	40	88
K/ Municipal	40	0	0	0	0
Karaye	3416	16	124	56	188
Kibiya	2640	20	48	4	96
Kiru	7640	308	128	24	816
Kumbotso	820	0	368	0	0
Kunchi	4360	20	24	100	212
Kura	2596	52	0	120	892
Madobi	1964	12	12	16	332
Makoda	8264	56	0	0	76
Minjibir	4500	4	0	8	60
Nassarawa	1152	100	20	12	0
Rano	3056	12	368	72	204
Rimin Gado	5288	8	4	444	604
Rogo	6796	28	0	0	340
Shanono	3812	4	276	8	892
Sumaila	4244	32	0	0	180
Takai	3580	4	0	8	296
Tarauni	520	88	16	12	0
Tofa	3744	4	0	136	968
Tsanyawa	3776	36	20	44	88
Tudun Wada	3240	24	4	40	752
Ungogo	2152	4	260	0	0
Warawa	2240	0	0	4	152
Wudil	6784	20	2908	32	344
Total	157,916	2,532	8,676	2,488	13,908

Source: SBS Kano

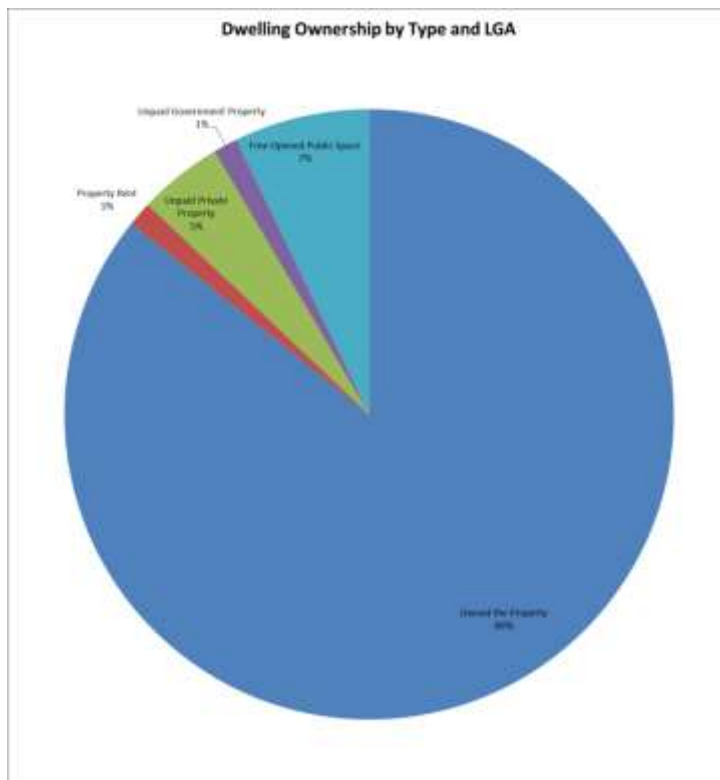
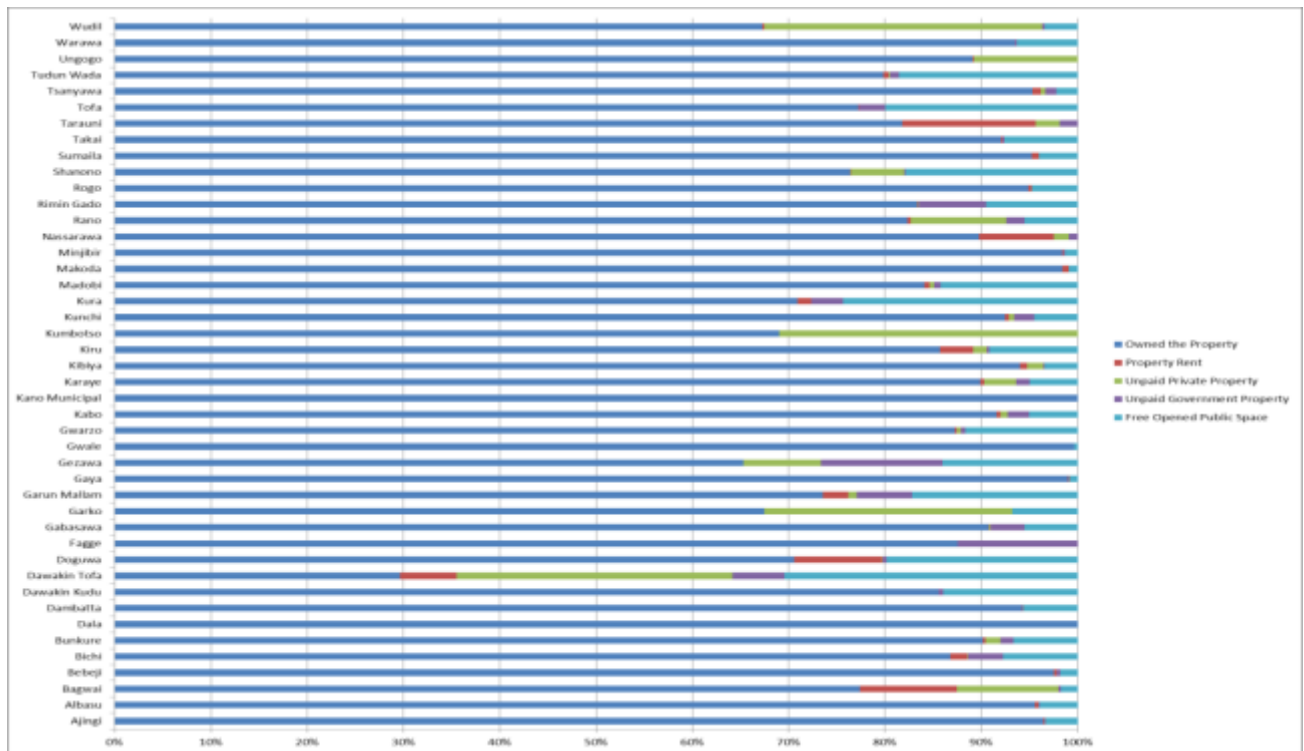


TABLE 32: DWELLING LOCATIONS BY COMMUNITY TYPE AND LGA			
LGA Name	Semi Urban	Urban	Rural
Ajingi	68	20	11132
Albasu	44	8	2376
Bagwai	1512	1344	5256
Bebeji	68	220	6872
Bichi	664	1128	4892
Bunkure	180	12	3996
Dala	0	0	12
Dambatta	156	844	3828
Dawakin Kudu	2152	188	-704
Dawakin Tofa	160	68	3400
Doguwa	4	52	3980
Fagge	0	12	20
Gabasawa	920	184	2832
Garko	12	92	6972
Garun Mallam	40	20	2796
Gaya	340	20	2384
Gezawa	104	32	2908
Gwale	0	0	3200
Gwarzo	532	104	5624
Kabo	184	144	1424
Kano Municipal	0	4	36
Karaye	28	528	3244
Kibiya	0	16	2792
Kiru	240	188	8488
Kumbotso	428	212	548
Kunchi	188	376	4152
Kura	224	112	3324
Madobi	728	92	1516
Makoda	604	112	7680
Minjibir	768	92	3712
Nassarawa	780	404	100
Rano	208	284	3220
Rimin Gado	300	164	5884
Rogo	148	56	6960
Shanono	1096	512	3384
Sumaila	16	80	4360
Takai	36	8	3844
Tarauni	4	476	156
Tofa	488	56	4308

Tsanyawa	160	400	3404
Tudun Wada	96	12	3952
Ungogo	664	156	1596
Warawa	128	0	2268
Wudil	3176	1996	4916
Total Household Responses	17,648	10,828	157,044

Source: SBS, Kano

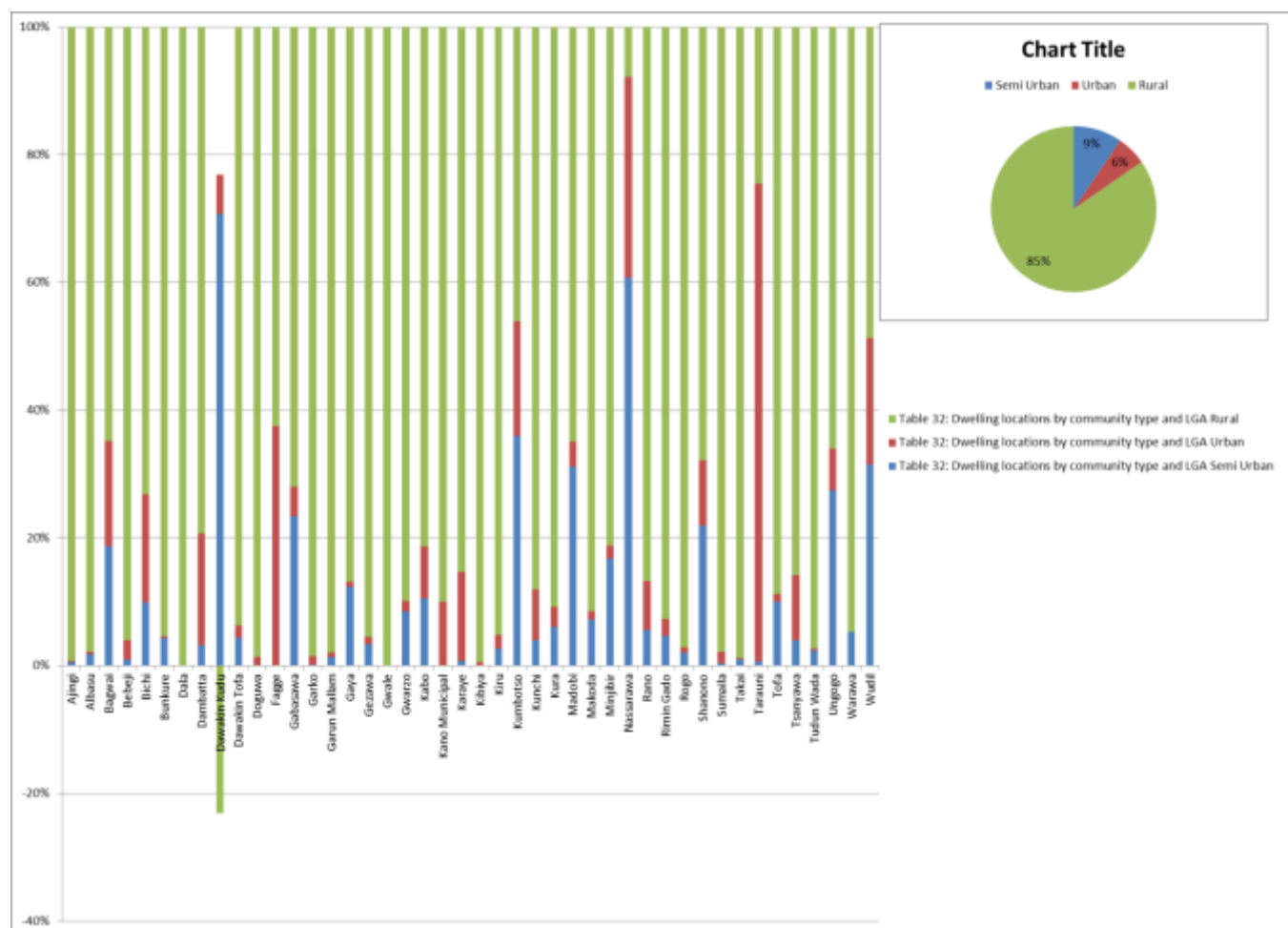


TABLE 33: HOUSEHOLD DOMESTIC MODE OF TRANSPORTATION (MULTI CHOICE RESPONSE)

LGA Name	Bare Foot	Riding Animals	Private Car	Public Transport	Public Lorry	Private Lorry
Ajingi	14112	5120	8368	13456	176	1504
Albasu	4704	320	288	1792	0	2848
Bagwai	13680	7424	48	8624	32	2112
Bebeji	9824	512	1216	9536	4800	4384
Bichi	15520	1440	112	1008	2944	1280
Bunkure	10640	496	96	4912	272	1472

Dala	48	32	0	0	0	48
Dambatta	5024	608	560	14512	32	416
Dawakin Kudu	944	496	0	1376	0	4144
Dawakin Tofa	6256	7216	0	2864	16	3040
Doguwa	5248	848	1520	2960	0	7792
Fagge	128	48	0	32	0	32
Gabasawa	13472	192	16	2160	32	128
Garko	19552	1056	304	4320	112	5200
Garun Mallam	5072	672	64	6384	0	1088
Gaya	2736	3840	0	3568	0	928
Gezawa	3248	112	3328	2816	16	2880
Gwale	224	32	0	0	0	0
Gwarzo	19040	1856	1360	192	48	6400
Kabo	1056	112	64	4560	0	1440
Kano Municipal	0	16	0	0	0	16
Karaye	8144	1824	112	672	208	4896
Kibiya	7824	656	80	2592	0	576
Kiru	18512	1008	320	8736	368	8816
Kumbotso	400	96	48	304	0	3520
Kunchi	8144	1568	1184	3072	1056	3760
Kura	9760	1632	144	7200	208	416
Madobi	6256	1168	144	1232	16	2384
Makoda	15840	1312	2992	7536	64	5456
Minjibir	11328	1280	240	2576	128	2768
Nassarawa	704	400	0	2496	0	2416
Rano	8320	528	288	2480	16	3920
Rimin Gado	15104	768	9200	128	48	1024
Rogo	12160	1440	3088	8016	0	5136
Shanono	14448	2384	416	4288	0	3440
Sumaila	4032	624	2976	9680	0	1552
Takai	5344	704	16	8368	0	2608
Tarauni	1136	448	16	1456	0	688
Tofa	9648	6880	1472	5296	32	880
Tsanyawa	8928	2624	1568	528	32	1392
Tudun Wada	7072	2112	48	6976	0	4416
Ungogo	2192	320	48	5456	0	2432
Warawa	624	368	16	6048	0	2752
Wudil	22976	7760	128	5088	16	4528
Total Household Responses.	349,424	70,352	41,888	185,296	10,672	116,928

Source: SBS, Kano

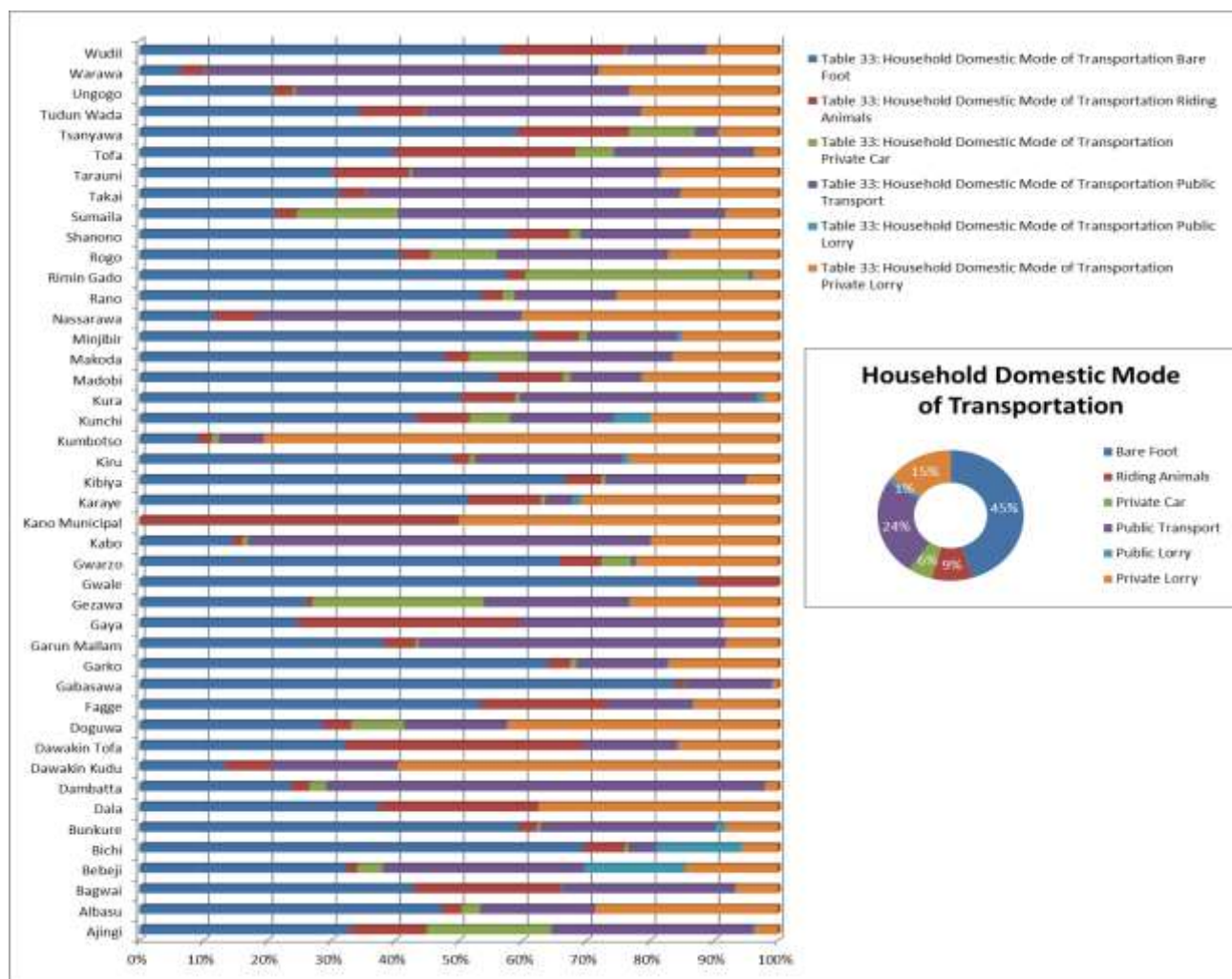


TABLE 34: HOUSING SUPPORT REQUIRED BY CATEGORY AND LGA (MULTI CHOICE RESPONSES)

LGAName	Plain Land	Low Costing Housing	Mortgage	Resettlement
Ajingi	20862	4724	324	712
Albasu	12518	1228	448	40
Bagwai	17918	5348	1032	916
Bebeji	16786	3568	232	256
Bichi	16530	5116	1316	1144
Bunkure	14114	2336	284	424
Dala	10314	12	0	0
Dambatta	13778	1604	68	40
Dawakin Kudu	11034	1124	468	552

Dawakin Tofa	13830	2404	756	36
Doguwa	24312	2232	1784	1240
Fagge	16	16	4	12
Gabasawa	12814	2368	1852	1980
Garko	16930	4276	2276	136
Garun Mallam	11882	2248	596	508
Gaya	12974	1028	276	420
Gezawa	12498	1872	448	444
Gwale	10346	24	4	4
Gwarzo	15846	5244	1584	2016
Kabo	11418	144	564	512
Kano Municipal	10342	28	0	0
Karaye	13510	1976	152	16
Kibiya	12618	1148	176	536
Kiru	18818	3696	1960	2508
Kumbotso	11294	260	100	124
Kunchi	13406	2324	1488	876
Kura	13274	1264	128	548
Madobi	11970	1660	724	1068
Makoda	14498	5988	2476	1928
Minjibir	13902	2712	420	384
Nassarawa	10914	920	28	16
Rano	13206	3152	1860	1868
Rimin Gado	14242	4424	1768	1712
Rogo	13422	3648	3124	1760
Shanono	15058	2900	216	804
Sumaila	14746	1160	76	616
Takai	13098	2732	324	120
Tarauni	10754	464	72	24
Tofa	15002	2484	436	148
Tsanyawa	13682	2396	1068	960
Tudun Wada	14922	3708	2388	2356
Ungogo	12482	1912	408	120
Warawa	11786	1052	76	952
Wudil	19494	5628	1912	316
Total	603,160	104,552	35,696	31,152

Source: SBS, Kano

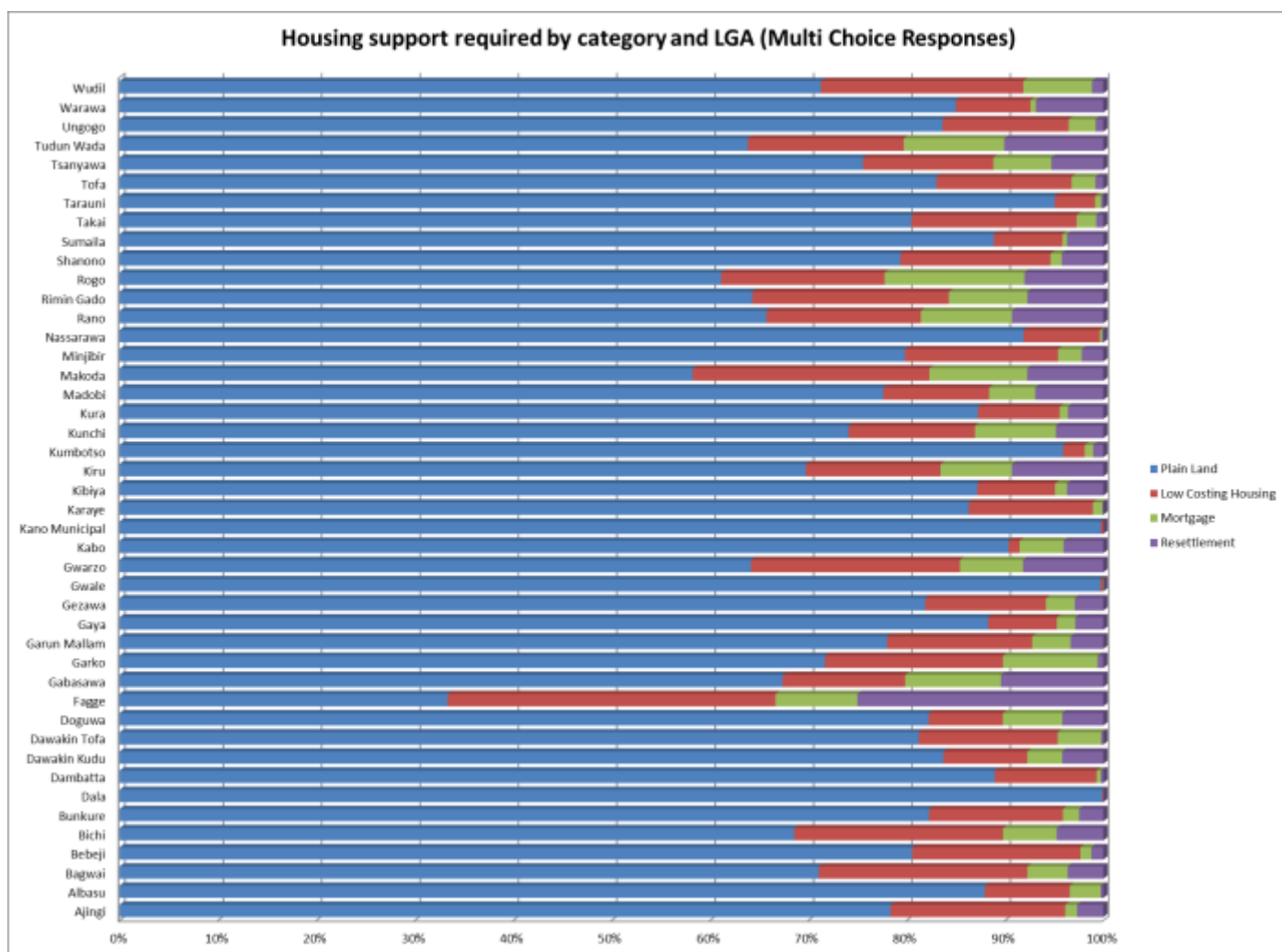


TABLE 35 : HOUSEHOLD PROXIMITY TO MAJOR ROADS BY LGA				
LGA Name	<= 1 Km	2- 5 Km	6 - 9 Km	>= 10 Km
Ajingi	6412	1296	2056	1456
Albasu	832	592	188	816
Bagwai	3564	2456	1660	432
Bebeji	3652	332	316	2860
Bichi	3296	1592	1228	568
Bunkure	1928	928	1160	172
Dala	0	12	0	0
Dambatta	1152	1136	720	1820
Dawakin Kudu	356	280	564	436
Dawakin Tofa	1184	1284	332	828
Doguwa	1748	1468	176	644
Fagge	32	0	0	0
Gabasawa	2392	800	500	244

Garko	2364	1780	916	2016
Garun Mallam	1488	844	152	372
Gaya	1040	264	172	1268
Gezawa	1100	352	684	908
Gwale	3144	32	4	20
Gwarzo	2048	3436	524	252
Kabo	816	340	436	160
Kano Municipal	8	28	4	0
Karaye	920	1380	740	760
Kibiya	1340	584	360	524
Kiru	3512	3968	716	720
Kumbotso	324	132	416	316
Kunchi	2536	1204	392	584
Kura	1276	1120	576	688
Madobi	468	1084	392	392
Makoda	3128	1996	1072	2200
Minjibir	1500	1448	620	1004
Nassarawa	44	172	32	1036
Rano	1812	756	388	756
Rimin Gado	1380	876	2784	1308
Rogo	3772	2204	684	504
Shanono	1036	2484	668	804
Sumaila	3612	480	264	100
Takai	1840	788	532	728
Tarauni	256	340	40	0
Tofa	1276	1936	716	924
Tsanyawa	1008	1772	660	524
Tudun Wada	1808	1840	304	108
Ungogo	944	308	80	1084
Warawa	2008	164	32	192
Wudil	3964	3772	1316	1036
Total	78,320	50,060	25,576	31,564

Source: SBS, Kano

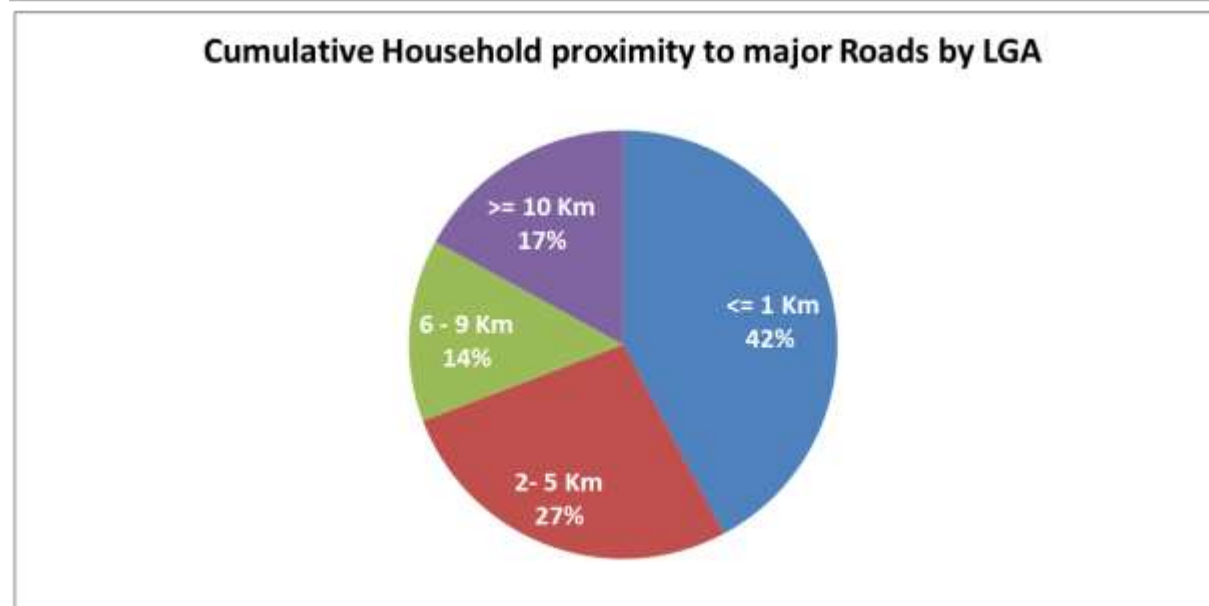
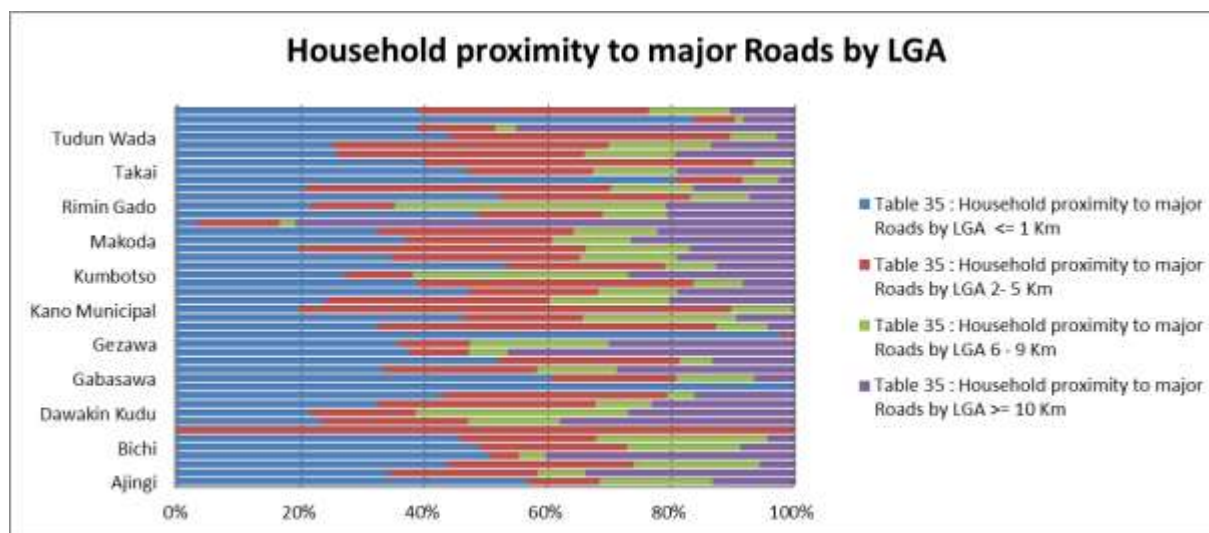


TABLE 36: HOUSEHOLDS' RESPONSE ON RELATIVE RETURNS TO KANO			
LGA Name	Yes Response	No (Not ready)	Don't Know
Ajingi	10204	28	988
Albasu	2112	8	308
Bagwai	8064	8	40
Bebeji	6248	4	908
Bichi	5436	24	1224
Bunkure	3136	4	1048
Dala	12	0	0

Dambatta	4548	16	264
Dawakin Kudu	1628	8	0
Dawakin Tofa	3516	8	104
Doguwa	3908	0	128
Fagge	32	0	0
Gabasawa	3288	4	644
Garko	6932	16	128
Garun Mallam	2484	4	368
Gaya	2468	8	268
Gezawa	2944	0	100
Gwale	3200	0	0
Gwarzo	5828	12	420
Kabo	1680	12	60
Kano Municipal	40	0	0
Karaye	3388	12	400
Kibiya	2608	16	184
Kiru	7380	136	1400
Kumbotso	1176	4	8
Kunchi	3984	16	716
Kura	3284	4	372
Madobi	2276	0	60
Makoda	6724	24	1648
Minjibir	3136	4	1432
Nassarawa	1252	28	4
Rano	3168	16	528
Rimin Gado	5724	28	596
Rogo	5608	20	1536
Shanono	4476	24	492
Sumaila	4172	12	272
Takai	3368	0	520
Tarauni	620	8	8
Tofa	4012	16	824
Tsanyawa	3276	8	680
Tudun Wada	4052	4	4
Ungogo	2408	0	8
Warawa	2392	4	0
Wudil	9592	16	480
Total	165,784	564	19,172

Source: SBS, Kano

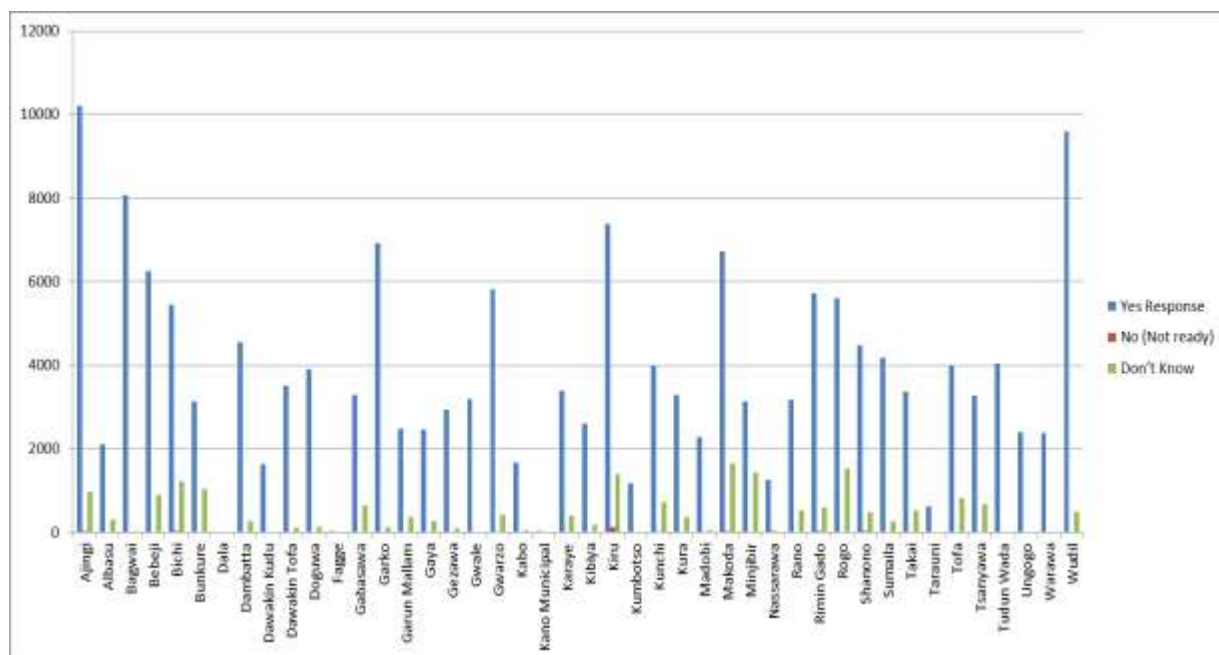
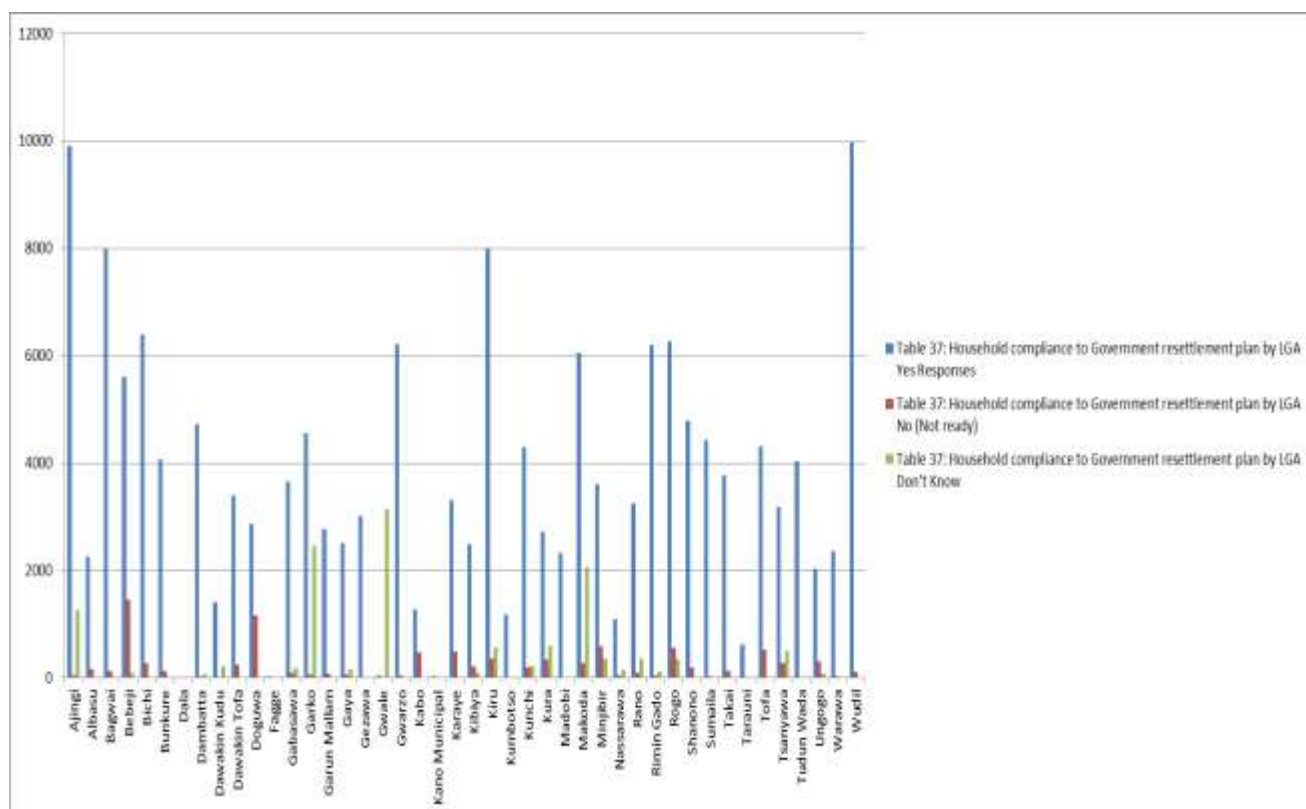


TABLE 37: HOUSEHOLD COMPLIANCE TO GOVERNMENT RESETTLEMENT PLAN BY LGA

LGA Name	Yes Responses	No (Not ready)	Don't Know
Ajingi	9908	44	1268
Albasu	2264	164	0
Bagwai	7984	128	0
Bebeji	5604	1460	96
Bichi	6400	284	0
Bunkure	4064	124	0
Dala	12	0	0
Dambatta	4724	36	68
Dawakin Kudu	1404	16	216
Dawakin Tofa	3388	240	0
Doguwa	2876	1160	0
Fagge	32	0	0
Gabasawa	3660	96	180
Garko	4556	60	2460
Garun Mallam	2772	84	0
Gaya	2516	72	156
Gezawa	3024	20	0
Gwale	52	4	3144
Gwarzo	6216	44	0
Kabo	1276	476	0

Kano Municipal	40	0	0
Karaye	3316	484	0
Kibiya	2496	216	96
Kiru	7980	368	568
Kumbotso	1176	12	0
Kunchi	4288	196	232
Kura	2720	340	600
Madobi	2328	8	0
Makoda	6052	272	2072
Minjibir	3608	596	368
Nassarawa	1092	44	148
Rano	3248	100	364
Rimin Gado	6192	48	108
Rogo	6268	552	344
Shanono	4792	200	0
Sumaila	4420	36	0
Takai	3764	124	0
Tarauni	620	16	0
Tofa	4320	532	0
Tsanyawa	3188	276	500
Tudun Wada	4040	20	0
Ungogo	2028	308	80
Warawa	2368	28	0
Wudil	9972	116	0
Total	163,048	9,404	13,068

Source: SBS, Kano



RECOMMENDATIONS

1. Creation of Macro and Micro grazing areas to militate herdsmen migration.
2. Herdsmen new layouts should be within less than 300m away from their grazing areas and water availability.
3. Layouts should be opened land without building but with necessary infrastructure.
4. Construction of feeder roads that will connect them with nearest major road(s).
5. Adequate provision should be provided for the returning herdsmen to Kano State.

CONCLUSIONS

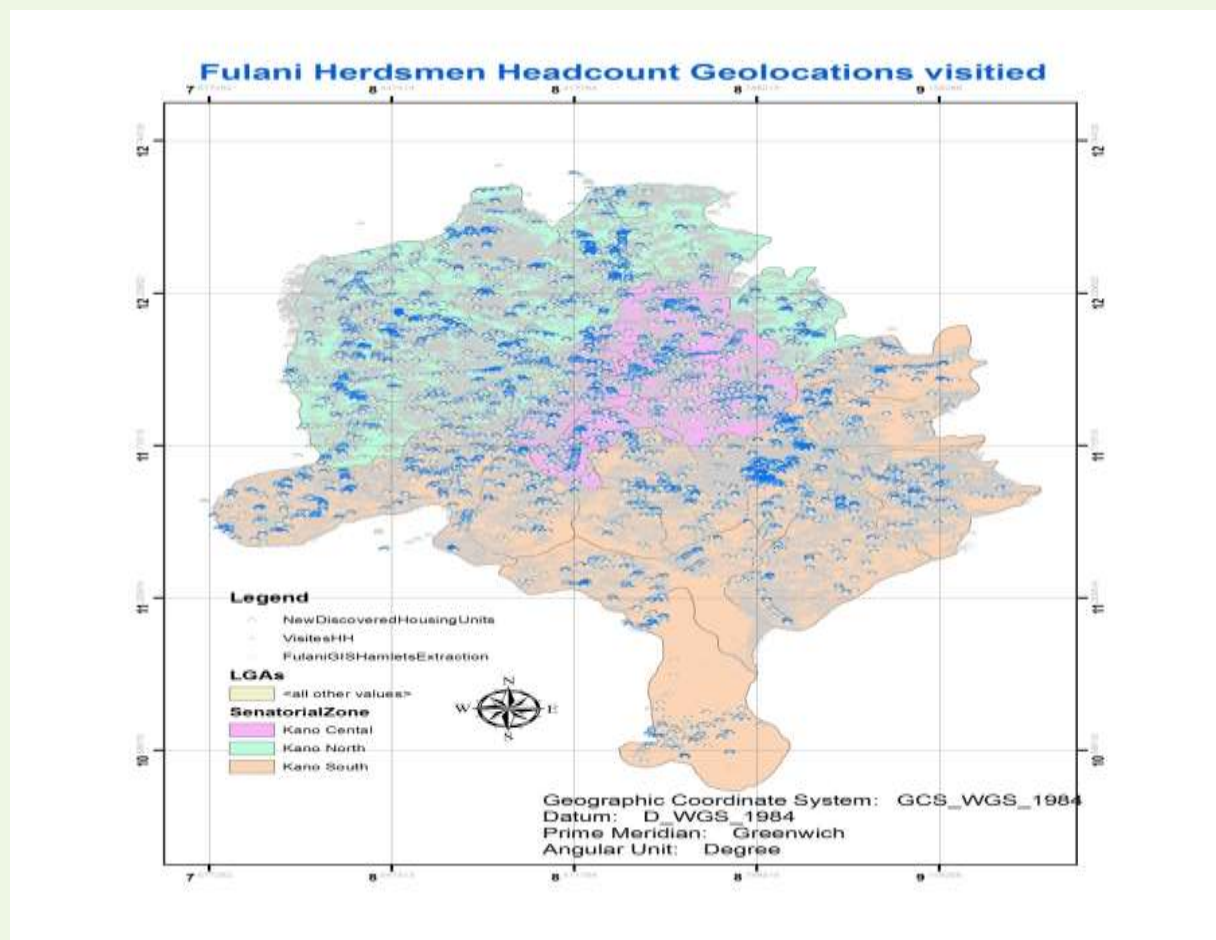
Kano State needs to construct or enhance inter-road network between Rugages and most nearest major road, open / bare land layout, and Grazing areas in closest proximity (< 300meter) to their residential layouts.

CHAPTER 9: SECURITY.

NARRATIONS

Herdsmen Settlements are mostly outside the perimeter of normal settlement as such make their leaving pattern scattered across the existing 44 LGAs of the State.

Percentage of **Theft: Banditry: Armed Robbery: Kidnapping / Abduction** are **69%, 15%, 9% and 7%** respectively across the State.



Security condition of Rugage is averagely good compared to level of insecurity spread across the country. Reponses with regards to security status from **Excellent, Good, Fair and Poor** are **17%, 61%, 18% and 4%** respectively.

OBSERVATIONS

1. Herdsmen Settlement that are always outside the perimeter of normal settlements exposes them to many security challenges etc, especially theft at Wudil, Kiru, Bebeji, Ajingi, Makoda, Garko, Rimin Gado, Bagwai, Sumaila, Bichi and Gwaro are the LGAs with highest frequency of Theft responses.
2. Herdsmen have few cases with regards to Banditry compared to thefts especially in LGAs like Tudun Wada, Bichi, Bagwai, Dawakin Tofa, Gwarzo, Sumaila and Tofa takes the highest responses with regards to Banditry.
3. A difficult situation on security operatives' access by the "Rugages" is more to none than its availability from the Government and Community operatives.

TABLE 38: SECURITY CONFIDENCE OF HOUSEHOLD AT THEIR LOCATIONS BY LGA

LGA Name	Excellent	Good	Fair	Poor
Ajingi	3440	6008	1592	180
Albasu	88	960	1304	76
Bagwai	1148	6504	400	60
Bebeji	64	6232	152	712
Bichi	372	5976	260	76
Bunkure	248	2516	1356	68
Dala	12	0	0	0
Dambatta	1460	1300	1960	108
Dawakin Kudu	152	576	640	268
Dawakin Tofa	1224	2196	188	20
Doguwa	192	3632	204	8
Fagge	24	8	0	0
Gabasawa	36	3492	48	360
Garko	128	6620	212	116
Garun Mallam	756	1432	596	72
Gaya	668	1384	676	16
Gezawa	448	1600	952	44
Gwale	3156	40	4	0
Gwarzo	108	3868	2248	36
Kabo	40	688	900	124
Kano Municipal	4	36	0	0
Karaye	40	2384	1368	8
Kibiya	388	1748	552	120

Kiru	256	5092	2716	852
Kumbotso	236	760	132	60
Kunchi	628	3688	384	16
Kura	420	2996	228	16
Madobi	0	1204	1112	20
Makoda	308	5088	1808	1192
Minjibir	240	2748	1372	212
Nassarawa	776	452	52	4
Rano	292	2456	824	140
Rimin Gado	804	3732	1752	60
Rogo	632	4544	668	1320
Shanono	52	3960	732	248
Sumaila	1056	2780	600	20
Takai	240	2176	1092	380
Tarauni	60	404	156	16
Tofa	1116	2708	992	36
Tsanyawa	1004	2504	428	28
Tudun Wada	28	1736	2260	36
Ungogo	896	1124	384	12
Warawa	20	2048	116	212
Wudil	1096	7476	1236	280
Total	24,356	118,876	34,656	7,632

Source: SBS, Kano

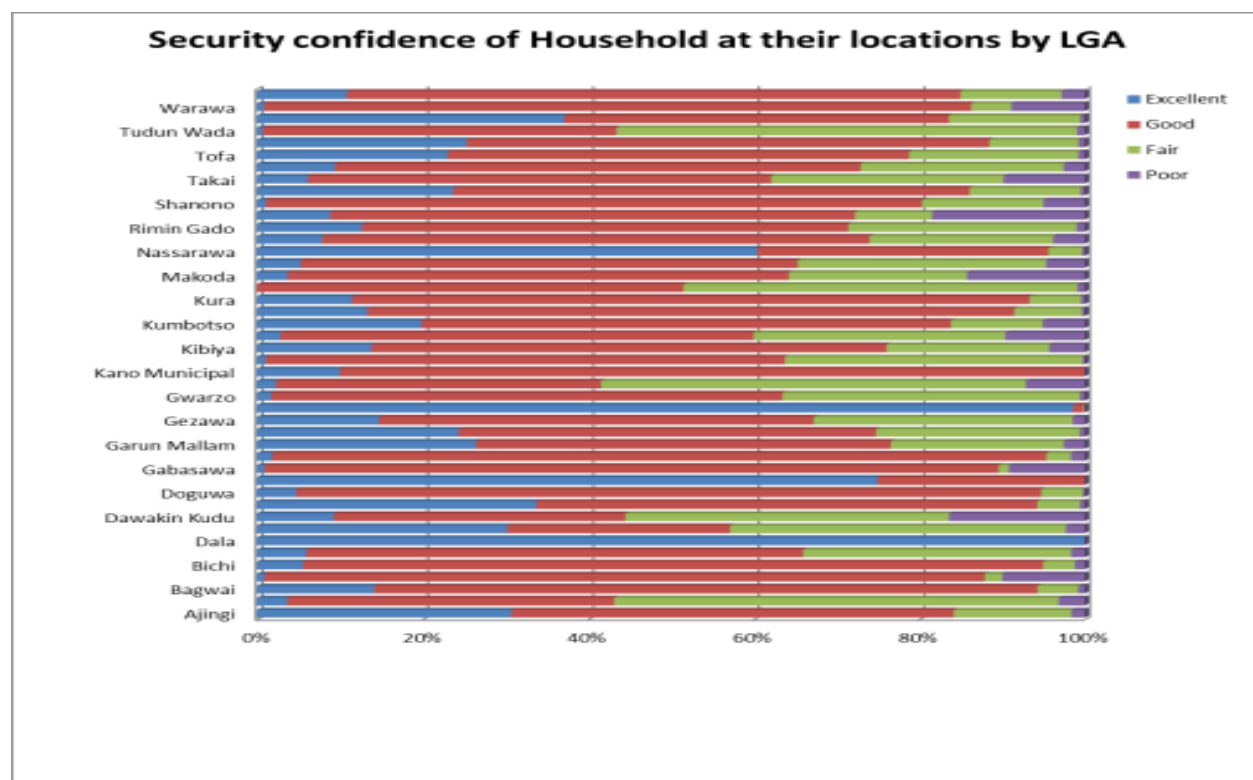


TABLE 39: HOUSEHOLD ACCESS TO SECURITY OPERATIVES BY LGA		
LGA Name	Yes	No
Ajingi	9112	2108
Albasu	804	1624
Bagwai	5776	2336
Bebeji	2708	4452
Bichi	3476	3208
Bunkure	2172	2016
Dala	0	12
Dambatta	2476	2352
Dawakin Kudu	568	1068
Dawakin Tofa	1832	1796
Doguwa	3212	824
Fagge	0	32
Gabasawa	596	3340
Garko	6416	660
Garun Mallam	1460	1396
Gaya	1736	1008
Gezawa	2372	672
Gwale	3164	36
Gwarzo	2876	3384
Kabo	208	1544
Kano Municipal	32	8
Karaye	1276	2524
Kibiya	1288	1520
Kiru	3056	5860
Kumbotso	796	392
Kunchi	1904	2812
Kura	1588	2072
Madobi	1464	872
Makoda	4776	3620
Minjibir	3024	1548
Nassarawa	1120	164
Rano	1260	2452
Rimin Gado	4264	2084
Rogo	764	6400
Shanono	968	4024
Sumaila	3032	1424
Takai	1400	2488
Tarauni	300	336
Tofa	2964	1888

Tsanyawa	1500	2464
Tudun Wada	432	3628
Ungogo	2064	352
Warawa	796	1600
Wudil	6824	3264
Total	97,856	87,664

Source: SBS, Kano

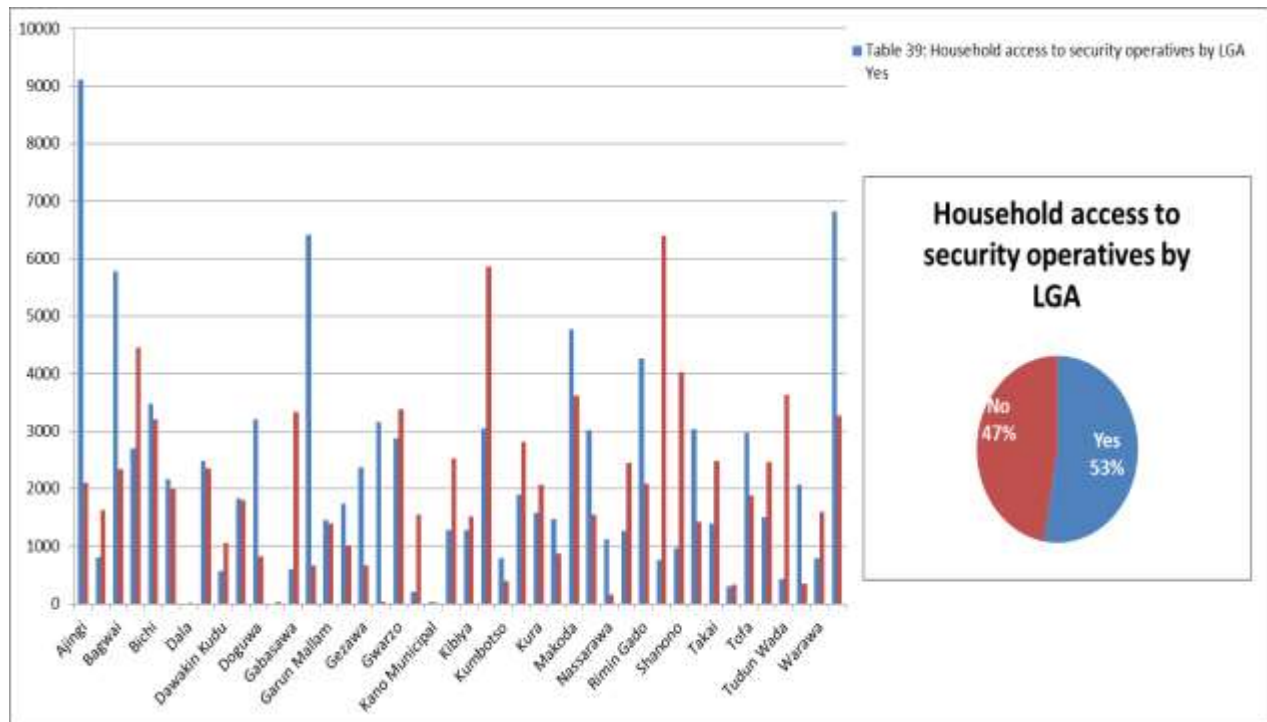


TABLE 40: TYPE OF SECURITY PERSONNEL ACCESSED& AVAILABLE				
LGA Name	Government	Community	Private	None
Ajingi	5636	3328	28	2228
Albasu	16	724	4	1684
Bagwai	3036	2716	24	2336
Bebeji	1912	844	4	4400
Bichi	304	3332	32	3016
Bunkure	3001	0	4	1183
Dala	8	4	0	0

Dambatta	1004	1532	60	2232
Dawakin Kudu	404	160	12	1060
Dawakin Tofa	1200	1468	44	916
Doguwa	1972	960	644	460
Fagge	16	8	0	8
Gabasawa	128	520	4	3284
Garko	6344	368	16	348
Garun Mallam	356	1172	164	1164
Gaya	908	604	208	1024
Gezawa	1216	1140	0	688
Gwale	12	8	0	3180
Gwarzo	100	3188	144	2828
Kabo	4	236	0	1512
Kano Municipal	8	28	0	4
Karaye	516	760	12	2512
Kibiya	960	368	36	1444
Kiru	1088	2116	108	5604
Kumbotso	116	428	40	604
Kunchi	764	1132	8	2812
Kura	800	1356	16	1488
Madobi	264	1484	12	576
Makoda	3572	916	4	3904
Minjibir	2220	1068	276	1008
Nassarawa	800	468	4	12
Rano	552	768	0	2392
Rimin Gado	2232	2132	24	1960
Rogo	572	404	4	6184
Shanono	1288	400	80	3224
Sumaila	2208	916	60	1272
Takai	792	800	0	2296
Tarauni	400	88	0	148
Tofa	692	3008	24	1128
Tsanyawa	768	524	4	2668
Tudun Wada	264	852	32	2912
Ungogo	920	1292	0	204
Warawa	52	856	0	1488
Wudil	2564	4132	12	3380
Total	51,989	48,608	2,148	82,775

Source: SBS, Kano

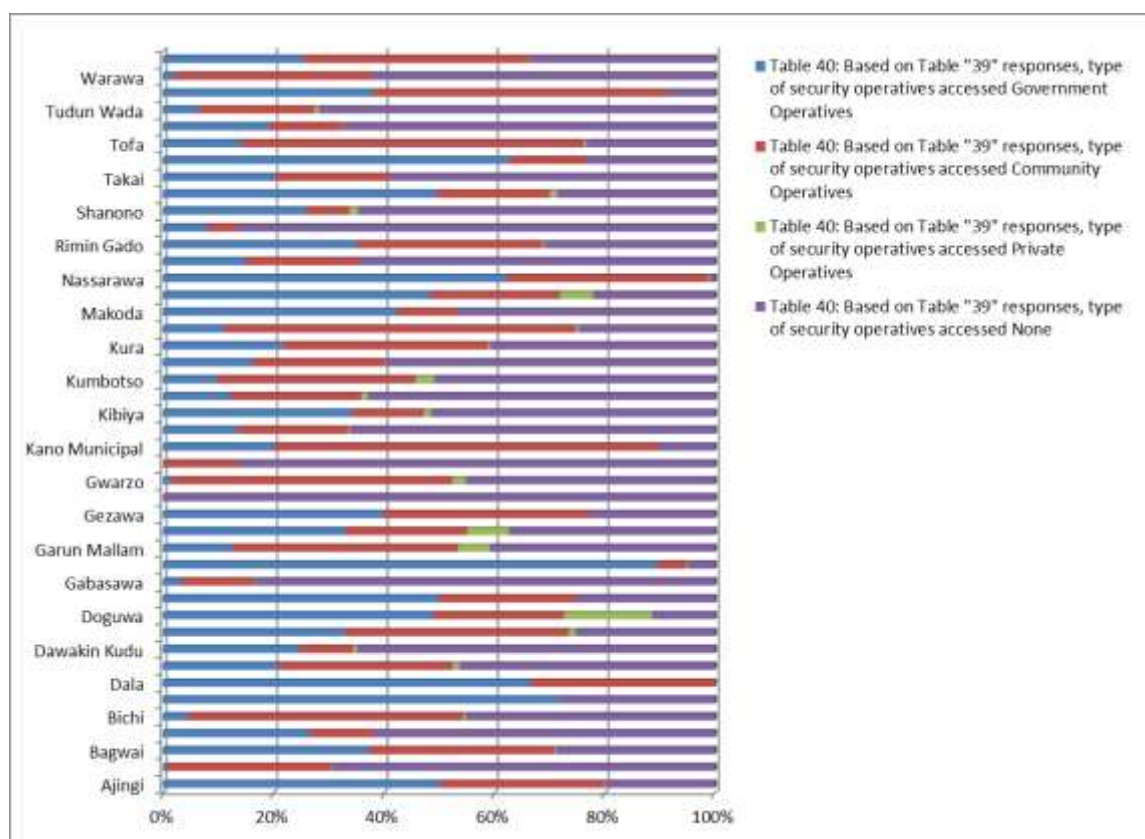
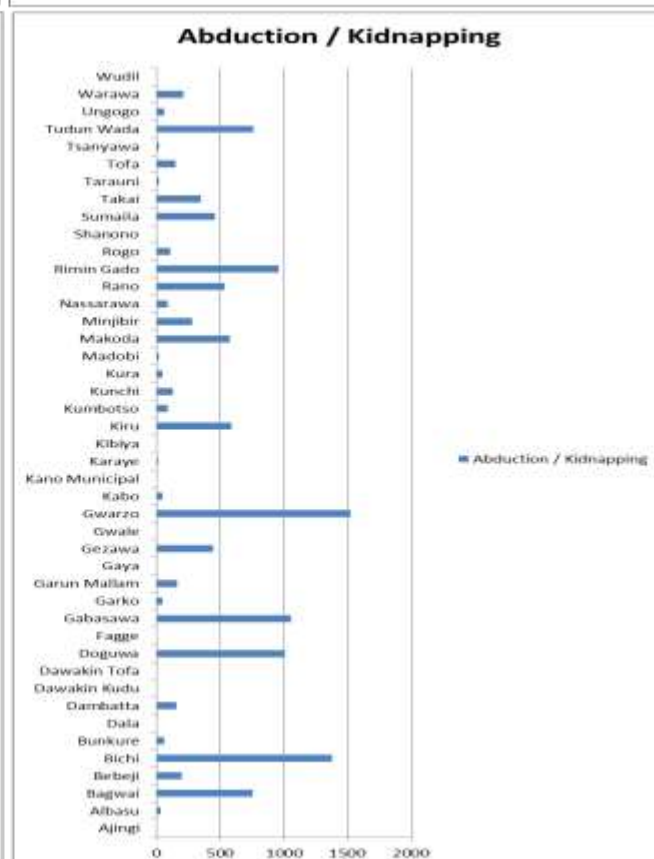
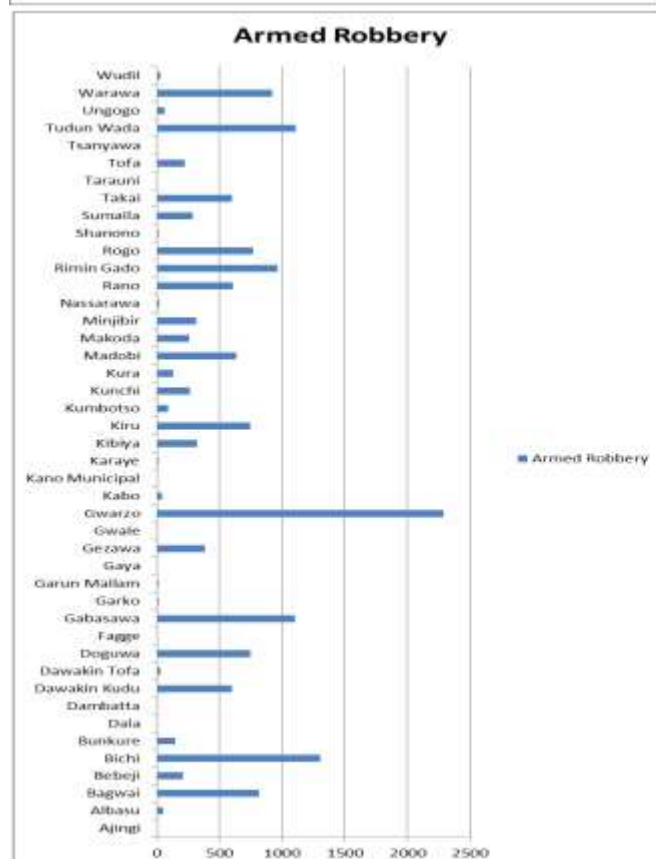
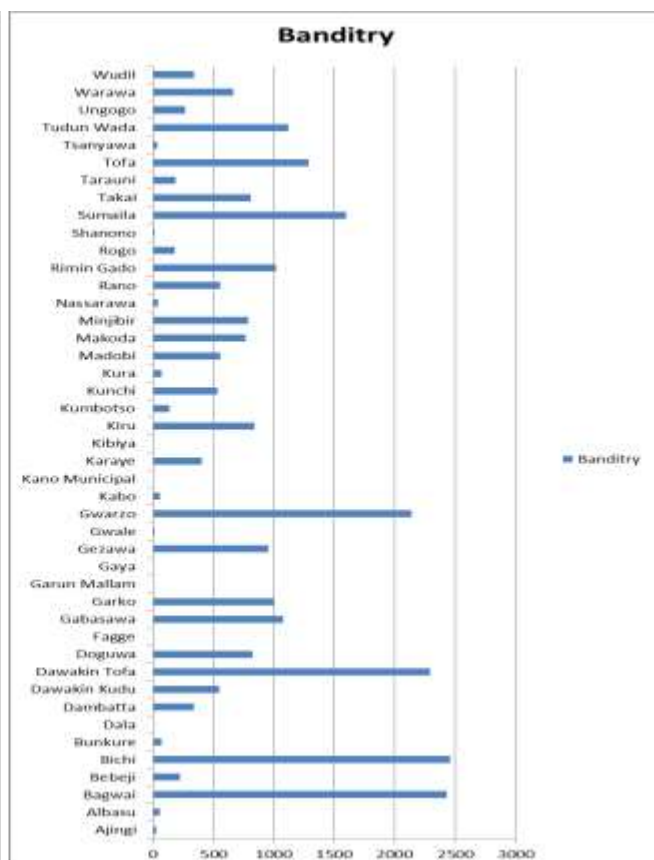
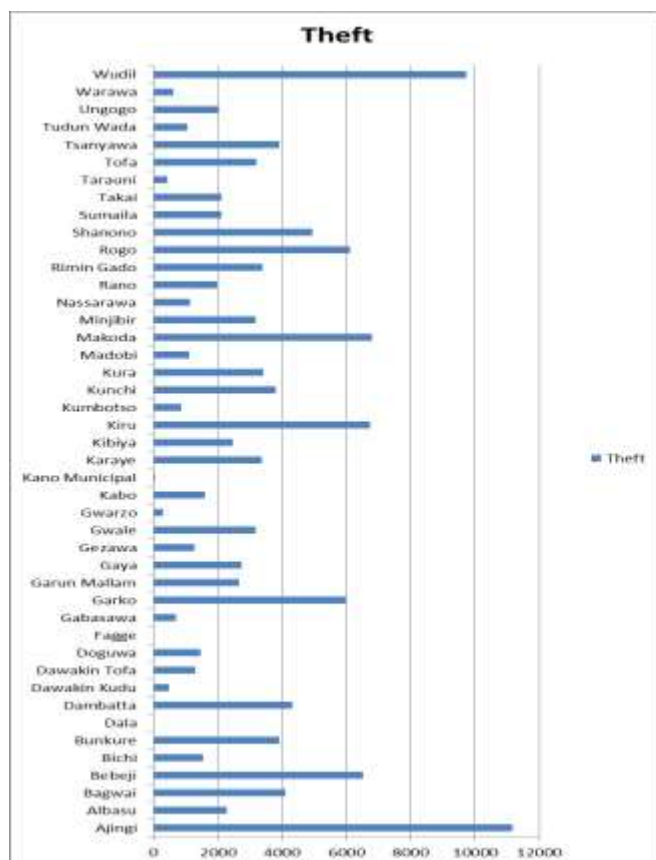


TABLE 41: SECURITY CHALLENGES FACED BY HERDSMEN BY TYPE AND LGA

LGA Name	Theft	Banditry	Armed Robbery	Abduction / Kidnapping
Ajingi	11188	28	4	0
Albasu	2288	60	48	32
Bagwai	4112	2432	816	752
Bebeji	6528	224	208	200
Bichi	1540	2460	1304	1380
Bunkure	3912	68	148	60
Dala	12	0	0	0
Dambatta	4324	340	4	160
Dawakin Kudu	488	548	600	0
Dawakin Tofa	1308	2292	28	0
Doguwa	1456	824	748	1008
Fagge	32	0	0	0
Gabasawa	696	1076	1104	1060
Garko	6012	1004	16	44
Garun Mallam	2672	4	16	164
Gaya	2736	8	0	0

Gezawa	1268	952	380	444
Gwale	3180	12	4	4
Gwarzo	304	2140	2292	1524
Kabo	1604	60	44	44
Kano Municipal	40	0	0	0
Karaye	3364	404	16	16
Kibiya	2480	0	320	8
Kiru	6740	840	744	592
Kumbotso	872	136	92	88
Kunchi	3792	532	264	128
Kura	3416	68	132	44
Madobi	1120	560	636	20
Makoda	6796	764	260	576
Minjibir	3188	788	316	280
Nassarawa	1132	44	20	88
Rano	2016	556	608	532
Rimin Gado	3400	1020	964	964
Rogo	6108	180	768	108
Shanono	4956	16	16	4
Sumaila	2112	1596	288	460
Takai	2128	812	600	348
Tarauni	420	188	8	20
Tofa	3196	1284	220	152
Tsanyawa	3908	32	4	20
Tudun Wada	1064	1124	1112	760
Ungogo	2028	268	60	60
Warawa	-212	876	920	812
Wudil	9724	340	24	0
Total	129,448	26,960	16,156	12,956

Source: SBS, Kano



RECOMMENDATIONS

1. Government should discard the acceptability of Fulani settlements leaving as hamlets to full settlements by creating 5 cluster models of Macro settlements and other 31 compliments of Micro ones (8 metropolitan LGAs exclusive).
2. Government should open more security outlets to compliment recommendation “1” above including **Government Operatives, Community Operatives and Private Operatives** with a defined square structure.

CONCLUSIONS

Upon good security status recorded, the Rugage settlements from the other hand are having insufficient or no access to security operatives therefore, enhancing security structure to reach outreach of the Nomadic community is a priority.

CHAPTER 10:- GENERAL CONCLUSION AND POLICY

RECOMMENDATIONS

10.1 CONCLUSIONS

Good, timely and relevant is fundamental to development planning, good n governance, delivery of public services and effective decision – making in all sectors of the society. Statistics provides information to all stakeholders and the public that will support a meaningful Performance Review process and monitor the achievements, outcomes and impacts of the government projects and programmes.

The statistics generated in the just concluded Herdsmen Household Survey by the Kano State Bureau of Statistics was to provide comprehensive, and policy relevant statistical data on socio-economic indicators disaggregated at various levels of reporting and must be presented clearly and disseminated appropriately for ease of understanding to all readers globally. Data was collected and interpreted on 10 sections cutting across various socio-economic issues.

The 44 LGAs is the total sample size of the Fulani Headcount, the households enumerated were identified by GPS device, using android devices. The survey is substantially successful despite the daunting challenges that contended the process. This success is marked with a massive set of socio-economic data which is relevant to state organs and researchers would analyze to address the diverse developmental issues. It is a revolution in data production which has never been produced in the statistical activities of the state.

10.2 RECOMMENDATIONS

Based on the findings from the survey, the following recommendations are offered:

- There are younger schools bearing age that supposed to be at school now but are not in schools. The urgent need for Government to look at it under this very important policy of free and compulsory education herdsmen constitute of 12.5% of the entire population of the State.
- The literacy level of 78.4% implies that over 20% of the people cannot read and write in any language. This has implication on various social and economic issues.
- Furthermore, the net intake level of 56.3%, which means in every 100 children in an age cohort, only 56 starts schooling. This low intake level portends that the literacy rate is most likely to be negatively affected in the nearest future.. This is a pointer to a future significant drop in literacy, if there is no remedial policy and programmes to reverse the trend.

POLICY OPTIONS

- An in-depth study to unfold the key factors impeding Nomadic literacy should be commissioned by the State Government.
- Literacy boosting is not only the responsibility of government; however, government can trigger the intervention of CSOs/NGOs in the sector. These organizations could sensitize households to avail their children and wards to enroll in school.
- All laws to promote children to be in school should be effectively discharged.
- Government should reposition the Agency for Adult and Nomadic Education. The Agency in collaboration with the LGAs, especially those with literacy rate below average to set and make functional Learning Centers for Adult and Nomadic education.
- A state of emergency should be declared on the herdsmen children education across the state.
- Monitor implementation of policy at LGA and institutional levels.
- The State House of Assembly to institute a legal framework for the herdsmen settlement policy
- Policy should provide incentives that will enhance private sector participation in (PPP) delivery.
- State and Local Governments to improve capital investment in Fulani herdsmen activities;
- Link Fulani Herdsmen with employers' associations and industry in milk and meat production.
- Mainstream gender into marketing activities and programmes.
- Support settlement plan by advocacy initiatives, motivation campaigns and programmes.
- Provide opportunities for Fulani herdsmen teachers to regularly update their workplace experience;
- Cluster/Cooperatives should be established to encourage and drive entrepreneurial development among women, and unemployed youths.

POLICY OPTION:

Domesticate **FEED AFRICA: STRATEGY FOR AGRICULTURAL TRANSFORMATION IN AFRICA 2016-2025**

- I. The survey shows that Milk production is high in the LGAs below, therefore milk production machineries should be put in place in collaboration with private sector. The LGAs are Rogo with Milk production capacity of 269663 liters per day,

Ajingi 196,571, Gezawa 163,543, Kiru 126,423, Dambatta 122051, and Bagwai 106,217 milk per day, while herdsmen total milk production is **2,339,583 liters per day**.

- II. The survey observes that several sick persons undertake self-medication, resort to chemist, traditional medics or did nothing. This is perhaps due to absence of health facilities and health services.
- III. To sustain this pulse of data revolution, socio-economic headcount of this nature and scope should be conducted immediately to capture the incoming herdsmen from various states of the federation to establish a trend for effective planning and policy formulation.
- IV. Also, the Local Government Councils should be encouraged to conduct their specific socio-economic surveys to drive home the indicators. A complete dossier of socio-economic survey includes household survey, establishment's survey and system of administrative statistics should be annual conducted and updated for geo-reference purposes and data management.

COMPILED BY KANO STATE BUREAU OF STATISTICS MANAGEMENT STAFF