

GURUVE DISTICT Bood and Nutrition Security Profile





Contents Page

	List of Figures	3	7.0	Livestock	24
	List of Tables	3	7.1	Main Types of Livestock Ownership	24
	Foreword	4	7.2	Main Livestock Diseases	24
	Acknowledgments	5	7.3	Dipping Facilities	24
	Acronyms and Abbreviations	6	7.4	Animal Health Centres	25
	•		7.5	Other Livestock Establishments	25
1.	General Characteristics of the District	7	7.6	Challenges Faced by Livestock Farmers	25
1.1	Gutu District Map	7			
1.2.	Administrative Information	7	8.0	Markets	26
1.2.	Population Information	8	8.1	Livestock Markets	26
1.3.	Vegetation Characteristics	8	8.2	Crop Markets	26
1.4.	Land Degradation	9	8.3	Commodity Availability and Prices Per Ward	26
1.5.	Development Indicators	9	8.4	Market Challenges	27
1.5.1.	Education Information	9	8.5	Labour Markets	27
1.5.2.	Health Facilities	9	8.6	Market Seasonal Calendar	27
			8.7	Calendar for Food Purchases for a Drought	
2.	Development Indicators	10		Year in Guruve District	28
2.1.	Education Information	10	8.8	Market Challenge	28
2.2	Health Facilities	11			
			9	Common Hazards	28
3	Water and Sanitation Information	12	9.1	Periodic and Common Hazards	28
3.1	Water Information	12			
3.2	Sanitation Facilities	13	10	District Development Priorities	28
3.3	Transport	13	10.1	Guruve District Development Priorities	28
3.4	Communication	14			
			11	Food Security	29
4.	Main Livelihood Sources	14	11.1	Socio-economic Groups and Vulnerability	
4.1	Main Livelihood Zones	14		Classification	30
4.2	Natural Regions and Climate	16	11.2	Coping Strategies	30
4.3	Mean Annual Rainfall	17	11.3	Guruve District Ranking of Food Insecure	
4.4	Drought Prone Areas	17		Wards	30
4.5	Flood Prone Areas	18			
4.6	Hydro-geological Conditions	18	12	Health and Nutrition	31
4.7	Soil Type and Ph	20	12.1	Prevalence of Malnutrition	32
4.8	Soil Types	20	12.2	Household Food Consumption Score	32
			12.3	Consumption of Iron, Protein and Vitamin A	32
			12.4	Feeding Practices for Children Below 2 Years	
5.0	Crop Information	20		in Guruve District.	33
5.1	Farming Sectors and Crops Grown	20	12.5	Top Ten Diseases/Conditions	33
5.2	Irrigation Schemes	21	12.6	Top 5 Causes of Mortality	34
5.3	Challenges Faced by Farmers	22	12.7	Prevalence of Mortality in Children and Womer	1 24
6.0	Crop Production Trends	22	13	Development Partner Profiling	34
6.1	Crop Production Trends	22			
6.2	Cropped Area Hectares	22	14.0	Summary by Ward	35
6.3	Cropped Area Trends for Major Crops	23			
6.4	Grain Marketing Board Trends for Cereals	23		Annex	38
6.5	Cropping Calendar	23			

LIST OF Tables

LIST OF Figures

Table 1:	Settlement Types in Guruve District	8
Table 2:	Main Business Centres	8
Table 3:	Police Post	9
Table 4:	Guruve Population Projections by Ward	9
Table 5:	Vegetation Type in Guruve District	10
Table 6:	Number of Primary and Secondary Schools	
	in Guruve District	11
Table 7:	Health Facilities in Guruve District	11
Table 8:	Distribution of Boreholes by Ward	12
Table 9:	Sanitation Facilities	13
Table 10:	Network Coverage by Ward in Guruve	
	District	14
Table 11:	Economic Zones in Guruve District	15
Table 12:	Main Livelihood Sources by Ward.	15
Table 13:	Temperatures in Guruve District	16
Table 14:	Distribution of Major Dams by Ward	19
Table 15:	Area Coverage of Main Farming Sectors and	d
	Proportion of Households in the District	21
Table 16:	Distribution of Irrigation Schemes by Ward	21
Table 17:	Cropped Area Hectares	22
Table 18:	Marketing Trends of Cereal Sold to the	
	Grain Marketing Board by Farmers	23
Table 19:	Cropping Calendar for Guruve District	23
Table 20:	Average Livestock Holding Per Ward	24
Table 21:	Dipping Facilities in Guruve District	25
Table 22:	Number of Dip Tanks by Ward in	
	Guruve District	25
Table 23:	Animal Health Centres in Guruve District	25
Table 24:	Functional Health Centers by Ward	25
Table 25:	Other Livestock Establishment in	
	Guruve District	25
Table 26:	Average Prices of Livestock	26
Table 27 :	Main Markets for Crop Produce	26
Table 28:	Commodity Availability and Prices	
	Per Ward	26
Table 29:	Commodity Availability and Prices	
	Per Ward	27
Table 30:	Labour Markets Available in Guruve District	27
Table 31:	Market Seasonal Calendar for Guruve	
	District	27
Table 32:	Calendar of Food Purchases for a Drought	
	Year	28
Table 33:	Periodic and Chronic Hazards in Guruve	
	District by Ward	28
Table 34:	Development Priorities in Guruve District	28
Table 36:	Cereal Production by Ward	29
Table 37:	Socio-economic Groups and Vulnerability	

Table 38:	Table Coping Strategies by Ward	30
Table 39:	Ranking of Wards by Food Insecurity Levels	30
Table 40:	Seasonal Calendar for a Typical Year	31
Table 41:	Feeding Practices in Children Below 2	
	Years of Age	33
Table 42:	Top 5 Causes of Mortality	34
Table 43:	HIV/TB Prevalence and Mortality in	
	Children and Women	34
Table 44:	A Summary of NGOs Operating in the	
	District by Ward and Areas of Focus.	34

	Figure 1:	Map of Guruve District	7
25	Figure 2:	Traditional Leadership in Guruve District	8
26	Figure 3:	Number of Education Facilities in Guruve	
26		District	11
	Figure 4:	Livelihood Zones by Ward	14
26	Figure 5:	Main Livelihood Sources by Ward	15
	Figure 6:	Agro-ecological Regions in Guruve District	16
27	Figure 7:	Cumulative Rainfall Pattern for Guruve District	17
27	Figure 8:	Drought Prone Wards	17
	Figure 9:	Flood Prone Areas in Zimbabwe	18
27	Figure 10:	Soil Types by Ward	20
	Figure 11:	Major Crops Produced in Guruve District	21
28	Figure 12:	Crop Production Trends	22
	Figure 13:	Cropped Area of Major Crops	23
28	Figure 14:	Main Livestock Diseases in Guruve District	24
28	Figure 15:	Prevalence of Malnutrition in Guruve District	32
29	Figure 16:	Household Food Consumption	32
	Figure 15:	Prevalence of Malnutrition in Guruve District	33
30	Figure 18:	Top Ten Diseases/Conditions in Guruve District	33

Classification

FOREWORD

The Government of Zimbabwe aims to meet national targets under the National Development Strategy 1, Sustainable Development Goals, including Zero Hunger by 2030, with the support of the United Nations World Food Programme and other development partners. Evidence and knowledge are the starting point to ending hunger and improving nutrition. Hence policies and programmes need to be based on accurate and reliable data and information to make a difference in people's lives. In view of the above, the District Profiles were developed to provide evidence-based information for programming by the Government, UN, and development partners. This process was led and hosted by the Food and Nutrition Council (FNC), supported by WFP, and with the participation of Government Ministries and NGOs through a multi stakeholder consultative process.

The country has continued to experience climatic and economic shocks. While recurring droughts, erratic rainfall, and poor harvests have been the drivers of food insecurity in rural areas, economic challenges remain as one of the major drivers of food inaccessibility in urban areas. From, these existing challenges were further compounded by the effects of COVID-19 and the lockdown measures which were put in place to curb its spread. To understand the evolving changes, it was necessary to update all the 60 rural District Profiles to more accurately identify and address the humanitarian and programmatic needs in Zimbabwe. The 2016 District Profiles had reached their full life span of five years.

The District Profiles were compiled using other existing information products such as the ZimVAC Livelihoods Assessment Reports, national Integrated Context Analysis (ICA), the Seasonal Livelihood Programming (SLP), and community action plans, among other key reference documents. The district profiles provide ward-level analysis as well as insights for programmatic needs at sub-district level. These are developed as a public good to support Government, UN and developmental partners in the design, targeting and implementation of humanitarian, resilience and development programmes.

These risk profiles provide a comprehensive sub district level overview focusing on infrastructure, water and sanitation, communication, livelihoods, poverty, climate, crops, livestock, markets, hazards and shocks, development indicators and priorities, food and nutrition security conditions, and recommendations.

It is my greatest hope that all stakeholders will find this updated information useful in further refining their programmes and targeting criteria for the development of Zimbabwe.

ACKNOWLEDGMENTS

The Food and Nutrition Council (FNC) would like to appreciate the support provided by the World Food Programme who worked tirelessly to ensure the successful completion of the district profiles.

Special thanks go to the various Government line ministries and departments, UN agencies, donors, and NGOs for sharing of information, technical support, facilitation, and collaboration.

Sincere appreciation goes to the Provincial Coordinators, District Food and Nutrition Security Committee and District Drought Relief Committee members for participating in the drafting of the profiles and the valuable information provided.

Our sincere gratitude goes to WFP Zimbabwe and the Government of Zimbabwe for funding for the activity.

Disclaimer

Standard copyright clause: This District profile is owned by the Government of Zimbabwe and the World Food Programme. All rights reserved. Reproduction and dissemination of material in this information product for educational or other non-commercial uses are authorized without any prior written permission from the copyright holders provided the source is fully acknowledged. Reproduction of material in this information product for resale or other commercial purposes is prohibited without written permission. Applications for such permission should be addressed to the Government of Zimbabwe through the Food and Nutrition Council © FNC [2022].

ACRONYMS & Abbreviations

ADSL Asymmetric Digital Subscriber Line

AARDS Agricultural Advisory Rural Development Services

ARI Acute Respiratory Infections

BEAM Basic Education Assistance Module

CA Conservation Agriculture

CAMFED Campaign for Female Education

DDC District Development Coordinators Office

DSTV Digital Satellite Television

FDMSP Food Deficit Mitigation Strategy Programme

GMB Grain Marketing Board

HHs Households HR High Risk

ICT Information and Communication Technology

ISALS Internal Savings and Lending Scheme
ISFM Integrated Soil Fertility Management
IYWD Institute of Young Women Development

LR Low Risk LS Loamy Sands

LSCA Large Scale Commercial Area
MAD Minimum Acceptable Diet
MAM Moderate Acute Malnutrition
MDD Minimum Dietary Diversity
MDF Minimum Meal Frequency

MG Medium Grained

MOHCC Ministry of Health and Child Care NGO's Non-Governmental Organizations

ORA Old Resettlement Area
PWD Public Works Department
RBF Results Based Funding

RWIMS Rural WASH Information and Services Management System

S Sands

SLP Seasonal Livelihood Programming SSCA Small Scale Commercial Area STI's Sexually Transmitted Infections

1 General Characteristics of the District

Guruve District is one of the eight Districts in Mashonaland Central Province and situated 150 kilometers North of Harare at the foot of the Great Dyke. It is connected by a 150 km wide tarred road from Harare. The bulk of the roads are gravel. The geocodes for the district are 16°22'19"S 30°36'22"E (-16.3720600, 30.6060700). The district is bordered by Mbire District to the North, Zvimba District (Mashonaland West Province) to the South-west, Muzarabani District to the East and Mazowe District to the South-east. The district is rich in wildlife and granite stones, which are used make tombstones and crafts. The district houses the famous Tengenenge sculpture community.

The figure below shows the map of Guruve District:

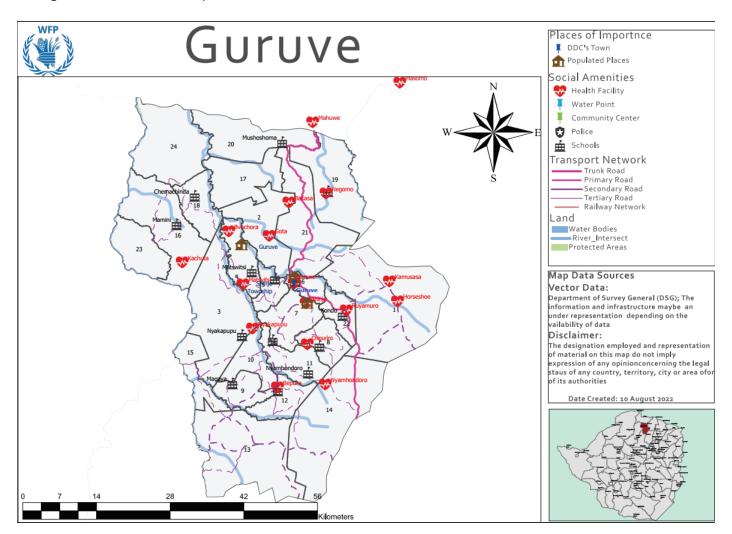


Figure 1: Map of Guruve District

1.1 Administrative Information

Guruve has a land size of approximately 310, 153 hectares and has 24 administrative wards. Guruve Growth Point is the main business centre. There are seven smaller business centres namely, Mudhindo, Ruyamuro, Kachuta, Bvochora, Shinje, Ruvinga and Bakasa.

The district is divided into two agro ecological regions namely 2A and 3. In region 2A the altitude ranges from 1200 - 1400m and receives reliable rainfall 750 - 1000mm. In region 3 the altitude ranges from 900 - 1000m and the region receives 650 -800 mm.

1.2 Settlement Type

The district is divided into seven farming sectors namely Small-Scale Commercial farmers, A1, A2, Communal area, Large Scale Commercial Area and Old Resettlement that surround the growth point (Table 1).

Table 1: Settlement Types in Guruve District

Settlement Type													\	Var	ds										
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Small Scale Commercial Farming																									
A1																									
A2																									
Communal												<u> </u>													
Large Scale Commercial Farming																									
Old Resettlement																									
Growth point																									
Source: Guruve Rural District Council																									

1.3 Main Business Centers

Guruve Growth Point is the main business centre, where government offices are located. At the centre there are several shops, bottle stores, hardware shops, grinding mills, and service stations. There are also vending areas. There is one GMB depot servicing the needs of the entire district. There is one post office and one commercial bank to meet the financial needs of the community. The growth point has recorded steady growth over the past few years. It has grown with regards to expansion of residential areas, commercial and industrial complexes. There are a number of schools, both primary and secondary in the area, Churches, a Hotel, Government departments, small industries, and a hospital. There are also seven smaller business centres scattered across the district (Table 2) namely, Mudhindo, Ruyamuro, Kachuta, Bvochora, Ruvinga, Bakasa and Shinje where Guruve Rural District Offices are located. The table below shows main business centres in Guruve District:

Table 2: Main Business Centres

Ward	Business Centre	Catchment Area
6	Guruve Growth Point	24 wards
12	Mudhindo	3, 9, 10, 11, 12, 13, 14 and 15
22	Ruyamuro	1, 6, 8 and 22
18	Kachuta	16, 18, 23 and 24
16	Bvochora	16 and 23
7	Ruvinga	7 and 8
20	Bakasa	19, 20 and 21
7	Shinje	6, 7 and 8
Source: Guruve RDC		

1.4.1 Traditional Leadership in Guruve

The district has two chiefs namely Chief Chipuriro and Chief Bepura and a total of five headmen namely Mushoshoma, Kazunganga, Mamini, Nyamhondoro and Mukwenya. There are 389 appointed Village Heads.

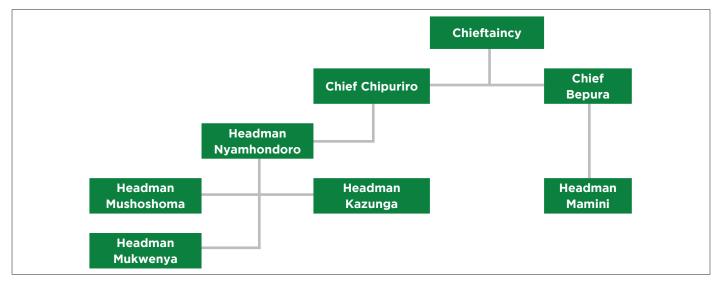


Figure 2: Traditional Leadership in Guruve District (Source: Local Government)

1.4.2 Police Posts

There is one police station, one police post and four police bases in Guruve District.

Table 3: Police Post

Ward	Police Post	Catchment									
6	Guruve Police Station	All 24 wards, Muzarambani District, Mbire District, Part of Mazowe District									
13	Velvikia Police Post	13, 14, 15 and 9									
12	Mudhindo Police Base	9, 10, 11, 12, 13 and 14									
18	Kachuta Police Base	16, 18, 23 and 24									
Source: Z	Source: ZRP Guruve										

1.4.3 Magistrate

There is one magistrate's court, which also provides services to Mbire, Muzarabani and Mazowe Districts.

1.4.4 Old People and Children's Homes

There are no old peoples and children's homes facilities in the district.

1.4.5 Population Information

The projected population below was calculated based on the ZimSTAT 2012 Population Census by applying the growth rate of 1.1%. The total population in Guruve District is 140, 240.

Table 4: Guruve Population Projections by Ward

Ward Number	Ward Name	HH 2012	Average HH Size	Pop 2012	Male	Female	Projected 2021 Population
1	Horseshoe	1916	4.5	8,713	4,502	4,211	9,914
2	Nyamanji	727	5.3	3,842	2,002	1,840	4,372
3	Nyakapupu	397	4.7	1,856	936	920	2,112
4	Mukwenya	1,044	4.5	4,704	2,262	2,442	5,353
5	Nyangavi	1,345	4.1	5,547	2,645	2,902	6,312
6	Suoguru	1,964	3.8	7,388	3,486	3,902	8,406
7	Ruwinga	1,583	5.0	7,970	3,559	4,411	9,068
8	Shayabvudzi	1,011	4.4	4,400	2,117	2,283	5,007
9	Hwadaya	1,266	4.3	5,452	2,552	2,900	6,205
10	Nyandoro	1,050	4.3	4,468	2,158	2,310	5,084
11	Nyamhondoro	1,613	4.1	6,581	3,057	3,524	7,488
12	Mudhindo	1,556	4.1	6,400	3,094	3,306	7,282
13	Victory Block	1,366	4.6	6,282	3,253	3,029	7,148
14	Victory Block	1,213	4.0	4,888	2,595	2,293	5,562
15	Chiwe	465	4.9	2,298	1,199	1,099	2,615
16	Mamini	1,511	4.4	6,722	3,281	3,441	7,649
17	Gota	323	4.8	1,549	773	776	1,763
18	Kachuta	1,058	4.1	4,388	2,143	2,245	4,993
19	Negomo	1,625	4.5	7,313	3,577	3,736	8,321
20	Kadzimwenje	975	4.5	4,342	2,121	2,221	4,941
21	Gwakwe	1,198	4.9	5,923	3,071	2,852	6,738
22	Ruyamuro	1,633	4.6	7,532	3,464	4,068	8,571
23	Kemutamba	616	4.6	2,804	1415	1,389	3,190
24	Mushongahande	498	4.2	2105	1024	1,063	2,396
Total		27, 953	4.4	123, 467	60, 304	63, 163	140, 490

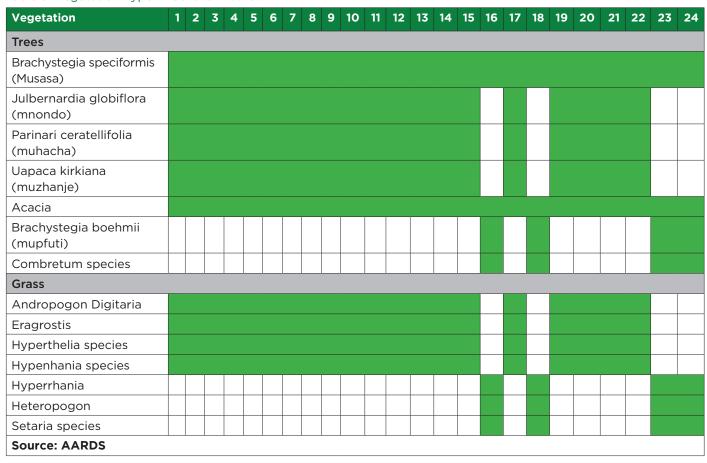
Source: ZimSTAT

For updated population figures, refer to Zimstat Census report (https://www.zimstat.co.zw)

1.5 Vegetation Characteristics

The vegetation is characterized by sparse to dense woodland with Savannah grasses. Communal areas have sparse vegetation whereas medium to dense vegetation cover is found in resettlement areas and the former purchase lands of Gota and Nyakapupu. The heavy metal laden Great Dyke has very sparse and stunted vegetation endemic to the Great Dyke area. Some acacia, water berries and brachystegia species are the common tree species in the district. Exotic tree species of the Eucalyptus order are playing an important role in revegetating most areas. Lantana Camara is invasive tree that has spread to almost every communal ward in the district eating up grazing land and waterways.

Table 5: Vegetation Type in Guruve District



1.6 Land Degradation

The major factors causing land degradation include but not limited to:

- Trampling by animals in communal areas particularly wards 4, 5, 19, 20, 23 and 24.
- Artisanal mining particularly in the western wards covering the Kachuta communal land and Nyakapupu areas, ward
 1 and 14 along the Great Dyke and Gota area. The un-surveyed mine roads and excavated areas are susceptible to water erosion and gully formation.
- Barren land, throughout the district are open to degradation.
- Cultivation on steep slopes particularly wards 19 and 20 where the land is hilly.
- Stream bank cultivation, a practice witnessed along all major rivers, dams and perennial stream.
- Deforestation mainly driven by wood energy for tobacco curing. Trees in the watershed zones are erroneously cut culminating in land degradation.
- The district faces uncontrolled veld fires burning underlying vegetation and humus therefore destroying existing and sprouting vegetation making the land susceptible to forces of erosion.
- Road culverts failures result in gully formation. Areas affected include ward 1, 13 and 15.

2. Development Indicators

2.1 Education Information

The number of schools have increased and the district managed to establish Guruve Vocational Training Centre. Out of the 34 secondary schools in Guruve 3 are privately owned, 5 are owned by churches and the remainder are owned by Guruve Rural District Council. Out of the 66 primary schools 4 are privately owned, 2 are owned by churches, 1 is owned by the Government of Zimbabwe and the remainder are owned by Guruve Rural District Council. Figure 3 shows the number of primary and secondary schools in Guruve District comparing the year 2016 against the year 2021.

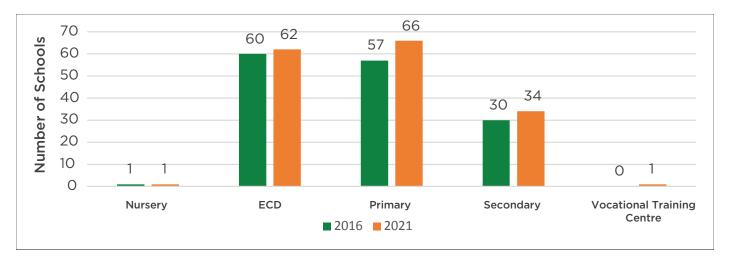


Figure 3: Number of Education Facilities in Guruve District (Source: MoPSE)

Table 6: Number of Primary and Secondary Schools in Guruve District

Years	Wards																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	Total
2016	3	3	4	3	2	3	3	2	2	1	2	3	6	1	2	1	1	2	2	2	4	1	1	2	56
2021	6	4	4	3	2	7	3	2	2	1	2	3	6	2	2	1	1	2	2	2	4	1	2	2	66
2016	2	1	1	1	1	4	2	1	2	0	1	2	1	1	1	1	1	2	1	1	1	1	1	0	30
2021	2	2	1	2	1	4	1	1	2	1	1	2	1	1	1	1	1	2	1	2	1	1	1	1	34
Source: MoP	Source: MoPSE																								

KEY: Secondary Schools Primary Schools

Challenges faced in the education sector:

- Most of the schools have inadequate learning classrooms.
- There are insufficient water and sanitation facilities.
- Most pupils walk long distance to school especially in resettlement areas.
- There is inadequate accommodation for teachers.
- There is high staff turnover.
- Most of the schools are not electrified.
- There is inadequate teaching aids and devices (textbooks, stationery, and computers).
- Lack of internet connectivity.
- Poor road networks.

2.2 Health Facilities

There are a total of 20 health facilities in the district which comprise of one hospital and 19 clinics. Most of the health facilities are under Guruve District Rural Council.

Table 7: Health Facilities in Guruve District

Name of Health Centre	Ward	Catchment Area (Wards)	Authority
Guruve District Hospital	6	All wards	Government
Guruve Centre	6	2, 5, 6 and 21	Council
Ruyamuro	22	1, 8, 14 and 22	Council
Bakasa	20	19, 20 and 21	Council
Bepura	12	9, 10, 12, 13 and 14	Council
Bvochora	16	16, 18 and 23	Government
Nyamhondoro	11	8, 11 and 14	Government
Shinje	7	7 and 22	Government
Negomo	19	19	Government
Kemutamba	23	23	Council
Gota	17	17	Council

Table 7: Health Facilities in Guruve District (continued)

Name of Health Centre	Ward	Catchment Area (Wards)	Authority
Kachuta	18	18 and 24	Council
Brandon	13	13	Council
Birkdale	14	14	Council
Chipuriro	8	7, 8 and 11	Council
Mugarakamwe	9	3, 9 and 15	Council
Camsasa	1	1	Council
Nyakapupu	3	3 and 10	Council
Nyamupfuta	2	2	Council
Matsvitsi	4	3,4	Council
Source: MOHCC			

Challenges

- High staff turnover.
- Patients walk long distances to reach the health facilities.
- Low stock status of medicines.
- Inadequate vehicles.

3 Water and Sanitation Information

3.1 Water Information

The number of water sources has had a significant increase from 2016 (943 boreholes) to 2022 (989 boreholes) in the district due to borehole drilling by DDF as well as other private partners that have come in hand in some wards. Currently there are 989 boreholes and deep wells in the district. However, the number of non-functional boreholes and deep wells (304) has remained high in the district because of lack of spare parts. Most boreholes have galvanized pipes shortages due to rust causing leaks and thread loosening on the pipes and rods. This has led to deterioration on the number of functional boreholes as well as cylinders and pump stands. The spare parts are also very old and therefore most of the boreholes need total rehabilitation which was last carried out in 2017. Only 70 boreholes out of 989 boreholes were rehabilitated.

Table 8: Distribution of Boreholes by Ward

	Ward Main Water Functional Non- Reasons for the Non- Reasons for Improvements,													
Ward		ain Water Per Ward	Functional Boreholes	Non- functional	Reasons for the Non- functioning of the	Reasons for Improvements/ Deterioration Compared to								
	2016	2022		Boreholes	Boreholes	2016								
1	26	27	17	10	Lack of spares	Borehole drilling								
2	24	26	18	8	Lack of spares	Borehole drilling								
3	35	35	23	12	Lack of spares	Borehole drilling								
4	46	46	31	15	Lack of spares	Borehole drilling								
5	68	70	52	18	Lack of spares	Borehole drilling								
6	34	36	24	12	Lack of spares	Borehole drilling								
7	51	55	40	15	Lack of spares	Borehole drilling								
8	50	52	39	13	Lack of spares	Borehole drilling								
9	45	46	35	11	Lack of spares	Borehole drilling								
10	58	60	44	16	Lack of spares	Borehole drilling								
11	172	174	137	37	Lack of spares	Borehole drilling								
12	69	70	49	21	Lack of spares	Borehole drilling								
13	34	36	22	14	Lack of spares	Borehole drilling								
14	28	30	18	12	Lack of spares	Borehole drilling								
15	17	20	12	8	Lack of spares	Borehole drilling								
16	20	22	12	10	Lack of spares	Borehole drilling								
17	13	17	10	7	Lack of spares	Borehole drilling								
18	25	25	17	8	Lack of spares	Borehole drilling								
19	31	32	22	10	Lack of spares	Borehole drilling								
20	19	22	11	11	Lack of spares	Borehole drilling								
21	20	24	15	9	Lack of spares	Borehole drilling								

Table 8: Distribution of Boreholes by Ward (continued)

Ward		ain Water Per Ward	Functional Boreholes	Non- functional	Reasons for the Non- functioning of the	Reasons for Improvements/ Deterioration Compared to
	2016	2022		Boreholes	Boreholes	2016
22	24	27	17	10	Lack of spares	Borehole drilling
23	15	17	10	7	Lack of spares	Borehole drilling
24	19	20	10	10	Lack of spares	Borehole drilling
Total	943	989	685	304		
Source	: DDF			,		•

Reasons for non-functioning of the boreholes:

- Lack of spare parts and tool kits for the District Maintenance team.
- Unavailability of transport for operations and maintenance.
- · Lack of community ownership, communities lack the concept of community-based management.
- Lack of training of Village Pump Minders (VPM) and Water Point Committees (WPM).

3.2 Sanitation Facilities

Most of the households in Guruve District do not have improved sanitation facilities due to lack of resources and lack of knowledge on the construction of improved sanitation facilities. The table below shows sanitation facilities by ward.

Table 9: Sanitation Facilities

Ward	Number of Households	Number of Toilets	Sanitation Coverage (%)
1	1,772	779	44
2	1,140	45	4
3	1,660	49	3
4	1,895	38	2
5	1,023	31	3
6	1,567	63	4
7	1,834	440	24
8	609	12	2
9	1,660	282	17
10	2,104	484	23
11	1,930	174	9
12	2,475	124	5
13	1,115	89	8
14	663	212	32
15	1,412	155	11
16	308	9	3
17	877	26	3
18	1,476	517	35
19	1,745	366	21
20	264	74	28
21	2,375	214	9
22	1,176	24	2
23	1,176	164	14
24	970	184	19
Total	33, 176	4,225	13
Source: MOHCC			

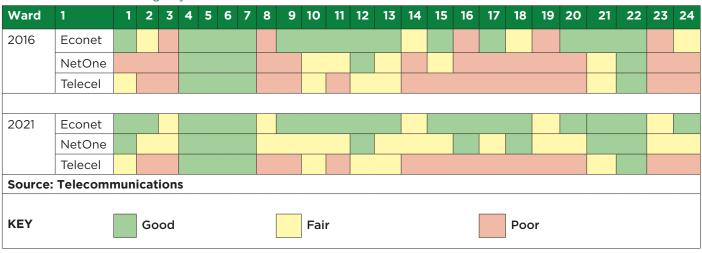
3.3 Transport

There are two major national roads in the district namely Harare - Guruve road and Guruve - Rafingora road. The roads are accessible, but they need major rehabilitation.

3.4 Communication

All mobile network providers are available in the district and their coverage is shown below. There are still some wards where mobile communication remains a challenge. Generally, there has been an improvement in the network coverage comparing the year 2016 against 2021.

Table 10: Network Coverage by Ward in Guruve District



4.0 Main Livelihood Sources

4.1 Main Livelihood Zones

Guruve district comprises of two main livelihood zones, namely Highveld prime communal and Highveld prime cereal and cash crop resettlement.

High Prime Communal

Crop production is the main source of income and food across all social groups. The main crops that are being produced include cereals, legumes, leaf crops, horticultural crops and also livestock production (poultry, goats and cattle).

High Prime Cereal and Cash Crop Resettlement

Crop production is the main source of income and food. The main crops that are being produced include cereals, cash crops and also livestock production (poultry, goats and cattle).

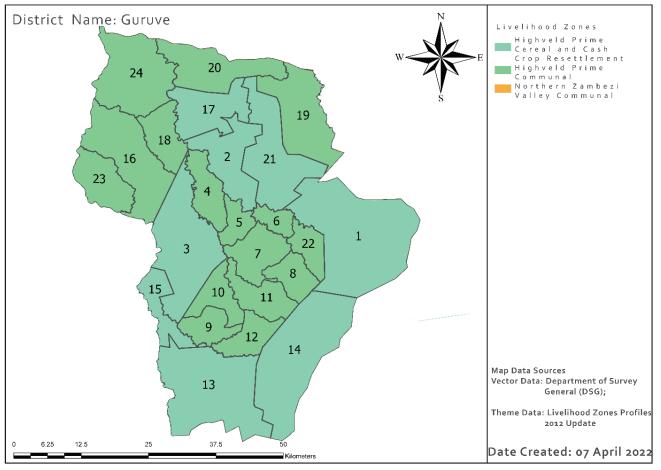


Figure 4: Livelihood Zones by Ward

Table 11: Economic Zones in Guruve District

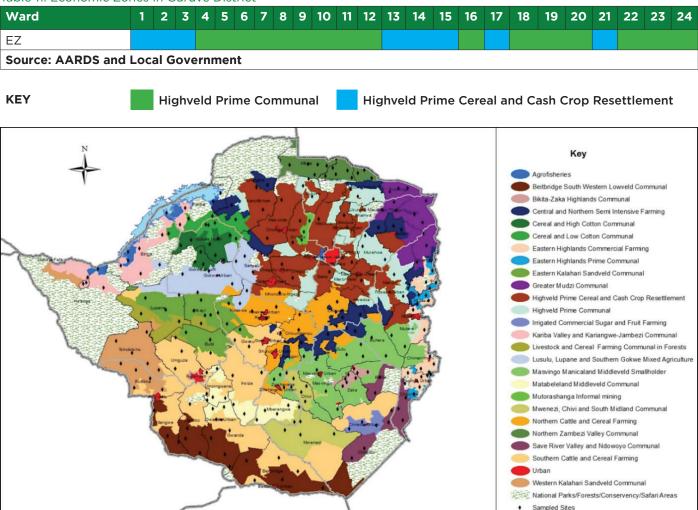


Figure 5: Main Livelihood Sources by Ward

Main Livelihood Activities

Most of the households in Guruve District depend on farming, mining and retailing. The main livelihood activities in Guruve District include crop and livestock production, casual labour, petty trading, artisanal mining, large scale mining, craft work and cross border trading. Crop and livestock production is done in all wards. Casual labour is mainly done by the poor households and more prominent in Wards 1, 2, 6, 7, 13, 14, 15, 17, 21 and 22. This usually consists of Landpreparation, planting, harvesting, weeding, brick moulding and domestic chores. Petty trade which includes vending of clothing, vegetables and household utensils is done across all the wards in the district. Mining is done in Wards 3, 5, 7, 12, 16, 23, 24, 17, 19, 1 and 6. In Ward 6 there is craft work. Table 11 shows the main livelihood sources in the district by ward.

Table 12: Main Livelihood Sources by Ward.

Main Livelihood Sources	Wards / Area	Commonts	Description
Main Livelinood Sources	Wards / Area	Comments	Description
Crop and livestock	All wards	The low wealth quintile	These households practice dry land farming
production		households mainly practice	as well as irrigable farming. The examples
		casual labour. The high	of crops include maize, tobacco, soybeans,
		wealth quintile households	sugar beans, groundnuts, African peas and
		mainly practice cereal,	horticulture (leaf vegetables, tomatoes,
		cash crops and livestock	onions, carrots, sugar beans.
		production.	
			All types of poultry, cattle, and goats.
Casual labour	1, 2, 6, 7, 13, 14,	Low wealth quintile	Land-preparation, planting, harvesting,
	15, 17, 21 and	households survive through	weeding, brick moulding and domestic
	22	casual labour.	chores.
Petty trading	All wards	All wealth quintiles	Vending (clothing, vegetables, household
			utensils)
Artisanal mining	3, 5, 7, 12, 16,	All wealth quintiles	
	23, 24, 17 and	·	
	19		

Table 12: Main Livelihood Sources by Ward (continued)

Main Livelihood Sources	Wards / Area	Comments	Description
Large scale mining	1 and 6	High wealth quintile	Chrome, gold
Craft work	4	All wealth quintiles	Weaving, sculpture, pottery
Cross border trading	All wards	All wealth quintiles	Buy and sell assorted products
Source: Guruve RDC			

4.2 Natural Regions and Climate

The district is in five agro-ecological zones namely IIa, IIb, III, IV and Va (Figure 6). The district typically receives moderate to high rainfall and the project implementation should ensure that trenching is planned for off the rain season period. Rainy season starts in November and ends in March. There are 9 wards that are in region IIa, namely wards 1, 8, 9, 10, 11, 12, 13 and 14. Intensive farming is practiced in this region. It covers ward 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 15, 21 and 22. Region III comprises of ward 2, 3, 4, 15, 16, 17, 19 and 21 and there is semi-intensive farming. Region IV covers wards 16, 17, 18, 19, 20, 23 and 24. Natural region Va, which is suitable for extensive farming partly covers wards 20 and 24.

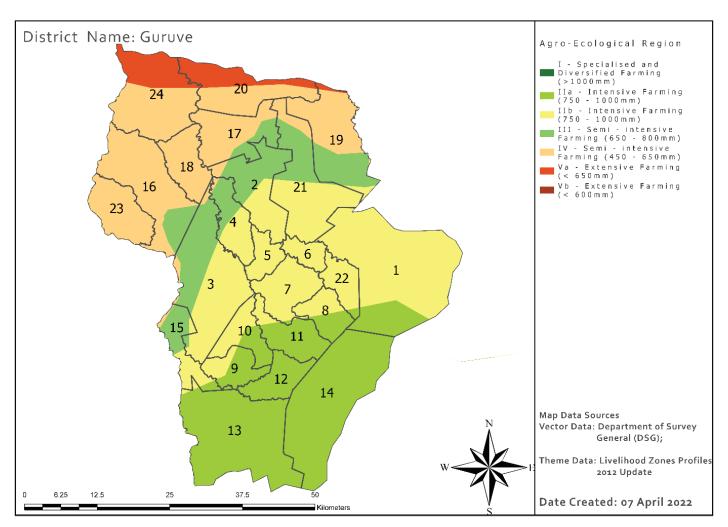


Figure 6: Agro-ecological Regions in Guruve District (Source: AARDS)

The typical tropical seasons in Guruve are divided into winter and summer with cool winter temperatures ranging between 11 and 29 degrees Celsius and warm summer temperatures ranging between 23 and 32 degrees Celsius. There are occasional incidences of frost in winter.

Table 13: Temperatures in Guruve District (January - December)

Month	1	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
rature	Normal (°C)	20.6	20.3	20.0	18.9	16.8	14.7	14.6	16.6	20.1	22.2	21.9	20.7
be	Warmest (°C)	20.6	25.7	26.0	25.6	24.2	22.4	22.4	24.6	28.0	29.4	28.3	26.2
Tem	Coldest (°C)	17.0	16.8	16.0	14.0	11.1	8.7	8.3	9.7	13.0	15.8	16.8	16.9

4.3 Mean Annual Rainfall

In a typical year rain starts in November and ends in March. The district receives annual rainfall averaging between (650-1000 mm /annum). Agro ecological region IIa and IIb receives rainfall of 750mm -1000mm/annum. In region III, the rain ranges from 650mm - 800mm/annum. In zone IV, the rainfall ranges from 450 mm to 650mm while region V receives less than 600mm/annum.

In 2016/17 season to 2020/21 the average rainfall recorded was between 539 and 810mm, which is lower than the expected and this could be due to effects of climate change.

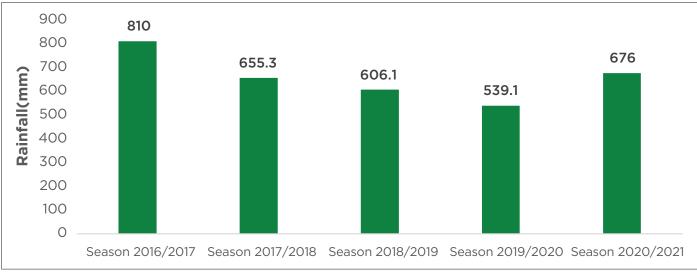
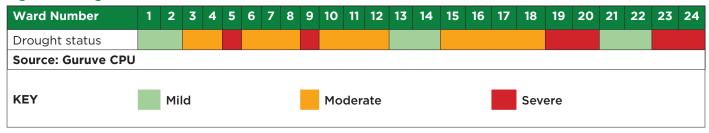


Figure 7: Cumulative Rainfall Pattern for Guruve District

4.4 Drought Prone Areas

As a result of climate change, there has been changes in rainfall distribution throughout the district posing a serious threat to crop and livestock production. The table below shows the drought prone areas in Guruve District.

Figure 8: Drought Prone Wards



4.5 Flood Prone Areas

There are no flood prone areas in Guruve District, however the risk of floods remains moderate.

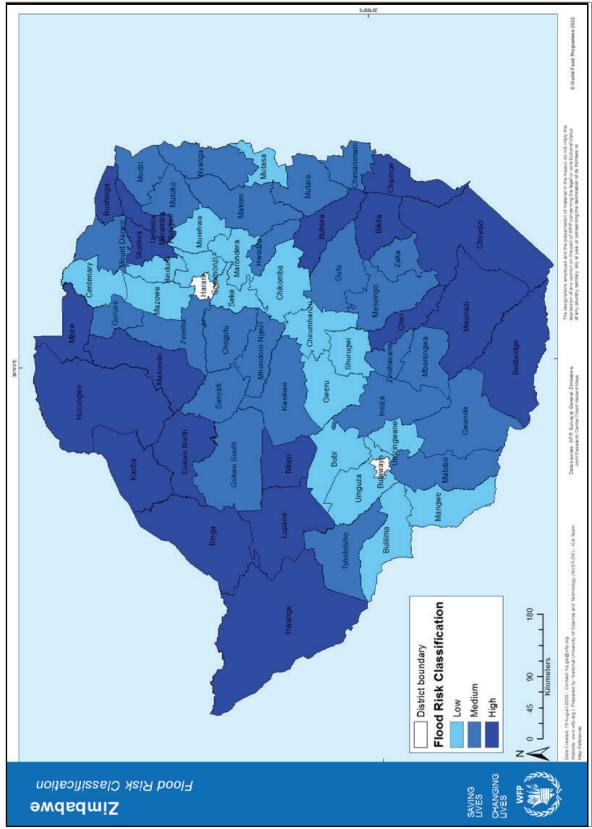


Figure 9: Flood Prone Areas in Zimbabwe

4.6 Hydro-geological Conditions

The major rivers in the district are Dande, Kadzi, Mavare, Msitwe, Shinje, Mwembezi and Impinge which are tributaries of Manyame, which drains into the Zambezi River. These rivers are mostly for agricultural purposes. There are 32 major dams in the district excluding one which is still under construction. These dams are mainly used for agricultural

and domestic purposes. All the major dams are being affected by siltation and dam walls need maintenance. The table below shows the major dams by ward in Guruve District.

24 23 22 20 19 18 16 WARDS 12 9 œ 9 4 M 7 2,700 1,320 420 1,800 450 009 1,800 900 1,150 2,159 1,800 900 900 4,000 4,950 1,350 006 1,300 1,430 1,350 700 450 009 009 350 630 1,630 450 450 15,000 318 120 MGL 995 Table 14: Distribution of Major Dams by Ward Source: Lower Manyame Sub-Catchment Council Dande (under construction) Matetano Tengenenge **Gurungwe Estate** Nyamupfuta Major dams Chimanikire Nyamuseve Chikonyora Mangondo Chengoma Brookfield Mwembezi Maidavale Mudhindo Redlichen Dunaverty Muzhanje Nyabvuti Tenanog Amajuba Camsasa Brandon Birkdale Chiringe Penrose Vilvekia Siyalma Chiropa Nanital Mtsviti Karoe Kazilo Disi

4.7 Soil Type and pH

In Guruve District the soils are mainly sandy loams, loam sands and pockets of sandy clay loam. Sandy clay in Kachuta, Nyakapupu, Gota, Horseshoe and V block. Sandy clay is in all the communal areas. The bulk of the soils in Guruve District are moderately acidic which results in low yields, therefore, there is a need to recommend for soil conditioning. The figure below shows the PH levels for the soils in Guruve District.

4.8 Soil Types

The dominant soil types in the district include sandy soils, sandy loam and heavy clay soils. The majority of the wards (21) have sandy clay. Only ward 14 has sandy loam soils with wards 20 and 22 having sandy soils.



Figure 10: Soil Types by Ward

5.0 Crop Information

5.1 Farming Sectors and Crops Grown

The District has six farming sectors, namely Small Scale Commercial Farming Area, A1, A2, Communal Large Scale Commercial Farming and Old Resettlement Area.

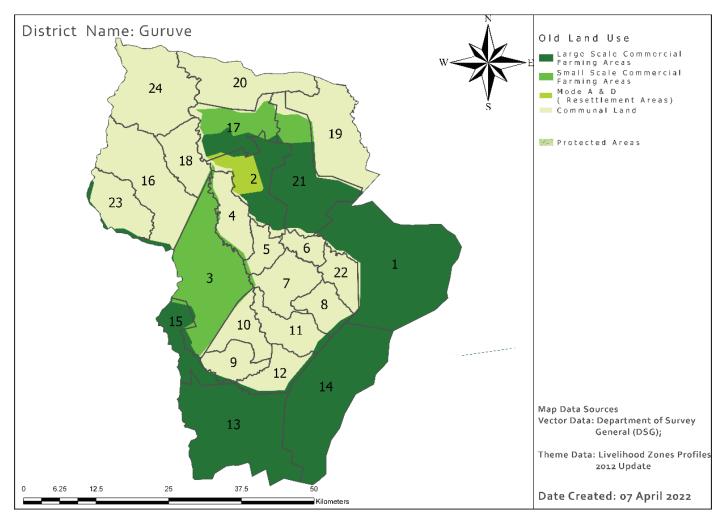


Figure 11: Major Crops Produced in Guruve District

Guruve is divided into six farming sectors and has a total of 30, 725 households. The total arable land in Guruve District is 63, 490.733. Table 15 shows farming sectors and area coverage. The highest proportion of the households is in the communal areas (79%) and is occupying 18% of the arable land. A quarter of the land are A1, occupied by 16% of the households whilst another quarter are large commercial farms.

Table 15: Area Coverage of Main Farming Sectors and Proportion of Households in the District

Farming Sector		Area		Households		
	Hectares	Percentage %	Number	Percentage %		
Small scale commercial farming	6, 335.1	9.98	660	2.15		
A1	5, 996.0	25.19	4,895	15.93		
A2	12, 833.2	20.21	352	1.15		
Communal	1, 464.2	18.06	24,210	78.80		
Large scale commercial farming	5, 877.2	25.01	11	0.04		
Old resettlement	985.0	1.55	597	1.94		
Total	63, 490.7	100.0	30, 725	100		

The major crops grown in Guruve are maize, tobacco, groundnuts, traditional grains, soya beans, sugar beans, cotton, sunflower, sweet and Irish potatoes (Figure 9). maize, tobacco, soya beans are grown across all the wards. Sugar beans are grown across the 20 wards except wards 1, 13, 14 and 21 which are Large Scale Commercial Farming. Wheat is grown only in large scale commercial farming areas, that comprise wards 1, 13, 14 and 21. Only 2 wards (3 and 17) produce Irish potatoes.

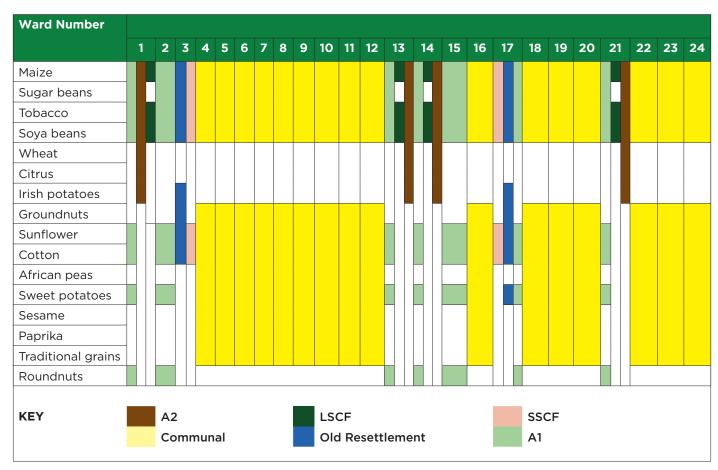


Figure 12: Major Crops Produced in Guruve District by Ward (Source: AARDS/Lands)

5.2 Irrigation Schemes

The district has two major irrigation schemes and crops that are grown include wheat, maize, soya beans and sweet-potatoes. There are plans in place to include horticulture in the cropping calendar. The table below shows the irrigation schemes in Guruve District:

Table 16: Distribution of Irrigation Schemes by Ward

Ward	Name of Irrigation Schemes	Total Area (Hectares)	Status
1	Siyalima	50	Functional
21	Nyamuseve	50	Functional

5.3 Challenges Faced by Farmers

- Droughts .
- Poor rainfall distribution resulting in severe wet or dry spells.
- Outbreak of diseases and pests such as Fall army worm and African army worm.
- High cost of inputs.
- Late onset of the rain season (effective rains).
- Lack of draught power for early land preparation
- Shortage of markets for produce
- Lack of adequate knowledge on crop production .

6.0 Crop Production Trends

6.1 Crop Production Trends

In the 2016/17 farming season, most farmers got support from the government through command agriculture. During the year 2017/18 there was poor rainfall distribution resulting in the decline of crop production. For the seasons 2019/20 and 2020/21 there was an increase in crop production as a result of even rainfall distribution.

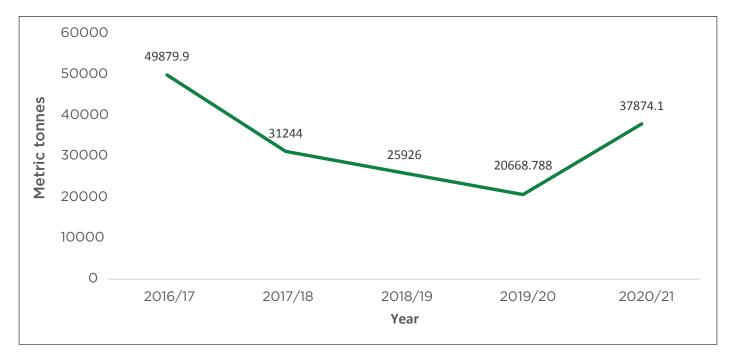


Figure 13: Crop Production Trends

6.2 Cropped Area Hectares

The table below shows the cropped area in Guruve District for the past five years:

Table 17: Cropped Area Hectares

Crop	2016/17	2017/18	2018/19	2019/20	2020/21
Maize	21 304.6	31, 244	37 038	35, 156	34, 431
Sorghum	24.11	54	136	102.75	209
Cotton	1, 018.8	360	401	768.7	1,431
Tobacco	5, 782.81	5,970	8,728.32	7,282	6,910
Groundnuts	903.1	708	1860	658	805
Soya beans	1, 267.3	1,694	906	756	1,461
Sugar beans	1, 019.2	501	4,016	1,178	1,520
Cow peas	219.35	192	562	298	294
Groundnuts	25.19	25	63	19.3	21
Sweet potato	190.1	42	126	54	194
Rapoko	16.5	20	11	16	6
Source: AARDS	-				

As shown in the table above the area planted for crops is not uniform from 2016 to 2021 due to changes in weather and availability of supporting partners.

6.3 Cropped Area Trends for Major Crops

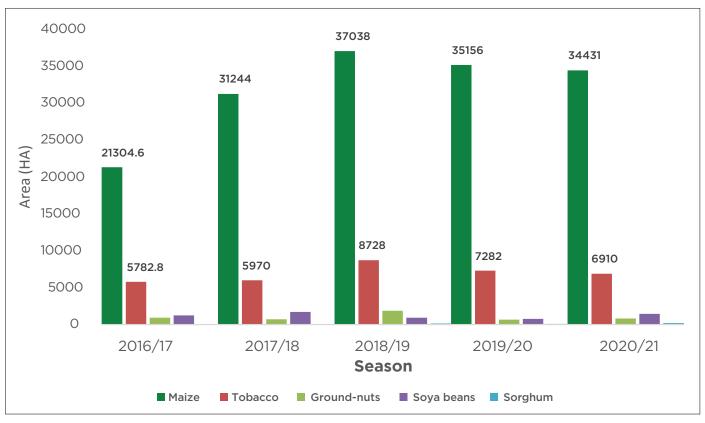


Figure 14: Cropped Area of Major Crops

Source: AARDS

There has been an increase in the area planted for maize due to the introduction of Government programs such as Command Agriculture and the Presidential Input Scheme. There has been an increase in the area planted for tobacco due to an increase in the number of contracting companies. There has been no significant change in the area planted for soya beans, sorghum and groundnuts due to lack of support from the Government and development partners.

6.4 Grain Marketing Board Trends for Cereals

Table 18: Marketing Trends of Cereal Sold to the Grain Marketing Board by Farmers

Crop	2016	2017	2018	2019	2020	2021
Maize (t)	528.370	13 753.230	15 475.266	7 531.092	2 213.207	21 227.080
Source: GMB	·	<u> </u>				

Deliveries of cereals to GMB have been affected by season focus, partner availability and price and payments by GMB.

6.5 Cropping Calendar

Table 19: Cropping Calendar for Guruve District

Activity	Jan	Fe	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Land preparation												
Planting												
Weeding												
Harvesting												
Marketing												
Source: AARDS												

Agricultural activities start in July by doing land preparation, followed by planting which stretches from October up to December. Other agricultural management practices include weeding, harvesting and marketing are normally from November up to April.

7.0 Livestock

7.1 Main Types of Livestock Ownership

Ordinarily most communal households own only cattle or more cattle than goats. In Guruve the environment is suitable to all classes of livestock. Farm households have more cattle than non-farm households.

Table 20: Average Livestock Holding Per Ward

Ward	Agro-ecological		20	16			20	21	
	Region	Cattle	Goat	Sheep	Chicken	Cattle	Goat	Sheep	Chicken
1	2a	513	550	350	1,298	1,080	619	396	3,650
2	2a	2,775	896	41	5,902	3,342	965	87	8,254
3	3	2,332	909	42	3,480	2,899	978	88	5,832
4	2a	3,367	257	5	1,990	3,934	326	51	4,342
5	2a	3,590	3,180	45	8,560	4,157	3,249	91	10, 912
6	2a	3,064	316	101	1,413	3,631	385	147	3775
7	2a	4,199	150	-	2,330	4,766	219	46	4,682
8	2a	2,644	1,800	7	1,250	3,211	1,869	53	3,602
9	2a	1,100	625	-	747	1,667	694	48	3,099
10	2a	1,095	2,300	48	2,144	1,662	2,369	94	4,496
11	2a	5,130	800	25	1,500	5,697	869	74	3,852
12	2a	2,230	850	55	1,500	2,797	919	101	3,852
13	2a	4828	1,500	169	4,512	5,395	1,569	215	6,864
14	2a	1,150	690	25	2,780	1717	759	75	5,132
15	2a	2,279	445	53	3,093	2,846	514	99	5,445
16	2a	2,645	115	100	2,220	3212	184	146	4,572
17	2a	1,052	129	15	1,015	1,622	198	64	3,367
18	2a	3,571	300	45	2,695	4,138	369	91	5,047
19	3	2,277	174	32	4,052	2,844	243	83	6,404
20	3	2,795	770	37	2,880	3,362	839	83	4,238
21	2a	4,065	129	96	3,320	4,640	198	142	5,672
22	2a	2,644	125	-	2,620	3,211	200	46	4,972
23	3	1,220	3,360	50	1,720	1,787	3,429	96	4,072
24	3	3,480	700	28	1,300	4,047	769	78	3,652
Total		64, 045	21, 070	1,369	64, 321	77, 664	22, 732	2,494	120, 785
Source	: Livestock								

7.2 Main Livestock Diseases

There have been no cases of Foot-and-Mouth and Anthrax diseases in Guruve District, however Rabies remains the most prevalent disease affecting mainly wards 4, 16, 17, 18, 19, 10, 23 and 24. The wards that are commonly affected by Newcastle are wards 2, 6, 8 and 24 while Lumpy skin is prevalent across all the wards. Theileriosis is prevalent in wards 1, 12, 17, 21 and 22. Control of these diseases has been affected by shortages of resources and high cost of veterinary drugs.

Livestock Disease		Wards Mostly Affected																						
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Rabies																								
Newcastle disease																								
Lumpy skin																								
Theileriosis																								
Source: Livestock																								

Figure 15: Main Livestock Diseases in Guruve District

7.3 Dipping Facilities

There has been an increase in the number of dip-tanks that need rehabilitation due to the shortage of resources for maintenance. Only four dip tanks are working up to standard.

Table 21: Dipping Facilities in Guruve District

Number of Dip Tanks	Number of Functional Dip Tanks	Number of Dip Tanks Currently Under Rehab	Number of Dip Tanks Requiring Rehab
42	42	0	38
Source: Livestock			

The number of dip tanks has remained the same in all wards between 2016 and 2021

Table 22: Number of Dip Tanks by Ward in Guruve District

Year													V	/ard	s									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
2016	5	1	5	2	2	2	2	2	2	2	2	2	0	0	1	1	1	2	0	2	2	2	1	1
2021	5	1	5	2	2	2	2	2	2	2	2	2	0	0	1	1	1	2	0	2	2	2	1	1
Source: Livestock																								

7.4 Animal Health Centres

The district has a total of 17 functional animal health centres. Animal health centres in wards 3, 4, 5, 8, 13, 15 and 16 need proper infrastructure.

Table 23: Animal Health Centres in Guruve District

Number of functional animal health centres	17
Number of non-functional animal health centres	0
Number of community animal health workers/paravets	18

Some of the animal health centres needs establishment of proper offices.

Out of 24 wards the district has 17 functional animal health centres hence the need to capacitate all the wards to ensure effective control of livestock diseases.

Table 24: Functional Health Centers by Ward

Ward	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Number of functional health centres	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0

7.5 Other Livestock Establishments

Fodder production is still in its infant since the program has been recently launched by the government. There is need to capacitate and lobby for aquaculture.

Table 25: Other Livestock Establishment in Guruve District

Type of Establishment	Number of Establishments
Aquaculture (capture fisheries)	1
Aquaculture (ponds)	15
Apiculture	12
Dairy farms	1
Feedlots	8
Fodder production	13
Source: Livestock	

7.6 Challenges Faced by Livestock Farmers

- Siltation of natural water bodies due to stream bank cultivation hence livestock traveling long distance to water sources.
- Inadequate water sources for livestock.
- Unavailability and unaffordability of improved breeds.
- Poor market channels.
- Diseases such as black leg, lumpy skin, January disease.
- Inadequate grazing pastures leading deterioration of grazing areas.
- Few dip tanks resulting in livestock traveling long distances to dip tanks.
- Shortage of acaricides.

8.0 Markets

8.1 Livestock Markets

There is no formal trading in terms of livestock. The livestock markets are mainly between farmer to farmer, farmer to local butcheries and restaurant, public auction by Guruve RDC.

Table 26: Average Prices of Livestock

Livestock Type	Average Price 2016 (US\$)	Average Price 2022 (US\$)	Type of Market
Cattle	250	200	Farmer to farmer, farmer to local butcheries, public auction by Guruve RDC.
Goats	20	25	Farmer to farmer, farmer to local butcheries and restaurant, public auction by Guruve RDC.
Sheep	50	60	Farmer to farmer
Pigs	80	120	Farmer to farmer, farmer to local butcheries.
Broilers	5	6	Farmer to farmer, farmer to local butcheries and restaurant.
Indigenous Chickens	3	5	Farmer to farmer, farmer to local butcheries and restaurant.
Source: Livestock	(

Shortage of disposable income has caused the price of cattle to decrease. Due to out break of January disease farmers are disposing their livestock only to reduce risk as a result of low demand. For other livestock prices increased due to increased demand since consumers had become skeptical about beef due to increased deaths as a result of diseases.

8.2 Crop Markets

The main markets for crops are Guruve Centre, Kachuta, Bakasa, Mudhindo, and Ruyamuro as shown in Table 26.

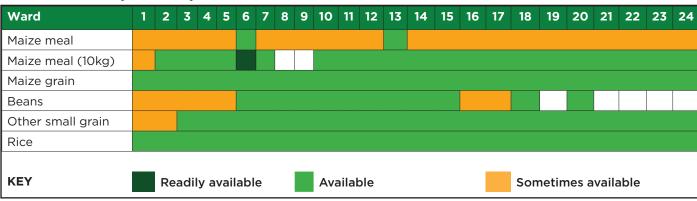
Table 27: Main Markets for Crop Produce

Market name	Ward Number	Commodity	Source of commodity	Availability
GMB Guruve GMB Kachuta	6,18	Maize, soya beans, sorghum, ground- nuts, cow peas	Farmers from all wards	Always available
Farmer to farmer	All wards	All crops	Other households	Sometimes available
Distant Markets (Neighbouring Districts)		Tobacco and all crops	Farmers	Sometimes available

8.3 Commodity Availability and Prices Per Ward

Maize grain and rice are available in all the wards. Mealie meal is mainly available in business centres such as Kachuta and Guruve Growth Point.

Table 28: Commodity Availability and Prices Per Ward



Maize grain prices vary from USD3.50 to USD4.00. The price of beans and other small grain is similar across the wards at USD0.50 and USD5.00 respectively Rice price ranges from USD1.80 to USD2.00.

Table 29: Commodity Availability and Prices Per Ward

Ward	-	2	м	4	ıc.	9	1 2 3 4 5 6 7 8	&	6	01	=	12	13	14 15		91	17	8	19	20	21	22	23	24
Maize Grain (bucket 3.50 3.00 3.50 3.50 3.50 4.00 4.00 3.50	3.50	3.00	3.50	3.50	3.50	4.00	4.00		4.00	4.00	3.50	4.00	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Beans (500g)	0.50	0.50	0.50	0.50	0.50	0.50	0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0 0:20	0.50	0.50
Other Small Grain (bucket)	5.00	5.00	5.00	5.00	5.00	5.00	5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Rice (per 2 kgs)	1.80	1.80	1.80	1.80	1.80	2.00	1.80 1.80 1.80 1.80 2.00 1.80 1.80	1.80	1.80	1.80 1.80		1.80	2.00	0 1.80	1.90	1.90	1.80	1.80	1.80 1.80	1.80	2.00	2.00	2.00	2.00

8.4 Market Challenges

- Shortage of ready cash (US\$), farmers resort to barter trading.
- No standardized price for produce.
- Delays in processing of payments.
- Poor road network.
 - Price fluctuations.
- Distant markets.

8.5 Labour Markets

Crop and livestock production provides most seasonal labour opportunities and firewood selling provides the least labour opportunities in the district.

Table 30: Labour Markets Available in Guruve District

Ward		-	α	m	4	9	7	ω	6	2	=	12	13	7	5	16	11	22	19	20	21	22	23	24
Casual labour	40%																							
Brick moulding	20%																							
Artisanal mining	40%																							
Petty trading	30%																							
Crop and livestock production 90%	%06																							
Skilled trade / artisan	%8																							
Firewood selling	2%																							
Source: AARDS																								

8.6 Market Seasonal Calendar

In a typical year people rely on food purchases from January to March. The lean hunger period starts from October and peaks in January and ends in March.

Table 31: Market Seasonal Calendar for Guruve District

Item	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Food purchases												
Lean/hungry period												
Source: AARDS												

8.7 Calendar for Food Purchases for a Drought Year in Guruve District

A drought year for Guruve is characterized by food purchases for 10 months (January-March then June-December) and lean hunger period will be all the months of the year.

Table 32: Calendar of Food Purchases for a Drought Year

Item	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Food purchases												
Lean/hungry period												
Source: AARDS												

8.8 Market Challenge

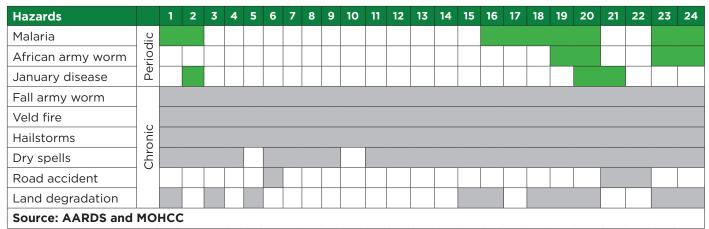
- •Shortage of ready cash (US\$), farmers resort to barter trading
- No standardized price for produce
- Delays in processing of payments
- Poor road network
- Price fluctuations
- Distant markets

9 Common Hazards

9.1 Periodic and Common Hazards

In Guruve District the major hazards are fall army worm, veld fires, hailstorms, and dry spells, which are prevalent in all wards. Fall and African army worms are a result of the inadequacy of traps for surveillance (Table 33).

Table 33: Periodic and Chronic Hazards in Guruve District by Ward



10 District Development Priorities

10.1 Guruve District Development Priorities

The major development priorities required in Guruve District include income generating projects, irrigation infrastructure development, water supply-boreholes, and piped water schemes, agricultural markets availability and access development, road infrastructure development. The table below shows the major development priorities in Guruve District:

Table 34: Development Priorities in Guruve District

Development Priority	Rank	Wards Targeted	Comment
Income generating projects	1	All ward	•There is need to set aside funds for all vulnerable groups •Source of funding Guruve RDC
Irrigation infrastructure development	2	1, 2, 6, 13, 14, 18, 19 and 21	 There is need for irrigation establishment and rehabilitation in all wards with perennial water sources. Source of funding Guruve RDC and Irrigation Department
Water supply- boreholes, piped water schemes	3	All wards	 Drilling and fitting of 10 new boreholes in wards 5, 7, 9, 12, 13, 14, 16, 17, 19 and 24 Rehabilitation of boreholes in all wards Establishment of 2 piped water schemes in ward 7 and 22. Water connection to 400 residential stands in ward 6 and 7. Source of funding Guruve RDC, ZINWA, DDF, Eureka Gold Mine

Table 34: Development Priorities in Guruve District

Development Priority	Rank	Wards Targeted	Comment
Agricultural markets availability and access development	4	All wards	There are few agricultural markets and poor road networks.
Road infrastructure development	5	All wards	Most of the roads are in bad state hence the need for road rehabilitation programs in wards source of funding Guruve RDC
Source: Guruve RDC			

11 Food Security

Food insecure households decreased in 2021 due to government programs such as Command Agriculture and Pfumvudza. The table below shows 2016 and 2021 food security. In 2016 only ward 1, 2, 8, 21, 23 and 24 were food secure and in 2021 all wards were food secure.

Table 36: Cereal Production by Ward

Ward	Cereal Production							
	20	16	20	22				
	Total Cereals	Surplus / Deficit	Total Cereals	Surplus / Deficit				
1	2,038	229	7,066	5,876				
2	849	404	7,252	6,927				
3	239	24	7,238	6,984				
4	524	-21	3,458	2,816				
5	181	-462	2,426	1,669				
6	199	-657	1,634	625				
7	430	-493	2,578	1,490				
8	1,188	-678	1,983	1,384				
9	632	0	2,870	2,126				
10	435	-83	1,978	1,368				
11	701	-61	3,860	2,962				
12	494	-247	1,484	610				
13	85	-643	3,353	2,495				
14	326	-240	3,623	2,956				
15	257	-9	1,418	1,104				
16	540	-239	1,472	554				
17	149	-30	2,983	2,771				
18	413	-95	1,976	1,377				
19	552	-295	1,622	624				
20	200	-303	873	280				
21	977	291	5,098	4290				
22	673	-199	2,763	1734				
23	918	593	3,888	3,505				
24	499	255	2,903	2,606				
Total	12, 699	-1,602	75, 999	59, 141				
Source: AARDS								

There has been an increase in the production levels from 2016 to 2021. All the wards that used to be food deficit are now self-sufficient.

11.1 Socio-economic Groups and Vulnerability Classification

Table 37 : Socio-economic Groups and Vulnerability Classification

Group	Characteristics
GROUP A Resilient	Have more than 20 cattle, produce more than 30 tonnes of grain, have houses in the town and growth point, send children to group A schools. They grow more than 20 hectares of maize, tobacco, soya, mainly cash crops, have enough cash, access to health facilities, are food secure, already benefit from growth and development through their own efforts through farming. They are able to manage drought seasons and shocks without external assistance.
GROUP B Food Secure	The group is self-reliant they have at least a beast and limited resources. They have access to land of at least 2 hectares and produce at least 500kg/ha of maize. This group has access to health facilities. They are not sufficiently able to meet food needs during drought seasons or in the event of shocks without selling produce or assets. The group may need minimum support during a crisis to safeguard their assets.
GROUP C Food insecure	Caretaker of other people's lands, mostly depend on donors. Households are highly food insecure as a result continuous exposure to drought, dry spells and high cost of inputs obstructing their ability to recover lost assets. They normally benefit from recovery and resilience building interventions at the same time improving their access to food. This group needs maximum support from the government and other development partners to strengthen the resilience.
GROUP D Highly food insecure	This is the most insecure and vulnerable group. This group does not have assets, descent shelter and land to cultivate. They rely more on begging. The group is made up of vulnerable groups i.e. orphans, chronically ill, widows/widowers and the elderly. They are highly food insecure, and are prone to exploitation and abuse i.e. child marriages, gender based violence, high school drop outs. They are always food insecure and need continuous social support programs.

11.2 Coping Strategies

The main copying strategies in the district include livestock sales, petty trading, artisanal mining, casual labour, brick moulding, crop sales and gardening (Table 35). Crop sales is practiced across all the wards. Casual labour is mostly available in summer whilst crop sales are common in a normal season.

Table 38: Table Coping Strategies by Ward

Ward	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Brick moulding																								
Casual labour																								
Crops sales																								
Gardening																								
Gold panning																								
Livestock sales																								
Petty trade																								
Source: AARDS																								

11.3 Guruve District Ranking of Food Insecure Wards.

Findings in Guruve District show that food insecurity is rife among the farm workers living in resettled farms whilst the owners of the farms are food secure. The wards with resettled farms are 1, 2, 3, 13, 14, 17, and 21. The table below shows the ranking of food insecure wards.

Table 39: Ranking of Wards by Food Insecurity Levels

Ward Number	Population	Food Poverty Prevalence (%)	Average Cereal from Own Production	Food Insecurity Ranks
1	8,473	27.00	5,876	23
2	3,384	28.60	6,927	24
3	2,214	25.30	6,984	12
4	4,664	37.30	2,816	14
5	5,514	30.00	1,669	13
6	7,300	18.50	625	15
7	6,625	27.30	1,490	16
8	4,367	30.60	1,382	20

Table 39: Ranking of Wards by Food Insecurity Levels (continued)

Ward Number	Population	Food Poverty Prevalence (%)	Average Cereal from Own Production	Food Insecurity Ranks
9	5,286	33.30	2126	7
10	4,150	32.10	1368	10
11	6,229	28.50	2962	11
12	6,343	32.60	610	18
13	6,173	28.30	2495	8
14	4,879	26.80	2956	17
15	2,241	27.00	1104	9
16	6,675	36.40	13808	4
17	1,545	32.50	2771	19
18	4,347	31.30	1377	5
19	7,302	42.30	624	1
20	4,289	39.10	280	2
21	5,826	27.90	4290	21
22	6,961	30.90	1734	22
23	2,791	40.10	3505	6
24	2,103	37.00	2616	3
Source: Zimbabw	re Food Poverty Atlas (2016)		
For updated pop	ulation figures, refer to	Zimstat Census report (http	os://www.zimstat.co.zv	v)

Table 37 shows the seasonal calendar for Guruve in a typical year. Casual labour is available across all the months.

Table 40: Seasonal Calendar for a Typical Year

Ward	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Attending to development meeting												
Brick moulding												
Building												
Casual labour												
Harvesting of produce												
Land preparation												
Planting of summer crop												
Land preparation for tobacco												
Planting horticultural produce												
Procurement of inputs												
Sales of agricultural produce												
Selling horticultural produce												
Sowing tobacco												
Tobacco harvesting												
Tobacco sales												
Weeding												
Source: AARDS												

12 Health and Nutrition

The prevalence of moderate acute malnutrition, severe acute malnutrition, low birth weight and overweight has remained constant for the past 10 years. However, there has been an increase of 5.1% in the prevalence of stunting for the past 12 years.

12.1 Prevalence of Malnutrition

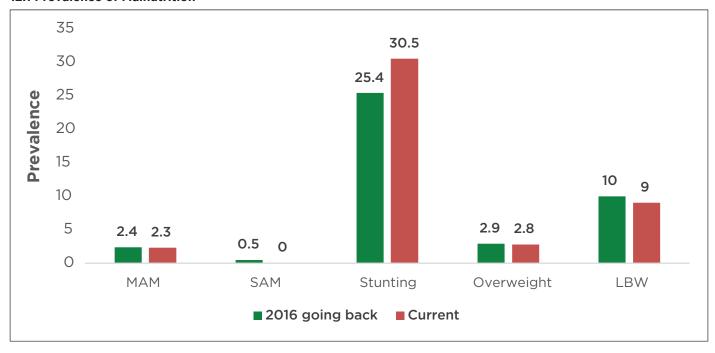


Figure 16: Prevalence of Malnutrition in Guruve District (Source: DHIS2, NNS 2010, NNS 2018)

12.2 Household Food Consumption Score

As shown in the figure above there is a general increase in the proportion of households consuming a poor diet in Guruve District over the past two years.

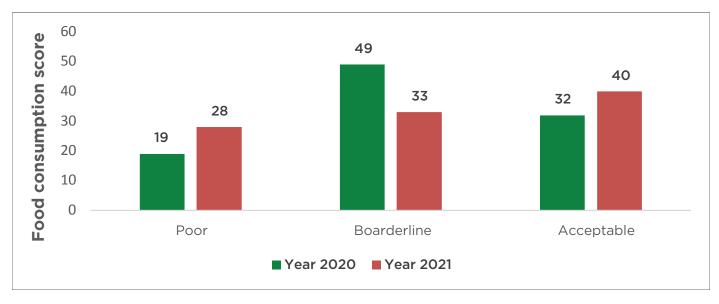


Figure 17: Household Food Consumption (Source: ZIMVAC 2020, 2021)

12.3 Consumption of Iron, Protein and Vitamin A

As shown in the figure above there has been a general increase in the consumption of iron, vitamin A and protein rich foods among households in Guruve District in the previous two years. However, the minimum dietary diversity for women has remained low although there has been a 12% increase of women consuming a diversified data.

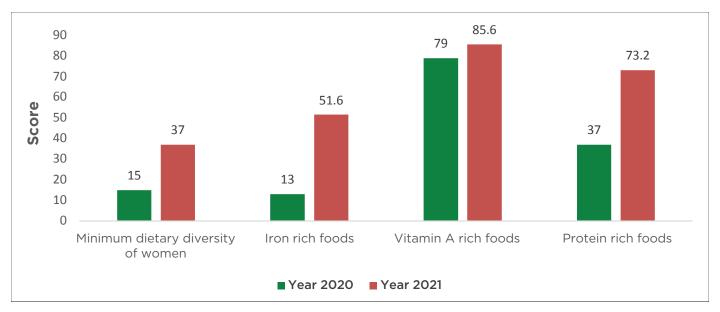


Figure 18: Consumption of Iron, Vitamin A, Protein Rich Foods and Minimum Dietary Diversity of Women (Source: ZIMVAC 2020, 2021)

12.4 Feeding Practices for Children Below 2 Years in Guruve District.

According to the table above, there has been an increase in the minimum dietary diversity comparing the year 2018 against 2021. However, the minimum dietary diversity has remained low at an unacceptable rate hence there is a need to strengthen the Infant and Young Child Feeding program.

Table 41: Feeding Practices in Children Below 2 Years of Age

Feeding Practice	Year 2018	Year 2021
Minimum meal frequency	24.6	76.2
Minimum dietary diversity	6.3	38.1
Minimum acceptable diet	14.8	14.3
Exclusive breastfeeding	45.5	Not available
Source: NNS 2018, ZIMVAC 2021		

12.5 Top Ten Diseases/Conditions

There has been an increase in hypertension, diabetes mellitus and skin diseases in Guruve District over the past five years, hence there is a need to conduct an assessment to determine the causes of the increase and formulate interventions to address the problems identified. The district has also been characterised by a decrease in diarrhoeal disease over the past five years and this can be attributed to increased knowledge on the importance of hygiene and use of proper water and sanitation facilities.

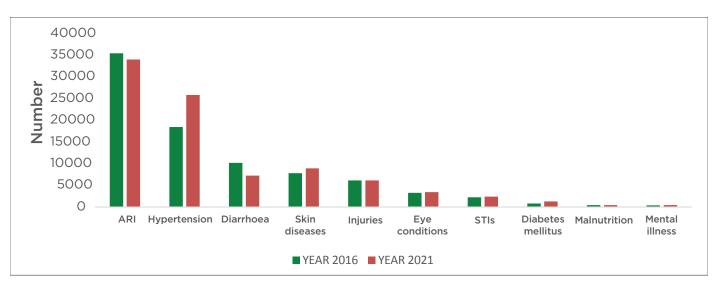


Figure 19: Top Ten Diseases/Conditions in Guruve District (Source: MOHCC DHIS2)

12.6 Top 5 Causes of Mortality

The top five causes of mortality in Guruve District include pneumonia, diabetes mellitus, hypertension, TB/HIV and AIDS related illnesses and injuries.

Table 42: Top 5 Causes of Mortality

Causes of Mortality
. Pneumonia
2. Diabetes mellitus
3. Hypertension
4. STIs
5. TB/HIV and AIDS related illnesses
Source: MOHCC DHIS2

12.7 Prevalence of Mortality in Children and Women

The infant mortality rate, maternal mortality ratio and prevalence of TB has remained high in the district hence there is a need to investigate the causes and formulate interventions to address the problems that would have been identified.

Table 43: HIV/TB Prevalence and Mortality in Children and Women

Indicator	Percentage
Infant mortality	6.89/1000
Child mortality	3.72
Under-5 mortality	4.1
Maternal mortality ratio	18.64/100000
Prevalence of HIV	10
Prevalence of TB	34/100000
Source: MOHCC DHIS2	

13 Development Partner Profiling

Table 44: A Summary of NGOs Operating in the District by Ward and Areas of Focus.

Organisation	Category (e.g. Food Assistance, FFA, WASH etc.)	Area of Intervention (More Details on the Activities Undertaken by the NGO)	Wards of Operation	GoZ Departments Working With NGO	MOU Operational Period
Pathways	Health, Education, Social economic stability	HIV/AIDS mitigation	All wards	Social Welfare, Health, Education	2018 - 2022
Zvandiri	Health	HIV/AIDS mitigation	12, 22 and 6	Social Welfare, Health, NAC	10 years
Zwecro	Community Based Organization	Women empowerment and children	All wards	Social Welfare, Health, Education	Demand driven
Musasa	Gender Based Violence	Gender based violence and women empowerment	All wards	All Stakeholders	2018 - 2022
Camfed	Education	Campaign for female education school fees payments	All ward	Social Welfare, Ministry of Education, MOHCC	

ਰ
Var
> >
ک ح
Jar
Ē
Sul
0.4
÷

Ward Priority	Income generating projects, water supply, agricultural markets, road infrastructure, imgation infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure, irrigation infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure, imgetion infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure
Food Insecurity Rankings	23	24	12	41	13	र्घ	91	20	7
Average Poultry Ownership	3650	8254	5832	4342	10912	3,775	4,682	3,602	3,099
Average Sheep Ownership	396	87	88	53	16	147	46	53	84
Average Goats Ownership	619	965	978	326	3249	385	219	1,869	469
Average cattle Ownership	1080	33.42	2899	3934	4157	3,631	4,766	3,211	1,667
Flood	2	<u>8</u>	2	2	8	9	<u>8</u>	2	9
Drought Prone	Mild	Σ	Moderate	Moderate	Severe	Moderate	Moderate	Moderate	Severe
Cereal	7,066	7,252	7,238	3,458	3,426	1,634	2,578	1,983	2,870
Coping Strategies	Crop and livestock sales, casual labour	Crop and livestock sales, casual labour	Crop and livestock sales, artisanal mining	Petty trading, brick moulding, artisanal mining,	Petty trading, brick moulding, crop sales, casual labour	Petty trading, brick moulding, crop sales, gardening	Brick moulding, crop sales, gardening	Brick moulding, crop sales, gardening	Crop and livestock sales, casual labour, petty trading, artisanal mining, brick moulding, gardening
Source of Income	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Grop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production
Agro -Ecological Zones	2a	2a	2a	2a	2a	2a	2a	2a	29
Livelihood Zone Description	Crop and livestock production is the main source of income and food.	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food
Livelihood Zone	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Crop Resettlement	High Prime Communal	High Prime Communal	High prime communal	High prime communal	High prime communal	High prime communal
Poverty Level	27	28	25.3	37.3	30	18.5	27.3	30.6	м м б
Access to Toilets %	44%	84	% M	2%	% %	%	24%	5%	%21
Access to Safe Water	1%	%	2%	2%	3%	%	%2	%61	% 0
HIV/Aids (High, Medium, Low)	Medium	Medium	Medium	Medium	Medium	High	Medium	Medium	Low
Malnutrition (High, Medium, Low)	Medium	Low	High	High	Medium	Medium	Low	Low	Pow
Number of Health Facility	-	-	-	-	0	-	1	-	-
Number of Hhs	1,772	1,140	1,660	1,449	1895	1,023	1,567	1,834	609
Ward Number	1	7	м	4	ro.	Q	7	ω	o

14.0 Summary by Ward (continued)

Ward Priority	Income generating projects, water supply, agricultural markets, road infrastructure	hcome generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure, irrigation infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure, irrigation infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	ncome generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure
Food Insecurity Rankings	01	E	81	ω	17	o	4	91
Average Poultry Ownership	4,496	3,852	3,852	6,864	5,132	5445	4,572	3,367
Average Sheep Ownership	46	47	101	215	75	66	146	64
Average Goats Ownership	2,369	869	919	1,569	759	514	28	198
Average / cattle C	1,662	5,697	2,797	5,395	7 717,1	2,846	3,212	1,622
Flood A Prone C	S S	2	0 Z	ο 2	0 0	0 Z	<u>8</u>	0 Z
Drought Prone	Moderate	Moderate	Moderate	Σ E	Aiid	Moderate	Moderate	Moderate
Cereal	1,978	3,860	1,484	3,353	3,623	1,418	1,472	2,983
Coping Strategies	Crop and livestock sales, casual labour, petty trading, artisanal mining, brick moulding, gardening	Crop sales, casual labour, petty trading gardening	Crop and livestock sales, casual labour, petty trading, brick moulding, gardening	Crop and livestock sales, casual labour	Crop and livestock sales, casual labour	Crop sales, casual labour, petty trading, artisanal mining, brick moulding, gardening	Crop sales, casual labour, petty trading gardening, artisanal	Crop and livestock sales, artisanal mining
Source of Income	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production
Agro -Ecological Zones	2a	Za	2a	2a	2a	2a	м	2a
Livelihood Zone Description	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food
Livelihood Zone	High prime communal	High Prime Communal	High Prime Communal	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Crop Resettlement	Hgh Prime Cereal and Cash Crop Resettlement
Poverty Level	32.1	28.5	32.6	28.3	26.8	27	36.4	32.5
Access to Toilets %	23%	%6	%	%8	32%	11%	3%	3%
Access to Safe Water	2%	7%	1%	1%	2%	2%	2%	%0
HIV/Aids (High, Medium, Low)	Medium	Medium	High	Medium	Medium	Medium	Medium	Low
Malnutrition (High, Medium, Low)	Low	Low	Medium	Medium	Low	Гом	Low	Medium
Number of Health Facility	0	_	· ·	-	-	-	-	-
Number of Hhs	1,660	2,104	1,930	2,475	1,115	663	1,412	308
Ward	Q	E	12	13	14	51	91	71

14.0 Summary by Ward (continued)

Ward Priority	Income generating projects, water supply, agricultural markets, road infrastructure, irrigation infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure, irrigation infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure, irrigation infrastructure	Income generating projects, water supply, agricultural markets, road infrestructure, irrigation infrestructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure	Income generating projects, water supply, agricultural markets, road infrastructure
Food Insecurity Rankings	ω	-	2	23	22	9	м
Average Poultry Ownership	6,864	6,404	5,238	5,672	4,972	4,072	3,652
Average Sheep Ownership	215	833	83	142	46	96	78
Average Goats Ownership	1569	243	839	82	200	3429	769
Average cattle Ownership	5,395	2,844	3,362	4,640	3,211	1,787	4,047
Hood Prone	O Z	o _Z	o z	o Z	O Z	o Z	°Z
Drought Prone	Mild	Severe	Severe	ρįμ	PIIM	Severe	Severe
Cereal Production	3,353	1,622	873	5,098	2,763	3,888	2,903
Coping Strategies	Grop and livestock sales, casual labour	Crop and livestock sales, artisanal mining	Crop and ivestock sales, casual labour, petty trading, brick moulding, gardening, artisanal mining	Crop and livestock sales, casual labour	Crop and livestock sales, casual labour, petty trading, brick moulding, gardening	Artisanal mining and crop sales	Artisanal mining and crop sales
Source of Income	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Crop and livestock production	Grop and livestock production	Crop and livestock production
Agro -Ecological Zones	2a	м	м	2a	2a	м	м
Livelihood Zone Description	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food	Grop and livestock production is the main source of income and food	Crop and livestock production is the main source of income and food
Livelihood Zone	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Crop Resettlement	Hgh Prime Cered and Cash Crop Resettlement	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Gop Resettlement	High Prime Cereal and Cash Crop Resettlement	High Prime Cereal and Cash Grop Resettlement
Poverty Level	28.3	42.3	39.1	279	30.9	40.1	37
Access to Toilets %	%8	21%	88	%6	2%	14%	%61
Access to Safe Water	1%	%	%	2%	12%	2%	2%
HIV/Aids (High, Medium, Low)	High	High	High	Medium	High	High	Low
Mahutrition (High, Medium, Low)	Medium	Medium	Medium	Low	High	High	Low
Number of Health Facility	1	1	-	0	-	1	0
Number of Hhs	877	1,476	1,745	264	2,375	1,176	970
Ward	18	91	50	23	22	23	42

Annex

District Profiling Team

District Team					
Name	Designation	Organisation			
Tavenhave Daphne	DDC	Local Government			
Cain Loki	District Agronomist	AARDS			
Raymond Matabire	District Nutritionist	монсс			
Godfrey Chirume	District Social Development Officer	Social Welfare			

NOTES	







