

# GWERU District District Food and Nutrition Security Profile





#### **Contents** Page

	List of Figures	3	7.7	Other Livestock Establishments	30
	List of Tables	3	7.8	Challenges Faced by Livestock Farmers	30
	Foreword	4			
	Acknowledgments	5	8	Markets	30
	Acronyms and Abbreviations	6	8.1	Livestock markets	30
			8.2	Crop Markets	3
1.	General Characteristics of the District	7	8.3	Commodity Availability and prices per ward.	31
1.1	Map of District	7	8.4	Labour Markets	32
1.2	Administrative Information	7	8.5	Market Seasonal Calendar	33
1.3	Population Information	8	8.6	Market Challenges	33
1.4	Vegetation Characteristics	9		<u> </u>	
1.5	Land Degradation	9	9	Common Hazards	33
			9.1	Hazard Profile and Mapping	33
2	<b>Development Indicators</b>	9	9.2	Periodic and Chronic Hazards	35
_ 2.1	Education Information	9			
2.2	Electrification in Schools	10	10	District Development Priorities	36
2.3	Health Facilities by Type	11			
2.4	Settlement Types	11	11	Food Security	36
	Sectionic Types		11.1	Socio Economic Groups and Vulnerability	
3.	Other Development indicators	12		Classification	37
3.1	Water and Sanitation Information	12	11.2	Visible Vulnerabilities for the Socio-economic	0,
3.2	Sanitation Facilities	14	11.2	Groups	37
3.3	Transport and Communication	15	11.3	Visible Vulnerabilities for the Socio-economic	37
3.3.1	Transport and Communication  Transport	15	11.5	Groups	37
3.3.2	Communication	16	11.4	Coping Strategies	37
J.J.Z	Communication	10	11.5	Ranking of Food Insecure Wards Per District	37
4.	Main Livelihood Sources	16	11.6	Seasonal Calendar	38
		18	11.0	Seasonal Calendal	30
4.1	Main Challenges Affecting Livelihood Activity		12.1	Food Aid Trends (Food Security Livelihoods	
4.2	Poverty Levels in Covery	18 18	12.1	Cluster 5 W matrix)	39
4.3	Poverty Levels in Gweru	10		Cluster 5 W matrix)	3:
5	Agriculture Information	19	13	Nutrition	39
5.1	Natural Regions and Climate	19	13.1	Prevalence of Malnutrition, HIV and TB	
5.1.1	Natural Regions	19		(District-Level)	39
5.1.2	Mean Annual Rainfall	20	13.2	Feeding Practices in Children Under 2 Years	
5.2	Drought Prone Areas	21		of age	39
5.3	Flood Prone Areas	22	13.3	Food Consumption Patterns by Women and	
5.4	Hydro-geological Conditions	23		in the Households	40
			13.4	Top Ten Common Diseases in the District	40
6	Crop Information	23	13.4	Top 5 Causes of Mortality	41
6.1	Farming Sectors and Crops Grown	24	13.5	Prevalence of Mortality in Children and	
6.2	Irrigation Schemes	25		Women	41
6.3	Major Challenges in Irrigation Schemes	25			
6.4	Crop Production Trends	25	14	<b>Development Partner Profiling</b>	42
7	Livestock	26		Summary by Ward	45
- 7.1	Main Types of Livestock Ownership - Based on				
	Secondary Data from Surveys/Assessments	26		Annex	47
7.1.1	Poultry Production	27			.,
7.1.2	Sheep and Goats	27			
7.1.2	Main Livestock Diseases	29			
7.2 7.3	Dipping Facilities	29			
7.3 7.4	Animal Health Centres	29			
7. <del>4</del> 7.5	Livestock Holding	25			
7.5 7.6	Distribution of Herd Size	30			
,.U	DISCIDATION OF FIGURALE	50	I .		

### **List of** Tables

#### **List of** Figures

Table 1:	Chiefs and Headman's by Ward	8
Table 2:	Population Projections by Ward for Rural	
	Gweru	8
Table 3:	Schools Under Vungu (Gweru) Rural	
	District Council	9
Table 4:	TotalNumber of Schools and Teachers in	
	Gweru Rural	10
Table 5:	Health Centers in Gweru Rural	11
Table 6:	Settlement Types (2016 vs 2022)	11
Table 7:	Water Sources by ward	12
Table 8:	Distribution of Boreholes by Ward	13
Table 9:	Toilet Access by Ward (2016 vs 2021)	14
Table 10:	Network Coverage by Ward	16
Table 11:	Summary of Economic Zones	16
Table 12:	Livelihood Zones in Gweru District	17
Table 13:	Summary of Economic Zones	18
Table 14:	Agroecological Regions	19
Table 15:	Distribution of Major Dams by Ward	23
Table 16:	Distribution of Main Farming Sectors	
	and the Different Crops Grown	24
Table 17:	Distribution of Irrigation Schemes by	
	Ward	25
Table 18:	Cereal Production and Adequacy by	
	Ward	26
Table 19:	Number Of Cattle In The District	26
Table 20:	Poultry Production Trends	27
Table 21:	Goat Statistics By Ward	27
Table 22:	Sheep Statistics By Ward	28
Table 23:	Average Livestock Holding Per Ward	28
Table 24:	Livestock Diseases By Wards	29
Table 25:	Dip Tanks In Gweru Rural	29
Table 26:	Functional And Non-Functional Dip Tanks	29
Table 27:	Functional Animal Health Centers	29
Table 28:	Percentage Of H/H That Own Livestock	30
Table 29:	Livestock Statistics Per H/H	30
Table 30:	Other Livestock Establishments	30
Table 31:	Average Livestock Prices (2016 Vs 2022)	31
Table 32:	Crop Markets In The District	31
Table 33:	Commodity Availability And Prices By	
	Ward As Of November 2021	32
Table 34:	Labor Opportunities In Gweru Rural	32
Table 35:	Food Purchases Calendar In A Good Year	33
Table 36:	Food Purchases Calendar- Drought Year	33
Table 37:	Hazard Profile Of Gweru Rural District	34
Table 38:	Periodic And Chronic Hazards	35
Table 39:	District Development Priorities	36
Table 40:	Ranking Of Wards By Food Insecurity	
	Levels	38

Table 41:	Food Aid Trends By Ward	39
Table 42:	Prevalence Of Malnutrition, HIV and TB	
	(2017 To 2021	40
Table 43:	Feeding Practices For Children Under	
	2 Years Of Age	40
Table 44:	Food Consumption Patterns By Women	40
Table 45:	Top Ten Diseases In the District	41
Table 46:	Top Causes Of Mortality	41
Table 47:	Prevalence Of Mortality In Children and	
	Women	41
Table 48:	Summary Of Ngos Operating In The	
	District By Ward	42
Table 49:	A summary of NGOs Operating in the	
	District by Ward and Areas of Focus	
	(Intervention).	44

Map of Gweru	7
Road Networks, Chiwundura	15
Road networks, Lower Gweru	15
National Livelihood Zones Map	17
Poverty Atlas Map (2015)	19
Agroecological Regions by Ward	19
Gweru Soil pH by Ward Map	20
Mean Annual Rainfall	20
Drought Prone Areas	21
Flood Prone Areas	22
Food Insecurity Trends in Gweru Rural	
(2016 to 2021)	36
SLP Calendar for a Typical Year	38
	Road Networks, Chiwundura Road networks, Lower Gweru National Livelihood Zones Map Poverty Atlas Map (2015) Agroecological Regions by Ward Gweru Soil pH by Ward Map Mean Annual Rainfall Drought Prone Areas Flood Prone Areas Food Insecurity Trends in Gweru Rural (2016 to 2021)

## 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

#### 1.1 Map of District

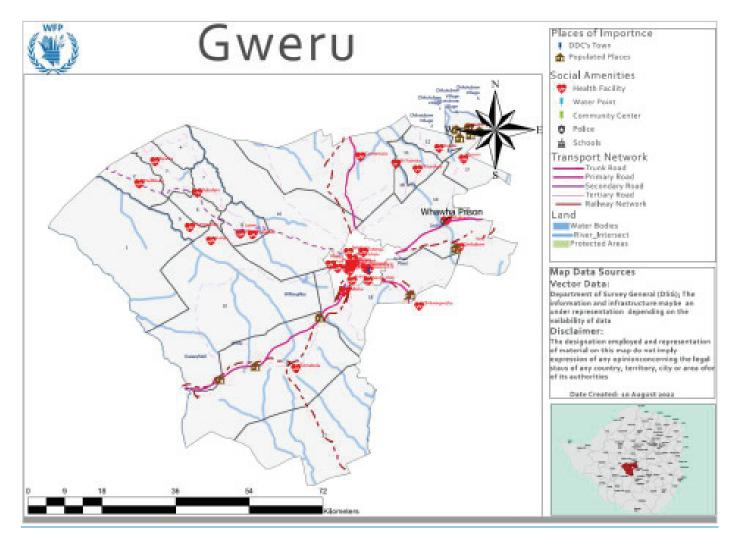


Figure 1: Map of Gweru (Source: WFP)

#### 1.2 Administrative Information

Gweru district is in the Midlands Province. It shares its boundaries with Kwekwe (on the northern side), Chirumanzu (on the eastern side), Shurugwi (on the southern side), Insiza, (on the western boundary) and Inyati, (Northwest side). The district is divided into nineteen (19) rural wards and eighteen (18) urban wards. The district covers a total area of 609, 588.88 Hectares. Only two (2) safaris are present in the district, namely Linton Safari and Antelope Park.

The district lies in natural farming regions 3 and 4 which are perennially characterized by poor rainfall. Two (2) catchment areas that lie within Gweru district, are Gwai and Sanyati. Gweru District is made up of four (4) intensive conservation areas, namely Gweru East, Vungu, Gweru and Upper Ngezi. The main rural/communal areas are Chiwundura and Lower Gweru.

The main business centres in the district are Insukamini, Makepesi, Maboleni, Ntabamhlope, Lower Gweru, Somabhula, Gambiza, Muchakata, Gunde, Mabodza and treetop. At Maboleni business centre, the main activities are selling agricultural produce (horticultural produce), retailing, petty trading, SMEs (value addition of maize grain), welding, and provision of accommodation. There is an increase in retailing and residential stands around the business centers due to increased activity. The main mine in the district is SINO that produces quarry and cement.

There are four (4) chiefs, nine (9) headmen, 215 village heads and nineteen (19) councilors for the nineteen (19) rural wards (Table 1). Chiefs presiding over the Gweru area; Chief Bunina whose chieftainship covers most parts of Lower Gweru, Chief Sogwala in Lower Gweru, Chief Chiwundura in Chiwundura and Chief Gambiza in Chiwundura as well.

Table 1: Chiefs and Headman's by Ward

Ward	Ward name	Chief/Headman
1	Woodend	Sogwala (Chief)
2	Madigane	Madigane (Headman)
3	Nyama	Nyama (Headman)
4	Nkawana	Nkawana (Headman)
5	Chisadza	Chisadza (Chisadza)
6	Sikombingo	Skombingo (Headman)
7	Mdubiwa	Mdubiwa (Headman)
8	Bafana	Mkombo (Headman)
9	Riverdale	Gambiza (Chief)
10	Gambiza	Gambiza (Chief)
11	Mtengwa	Mtengwa (Headman)
12	Gangira	Gangira (Headman)
13	Masvori	Chiwundura (Chief)
14	Sino	Gambiza (Chief)
15	Somabhula	Bunina (Chief)
16	Bhudha & Bambanani	Bunina (Chief)
17	Ghogo plains	Bunina (Chief)
18	Guinea fowl & Plasworth	Gambiza (Chief)
19	Ruby	Bunina (Chief)
Source: Local Government		

#### 1.3 Population Information

Gweru population has increased since 2016. The population growth rate of Gweru district in 2016 was estimated to be 1.3% according to 2012 census and in 2021 it was estimated to be at 2.2% according to population projections. The average household size is 4.5 and the estimated population stands at 273,062 of the total population 50.7% are females and 49.3% are males. Table 2 below shows the population projections by ward for the rural wards.

Table 2: Population Projections by Ward for Rural Gweru

Ward No	Ward Name	Hh 2022	Population 2012	2022 Population	(%) Proportion Of Population
1	Woodend	1,254	4,501	5,819	5
2	Madigane	1,134	5,335	4,831	4
3	Nyama	1,876	4,051	8,002	7
4	Nkawana	901	3,427	3,585	3
5	Chisadza	541	4,084	2,223	2
6	Sikombingo	1,063	5,150	4,637	4
7	Mdubiwa	1,022	6,081	4,180	3
8	Bafana	2,488	5,955	10,165	8
9	Riverdale	1,635	5,510	6,089	5
10	Gambiza	1,326	2,523	5,056	4
11	Mtengwa	955	3,373	3,886	3
12	Gangira	1,155	4,206	4,339	4
13	Masvori	519	3,457	2,247	2
14	Large Scale (Sino)	2,428	4,049	10,576	9
15	Somabula	1,126	6,449	4,301	4
16	Bhudha And Bambanani	6,799	7,048	25,918	21
17	Ghogo Plains	926	3,513	3,898	3
18	Guinea Fowl And Plasworth	2,101	7,220	7,707	6
19	Ruby	977	4,151	4,253	3
Total		30, 226	90, 083	121, 712	100

For updated population figures, refer to Zimstat Census report (https://www.zimstat.co.zw) Source: Census 2022

#### 1.4 Vegetation Characteristics

Vegetation ranges from open grasslands in the west, Bush Savanna and Tree Bush Savanna to the North and East. Dominant tree species are Acacia, Brachystagia (Musasa), Combretum, Julbernadia, Colophospermum (Mupani) and Parinari (Muonde). There have been no changes since 2016.

Major grasses are Hyperrhenia largely used as thatch grass mostly found in Somabhula ward 15 which is a grassland, Sporobolus commonly known as cat's tail grass which is used for weaving, is mostly found in waterlogged areas. Eragrostis and Heterepogon are other common grass species.

#### 1.5 Land Degradation

Land degradation continues to be a challenge across all rural wards. The impact of climate change and variability has negatively impacted the available pastures, overgrazing which is highly pronounced in communal areas where stocking rates are high has increased. Grazing is a challenge during the dry season and farmers mitigate the effect of overgrazing through relief grazing and providing affordable supplements. The major wards affected are wards 2, 3, 4, 5, 6, 7, 8, and Lower Gweru communal 10, 11, 12 and 13 and Chiwundura communal areas.

Deforestation is rampant in communal areas, old resettlements, A1 and A2 farms and small-scale mining areas. Furthermore, there is heavy deforestation caused by miners and villagers who are settled in grazing areas in wards 9, 14, 16, 17, and 18. Deforestation has increased since 2016 and tree planting modifications interventions are required.

Increase in population and unemployment has led to increased illegal gold panning in communal areas which has increased gulley formations in the district. Due to sandy soils that were derived from the granite rock, the degree of soil erosion o in communal areas has increased since 2016. The number of gullies has also increased drastically. Grazing and farming area has reduced drastically because of this.

Stream bank cultivation is more pronounced in communal areas, old resettlement areas, A1 and A2 farms. This has contributed to siltation of some of the water bodies. The absence of conservation measures in newly resettled areas has resulted in serious land degradation. This is evident from 1980 to date.

#### 2 Development Indicators

#### 2.1 Education Information

Gweru rural (Vungu RDC) has a total of 138 schools that are owned by various responsible authorities (government, churches, council, and private sector) and one (1) Vocational Training Centre (Kaguvi). The training centre offers youth skills in agriculture, carpentry and joinery, food and clothing technology and metal work. See the (Table 3) below for the distribution of the schools within the district.

Table 3: Schools Under Vungu (Gweru) Rural District Council

Ward	Ward Name	<b>Primary Schools</b>	Secondary Schools
1	Woodend	Sivu Chisadza Meyers Nkiwane Martin Madikane	Chisadza
2	Madigane	Dufuya Sogwala Mhlahlandlela	Whata High
3	Nyama	Somuphakati St Joseph Bembe Dimbamiwa Makulambila Lozane	Sibomvu High Makulambila Maboleni High
4	Nkawana	Matshaya Ntabamhlope	Ntabamhlope
5	Chisadza	Mangwande Mzila	
6	Sikombingo	Maboleni Skombingo	Skombingo
7	Mdubiwa	St Faith Shagari	Mdubiwa
8	Bafana	Insukamini Nhlangano Mkoba Lower Gweru	Insukamini Lower Gweru High Nhlangano

Table 3: Schools Under Vungu (Gweru) Rural District Council

9	Riverdale		Nkululeko High St Patricks High	
10	Gambiza	Gambiza	Gambiza	
11	Mtengwa	St Barnabas St Christopher	Masvori Mavuzhe	
12	Gangira	Mlezu Siwundura Nyabhango Gunde Zviseko	Gunde High Chiwundura	
13	Masvori	Chikutubwe Bhudha	Chikutubwe Chishaya	
14	Sino	Guma Boulder Whawha Hozheri Mandindindi St Severino Anderson	Regina Mundi High Anderson High Tangwena	
15	Somabhula	Somabula Tapiwa Daisyfield	Fairview	
16	Bhudha & Bambanani	Bamabanani Herbert Chitepo Keyshamburg Loudon Nkenyani	Bambanani	
17	Ghogo plains	Amapongokwe Lukuluba Woodlands	Lukuluba	
18	Guinea fowl & Plasworth	Kushinga Guinea Fowl	Kushinga Guinea fowl High Fletcher High	
19	Ruby	Vungushima Zamazama Bunina Mazankwe Julena	Bunina Ntiyabezi	
Source : Ministry of Education	on			

#### 2.2 Electrification in Schools

In the district, fifty (50) schools are electrified. Below is a table which shows the category of the institution.

Table 4: Total Number of Schools and Teachers in Gweru Rural

Category of	Total number	Number of Teachers	Comments			
Schools	138	2,727	Primary (1,739) and Secondary schools (998)			
ECDs	93		All primary schools have ECD classes			
Source: Ministry of Education						

#### 2.3 Health Facilities by Type

There are a total of twenty-three (23) clinics in the rural Gweru. The clinics are distributed across all wards. However, wards 1, 16 and 17 do not have clinics. Below is a table which shows health centres in rural wards. Chinamasa, Kabanga, Rubi and Hozheri clinics have no staff of their own, those present are from other clinics in the district. Since 2016, only one (1) new clinic was opened, Riverdale in ward 9 in 2021. The Connemara clinic mainly services the Connemara open prison staff and inmates.

Table 5: Health Centers in Gweru Rural

Ward	Name of Health Facility	Authority
2	Madigane	RDC
3	Nyama	RDC
4	Ntabamhlope	Govt
5	Mangwandi	Govt
6	Maboleni	RDC
7	Tumbire	RDC
8	Lower Gweru Mission	SDA
8	Makepesi	RDC
9	Connemara	ZPS
9	St Patricks	Anglican
9	Riverdale	RDC
10	Chinamasa	RDC
11	Chiwundura	RDC
12	Gunde	Govt
13	Masvori	Govt
13	Kabanga	RDC
14	Hwahwa	ZPS
14	Hozheri	Catholic
14	Sino clinic	Sino
15	Somabula	RDC
18	Chikwingwizha	Catholic
19	Ruby	RDC
19	Vungu Static	RDC
Source: Ministry of Health		

#### 2.4 Settlement Types

Since 2016 most of the settlement types have not changed, only rural service centres have increased. There was an increase in demand of services because of resettlement that occurred in 2003. The increase in unemployment rate has also contributed to an increase in SMEs (welding, small shops, etc.) and gold panning activities.

Table 6: Settlement Types (2016 vs 2022) Source: Ministry of Local Government

Settlement Type	Number of Wards 2016	Number of Wards 2022
Urban	18	18
Growth points	1	1
Resettlement area	9	9
Communal	10	10
Estate farms	0	0
RS center	0	7
Source: DDC	,	1

#### 3. Other Development indicators

#### 3.1 Water and Sanitation Information

Access to safe water in the district remains low over the past five (5) years. In some areas communities walk distances of about 3km to access safe water; however, most wells and boreholes have dried up leaving communities resorting to unprotected water sources. Across all wards since 2016 to date, the main water source is borehole water and these have not changed in numbers. The district has a total of 715 water points, and these comprise of boreholes, dams, rivers, abstraction, shallow and spring. The exact changes per ward in the borehole numbers from 2016 to 2021 are included in Table 7, including their source.

Table 7: Water Sources by Ward

Totals	Borehole	Dam	Deep Well	River	Abstraction	Shallow	Spring
Total Water Points:	360	215	7	13	21	12	87
Total HHs Using as	24, 127	15, 940	1,812	485	943	925	3,593
Ward No. 1	8	1	6	0	0	1	0
	1,875	47	1,740	0	0	88	0
Ward No. 2	26	13	0	0	0	1	12
	1,585	665	0	0	0	60	860
Ward No. 3	24	17	0	3	0	0	4
	2,684	2,412	0	117	0	0	155
Ward No. 4	20	16	0	0	1	2	1
	935	789	0	0	19	117	10
Ward No. 5	13	10	0	0	3	0	0
	1,252	1,031	0	0	221	0	0
Ward No. 6	24	17	0	0	0	0	7
	1,093	977	0	0	0	0	116
Ward No. 7	44	30	0	0	8	5	1
	3,306	2,603	0	0	293	410	0
Ward No. 8	25	15	1	0	1	0	8
	1,176	724	72	0	50	0	330
Ward No. 9	9	8	0	0	1	0	0
	1,156	1,094	0	0	62	0	0
Ward No. 10	26	8	0	4	0	0	14
	920	353	0	158	0	0	409
Ward No. 11	33	20	0	2	0	2	8
	3,562	2,560	0	100	0	232	520
Ward No. 12	26	12	0	3	0	1	8
	929	477	0	67	0	18	177
Ward No. 13	27	10	0	0	0	0	15
	1,458	717	0	0	0	0	652
Ward No. 14	9	4	0	0	1	0	4
	343	128	0	0	15	0	200
Ward No. 16	22	22	0	0	0	0	0
	942	942	0	0	0	0	0
Ward No. 17	18	9	0	0	5	0	4
	627	280	0	0	209	0	138
Ward No. 18	3	2	0	0	0	0	1
	131	105	0	0	0	0	26
Ward No. 19	3	1	0	1	1	0	0
	153	36	0	43	74	0	0
Source: RWIMS Online							

Table 8: Distribution of Boreholes by Ward

Ward	Main Water	Main Water	Functional		Reasons For the	Reasons for		
	Sources Per Ward 2016	Sources Per Ward 2022	Boreholes	Functional Boreholes	Non-Functioning Of the Boreholes?	improvements/ deterioration compared to 2016		
1	Dam	Dam	2	1 (Partially Functional)	Seasonal borehole New Collapsed boreholes	Limited of boreholes, and they need deep boreholes		
2	Borehole	Borehole, shallow wells	11	10	Some need flushing some are rusty resettlement	Church of God drilled borehole		
3	Borehole	Boreholes	18	7	No funds for borehole rehabilitation	Lifting devices unavailable, they were removed some years back.		
4	Borehole	Boreholes	20	3	Borehole currently down and there is urgent need for repair.	The water point was dismantled,		
5	Borehole	Boreholes	8	2	Not functioning due to engine collapse			
6	Borehole	Boreholes	27	0				
7	Borehole	Borehole	27	16	Not functional, it is seasonal, lifting device removed	Non-functional raised pipes		
8	Borehole	Borehole	27	1	Assistance from the member of parliament.	The Member of parliament drilled 2 more boreholes.		
9	Borehole	Borehole	13	0				
10	Borehole	Borehole	11	2	Borehole broke down, water was rusty and salty.			
11	Borehole	Borehole	23	3				
12	Borehole	Borehole	16	0		The Member of Parliament drilled 1 borehole		
13	Borehole	Borehole	13	2				
14	Borehole	Borehole	8	0		DDF drilled 1 borehole		
16	Borehole	Borehole	17	7				
17	Borehole	Borehole	10	1		DDF drilled 1 borehole		
18	Dam , Rivers	Dam, Rivers	2	1	New resettlements hence there is no development of boreholes	The borehole was vandalized, and the pipes collapsed		
19	Dam,Rivers	Dam, Rivers	2	2	The borehole had collapsed last year.	Borehole drilled by RDC		

**13** | Gweru

#### 3.2 Sanitation Facilities

The district ablution and hand washing facilities (sanitation) coverage remains low throughout the past five (5) years from 2016. Most households still use pit latrines instead of the preferred (BVIP) which are a much safer type of latrine. The rural WASH program was introduced from 2013 to 2017 by development partners. Its major challenge was the lack of subsidies as the targeted H/H were poor. The communities faced challenges in acquiring cement. Recently (2021) community members in wards 15 and 18 are experiencing challenges with toilets being full because of settling in water ways; and poor drainage and since it's still a new resettlement area, no sanitary provisions were made earlier. The information in Table 9 does not include A2 farms. An increase was noted on the proportion of households that now have hand washing facilities because of Covid-19.

Table 9: Toilet Access by Ward (2016 vs 2021)

Ward	Number of Villages Enumerated 2016	Number of Villages Enumerated In 2021	Hh Enumerated In 2016	Hh Enumerated In 2021	(%) Hh With any Type of Latrine 2016	(%) Hh With Any Type Of Latrine	(%) Hh With Safe Type of Latrine 2016	(%) Hh With Safe Latrine 2021	(%) Hh With Hand Washing Facilities 2016	(%) Hh With Hand Washing Facilities 2021
Ward No. 01	9	9	2,158	2,358	7.23	<b>2021</b> 17	2.04	2	0.09	3
Ward No. 02	17	17	1,334	1,334	53.15	52	10.94	14	4.72	15
Ward No. 03	25	25	2,113	2,131	63.27	64	10.55	11	0.14	0
Ward No. 04	11	11	899	923	33.15	33	1.56	2	0.00	19
Ward No. 05	12	12	575	607	59.65	69	25.04	31	1.91	73
Ward No. 06	26	26	1,457	1,458	48.46	51	13.52	17	2.33	0
Ward No. 07	12	12	1,893	1,782	18.86	19	3.22	3	0.16	0
Ward No. 08	18	18	1,823	1,703	59.02	71	49.20	59	2.36	1
Ward No. 09	9	9	650	650	45.23	44	37.38	36	21.69	0
Ward No. 10	22	22	1,066	1,066	62.57	65	23.45	26	1.88	27
Ward No. 11	33	33	1,462	1,463	53.97	54	4.99	5	1.92	0
Ward No. 12	40	40	1,067	1,062	67.39	67	7.50	7	0.75	0
Ward No. 13	11	11	581	581	29.78	34	7.40	13	0.69	0
Ward No. 14	8	8	441	441	34.24	35	13.15	13	0.68	50
Ward No. 16	6	6	855	708	26.32	27	15.20	15	0.12	9
Ward No. 17	14	14	484	484	19.21	39	16.32	18	0.62	0
Ward No. 18	2	2	48	49	20.83	46	14.58	33	6.25	100
Ward No. 19	1	1	74	78	33.78	46	17.57	32	2.70	14
GRAND TOTAL:	276	276	18, 980	18, 878	42.82	46.28	14.24%	18.72%	1.96	17.3
Source: F	Source: RWIMS online									

#### 3.3 Transport and communication

#### 3.3.1 Transport

The district has primary and secondary roads that link rural service centres like Gweru-Chiundura Road, Gweru-Gwenhoro Road (Fair View turnoff) and Treetop Dorset Road. The District Development Fund (DDF) is one of the road authorities which oversees a total of forty (40) dust roads. The length of the roads is approximately 413km (Lower Gweru Road 266km and Chiwundura road 187km). On Chiwundura road infrastructure, there are thirty-two (32) bridges and 300 culverts. Some of the roads in the district are being developed and rehabilitated by the Ministry of Transport and Vungu Rural District Council. Furthermore, farm road link to the main road and are serviced by farm owners. The district is also linked to the railway line as Bulawayo-Somabhula-Rutenga, Harare- Gweru-Bulawayo and Gweru-Masvingo. Figures 4 and 5 below shows the road networks. No new roads have been opened in rural Gweru since 2016.

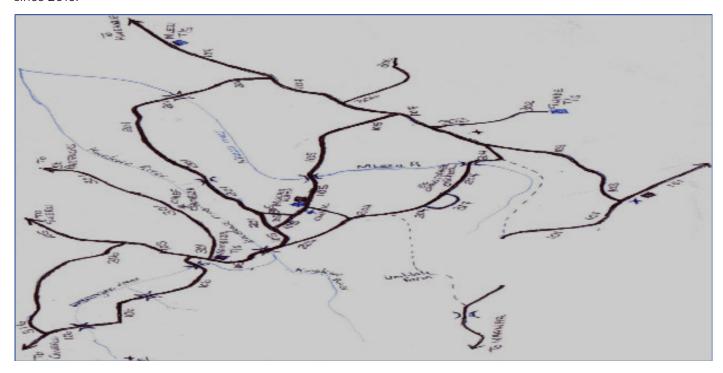


Figure 2: Road Networks, Chiwundura (Source: DDF)

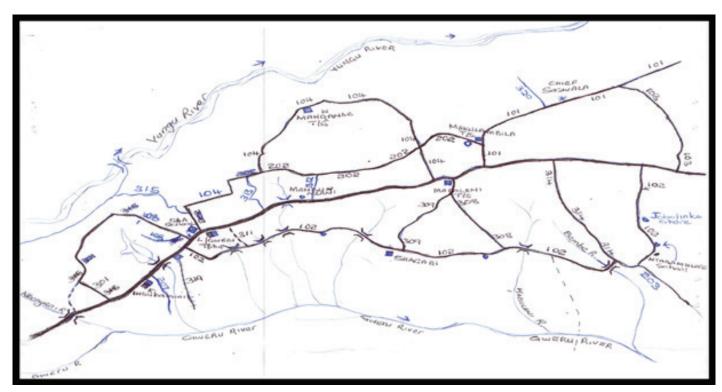


Figure 3: Road Networks, Lower Gweru (Source: DDF)

#### 3.3.2 Communication

The networks that are available in Gweru are Telone, Netone, Econet, and Telecel. Econet is the network with the highest coverage in the district. No changes to the coverage have been observed since 2016. See table 10 below:

Table 10: Network Coverage by Ward

Ward	Network	Coverage
1	Econet and Netone	partial
2	Econet	Partial
3	Econet	Partial
4	Econet	Partial
5	Econet	Partial
6	Econet	Full coverage
7	Econet	Full coverage
8	Econet	Full coverage
9	Econet	Full coverage
10	Econet	Full coverage
11	Econet	Full coverage
12	Econet	Partial
13	Econet and Telecel	Partial
14	Econet	Full coverage
15	Econet and Netone	Partial
16	Econet	Full coverage
17	Econet, Netone and Telecel	Partial
18	Econet and Netone	Full coverage
19	Econet and Netone	Partial
Source: ICT, Gweru		

#### 4. Main Livelihood Sources

The main livelihood option is agriculture that is crop and livestock production (table 11 and Figure 4). This zone is characterized by old resettlement, small-scale farmers, and a few large-scale commercial farm (LSCF) holders with the majority of farmers being A1 and A2 farm holders. Crop production is mainly rain fed and this makes production very low due to the low and erratic rainfall, hence livestock production is the most viable option in the district.

Table 11: Summary of Economic Zones

Area	Description	Wards		
Lower Gweru	Most of the communal wards fall under agro economical region IV, however there are parts of the district that are under natural region V e.g. ward 5 and ward 12. Dominant soils are the Kalahari sandy soils. Derived from the granite rock (acidic soils).	2, 3, 4, 5, 6, 7 and 8		
Chiwundura	Have marginal soils in natural region III, and V	10, 11, 12 and 13		
Somabula	Soils are Kalahari sandy soils. 50% of the soils are sodic.	1, 15, 17, 19 and 1		
Source: Zimbabwe HEA Baseline, 2012				

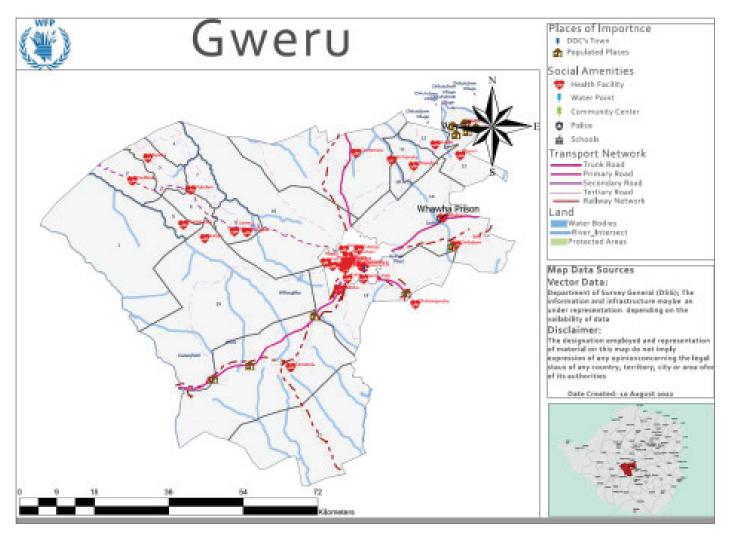


Figure 4: Livelihood Zones in Gweru district

Table 12: Livelihood Zones in Gweru District

Livelihood Zone	Description	Wards
Cattle production zone	Ranching, Pan fattening, Auction sales	All wards
Crop production zone	The main crops grown are cereals including maize, millet, and sorghum, with groundnuts, cowpeas, sweet potatoes. Market gardening exists where there are irrigation schemes and include winter wheat, vegetables and green maize.  Cash crop production is also available in the district we have tobacco, cotton, sunflower, Irish potatoes etc.	All wards {15, 19, 16, 7, 8, 11, 12 and 9 (wheat production)} (14, 18 and 16) (Tobacco) 1(Cotton) All wards (Sunflower)
Eastern Kalahari Sandveld Communal	Livelihoods are built around three main activities: agriculture, animal husbandry and labour. Sorghum and maize farming is widespread but production is unreliable as the zone is semi-arid. Livestock and remittances are a key safety net for the better-off. For the poor, income earned from local work, forest products and/or gold panning is their mainstay	2, 3, 4, 5, 6, 7, 8, 10, 11, 13, 14 and 15
Source: Zimbabwe HE	A Baseline Report, 2018	

The main sources of income for the district are summarised in Table 13.

Table 13: Summary of Economic Zones

Income Generating Activity	Description	Wards
Fishing (perennial)	Fishing takes place in Ndiyavezi river, Insukamini, Mbembeswane, Gwenhoro, White Waters dam.	1, 8, 13, 15 and 14
Sale of firewood (perennial)	This is activity is not allowed by environmental management laws but is a main source of income for some households.	All wards
Petty Trading (perennial)	This is another source of income for the group C and D households.	12, 13, 14, 15, 16 and 20
Artisanal Mining (perennial)	Gold panning is mainly done in the Lower Gweru areas by group C and D households.	1, 7, 8, 9, 14, 15, 16, 17, 18 and 19
Casual Labour (seasonal)	This is another source of income by group C and D in the district.	All wards
Selling of thatch grass and hey bells (seasonal)	This is another source of income for group C and D households	1, 6, 7, 10, 11, 14, 15, 17 and 19
Brick moulding (seasonal)	Brick moulding is seasonal in the district and it is mainly done by the group C and D households.	All wards
Source: Zimbabwe HE	A Baseline Report, 2018	

#### 4.1 Main challenges Affecting Livelihood Activity

The main challenges that are affecting livelihood activities in the district are:-

- Environmental degradation
- Development of disused shafts which are now an environmental health hazard
- Climate changes and variability e.g., droughts and floods
- Poor road network
- Poor access to markets
- Criminalized gold-panning

#### 4.2 Poverty Levels

Households are classified into wealthy groups according to their asset base and their sources of livelihood and income. There are four (4) generally agreed wealth groups and these are the better off, middle income, poor and very poor groups. The households' classification varies according to different geographical locations. The general definition for each of the four (4) wealth groups is as follows:

Better off (group A) -: This group has a broad asset base as they own large pieces of land, some own businesses or are formally employed, also have reliable remittances, and have large herds of livestock. They can employ people or hire labour. They are able to send their children to school and also assist the poor households in times of need.

Middle class (group B) -: They have assets that depreciate, own livestock but less than the better off and reliable remittances. They have medium sized pieces of land, and are able to hire labour. In times of shock, they dispose their assets, and some can even move to the lower classes.

Poor (group C) -: They have limited asset base and do not have reliable remittances. The poor group offers labour to the middle and better off classes. They depend mainly on crop production and are not able to cultivate big pieces of land. They own very few livestock, and some do not have draught power for their agricultural activities. This class is not able to send all their children to school and also depend on external assistance.

Very poor (group D) -: These are mainly social welfare cases. They are mainly households lead by the elderly, the chronically ill or the disabled. They do not have any assets and they are not able to provide labour. They are neither able to provide for themselves nor to send children to school. They cannot make it in life without external assistance.

#### 4.3 Poverty Levels in Gweru

In the district Ward 2, 3, 4, 5, 6 and 10, 11, 12 and 13 have the highest poverty prevalence rates which ranges between 73-84% whereas wards 9, 14 and 18 are better than all the other wards most likely due to moderate rainfall received. The reasons why these wards have severe poverty are because of:

- Marginal/poor soils.
- Effects of climate change and variability.
- Low land holdings (one hectare).
- Inherent soil infertility.

- Gold panning hence abandoned farming.
- Shortage of draught power.
- Lack of capital.
- Migration to foreign countries in search for employment by active population leaving the geriatric age and children tilling the land.
- Market surpluses for horticultural produce resulting in abandoning agriculture (ward 2, 3, 6, 7, and 8).

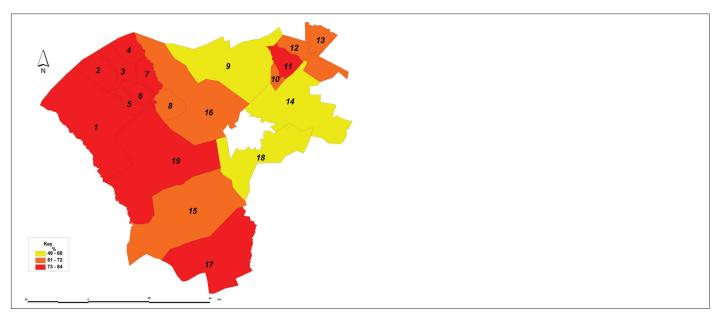


Figure 5: Poverty Atlas Map (2015), (Source: Zimbabwe Food Poverty Atlas 2015)

#### **5 Agriculture information**

#### **5.1 Natural Regions and Climate**

#### **5.1.1 Natural Regions**

The district lies in the agro-ecological regions 3 and 4 because of climate change and variability, the whole district used to be in agro-ecological region 3 since the 1990s. The annual rainfall ranges from 450mm-850mm and the average rainfall is 600mm. The distribution of rainfall in these wards, 4, 7, 1, 19, and 5 is erratic with high temperatures. The rainfall patterns are described in the next section. The district also lies in the central watershed area with mixed farming activities namely cattle ranching, wildlife, and crop production (semi-intensive). Most of the soils in Gweru District were formed from the granite rock which is highly acidic (gusu) and requires liming for soil improvement (see figure 6 below). However, there are patches in the district where sand loamy soils, clay loamy, clay soils, gravel soils and sodic soils are associated with mopani type of vegetation. See table 13 and figure 5 below.

Table 14: Agroecological Regions

Natural region	Characteristics	Wards			
III	Moderate rainfall with average rainfall being 450-600mm per annum. Characterized by mid-season dry spells.	1-10, 14 - 19			
IV	Annual rainfall is low, averaging 450-600mm per annum and is characterised by prolonged mid-season dry spells. Soils are relatively infertile and acidic. Temperatures range from -4 to 30 degrees Celsius				
Source: AARDS, Gweru					

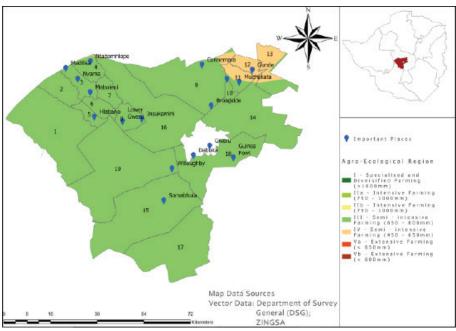


Figure 6: Agroecological regions by ward (Source: Meteorological Department)

Figure 7 shows the soil types in the district which are mainly moderately acidic.

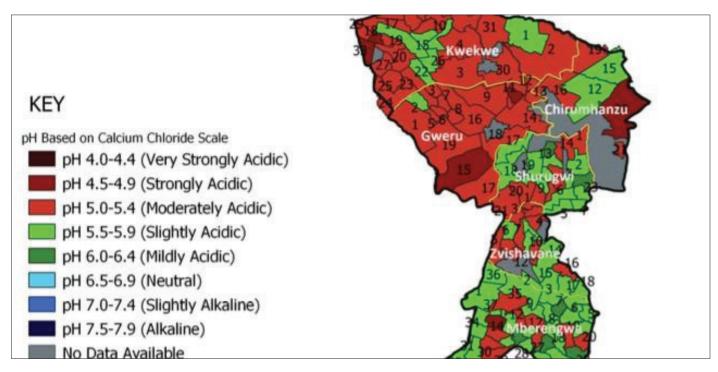


Figure 7: Gweru Soil pH by Ward Map (Source: AARDS)

#### 5.1.2. Mean Annual Rainfall

Rainfall is varied between and within seasons. It ranges from 450mm-850mm per annum, and it is significantly core related to agro ecological zones. Mid-season dry spells are experienced during the first three (3) weeks of January and the length of the dry spell ranges from 14 – 36 days. However in 2022, there was a dry spell during the month of February to March. There is inter and intra annual variability in rainfall intensity. The graph below shows that in the past twenty-three (23) years the highest rainfall received is 974mm and it was received in 2021, the lowest was 230mm and it was received in 2003. The range rainfall is 715 mm - 974mm and the average rainfall is 543.9mm. The trend of annual rainfall being received shows that it is slightly increasing but erratic, for the past five (5) years iranged from 400mm - 974mm (2016/2021), see figure 8.

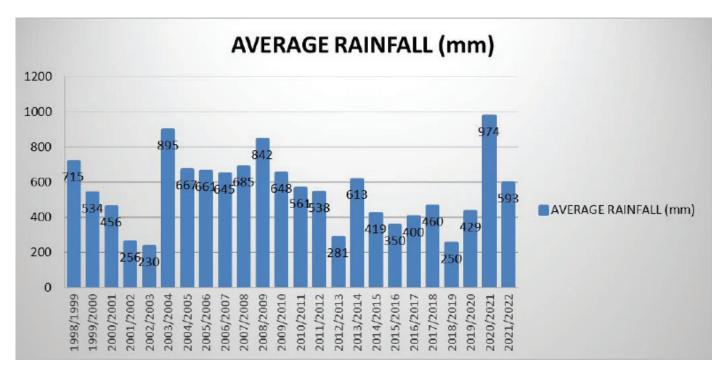


Figure 8: Mean Annual Rainfall (Source: AARDS)

## 5.2 Drought Prone Areas

Gweru is prone to droughts with the district experiencing droughts once every three (3) years and the probability of drought occurrence stands at 0.5%. The drought normally occurs during the month of January, February, and March. The length of dry spell is normally 14-36 days and is rated as severe. The most drought prone areas are wards 2, 3, 4, 5, 6, 7, 8, 10, 11, 12 and 17, see map (Figure 9) below.

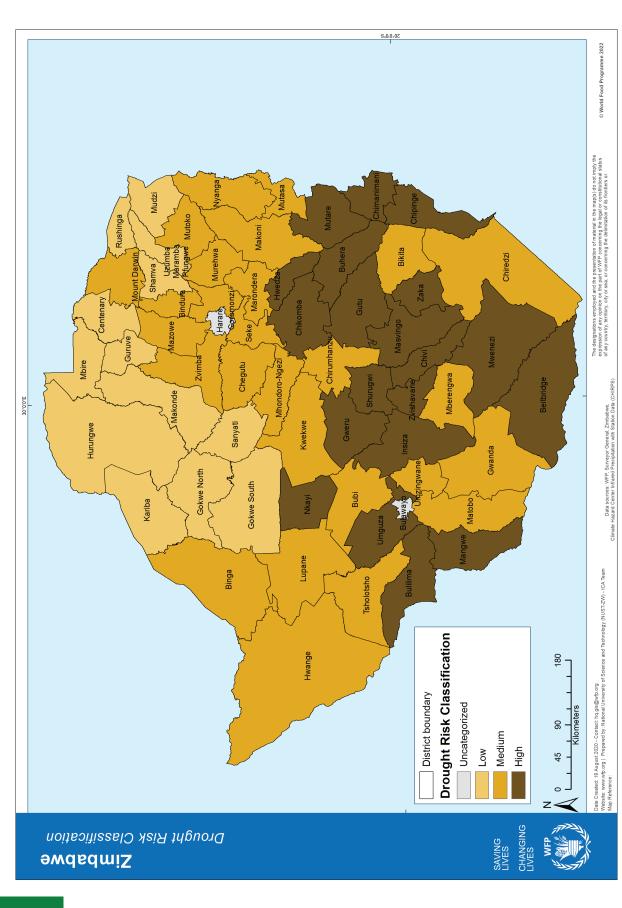


Figure 9: Drought prone areas (Source: Integrated Context Analysis, 2021)

## 5.3 Flood Prone Areas

Since 2016 the drainage for the district has deteriorated, and conservation methods are required. Only two (2) incidences of floods were witnessed in 2021 and 2022, and whenever the district experiences heavy rains, Ward 2 (Sponge) is always affected by floods. Just to mention, flooding is now increasing in urban wards, these are; Woodlands (16), Tinshel(8), Ascot (8), Mambo (7), Montrose (8), Claremont park(16) Clifton Park (16), Mtapa (6), MKOBA 1-3 (9). Mkoba 4 (11), Ascot infill (8), Old Ascot (8), and Senga (ward 5). The flood prone areas are depicted below in Figure 10.

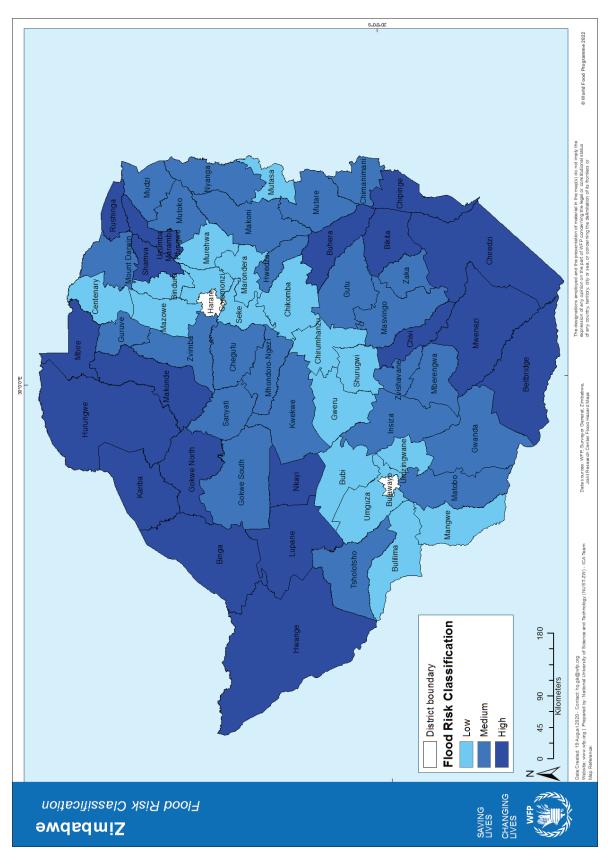


Figure 10: Flood Prone Areas, Source: (Source WFP)

#### 5.4 Hydro-geological Conditions

There are still four (4) major dams in Gweru, and they are used for irrigation purposes. These are Sebakwe, Gwenhoro, White Waters, Insukamini, and Mbembeswane. Small earth dams are scattered all over the district, see Table 12 below. In the district we have some areas where underground recharge is good e.g., Lower Gweru and Somabula (wards 15,2,3, and 6). All rivers in the district are perennial.

Table 15: Distribution of Major Dams by Ward

Ward	Major Dams in the Ward 2016	Major Dams in the Ward 2022	Comment	Major Rivers	Livelihood Activity
1	Mapongokwe	Mapongokwe	Operational	Ndiyavezi, Vungu	Fishing, vegetable production
2	Stanhope	Stanhope	Operational	Vungu	Horticultural activities, pad rice production, fishing
8	Insukamini	Insukamini	Operational	Gweru	Irrigation, domestic use, fishing
4	Mkoba	Mkoba	Operational	No river	N/A
5	Mutorahuku	Mutorahuku	Operational(needs desilting)	Vungu	Fishing, horticulture production
6	Maodza	Maodza	Operational(needs desilting)	No river	N/A
13	Mbembeswani	Mbembeswani	Operational	Sebakwe	Sailing, fishing, irrigation, vegetable production.
8	White waters	White waters	Operational	Gweru	Irrigation, vegetable production, water for domestic use, fishing
9	Gwenhoro	Gwenhoro	Operational	No river	n/a
10	Shagari	Shagari	Non-operational:-Burst dam wall and it has affected irrigation.	Kwekwe	Horticultural activities. fishing
15	No dam	N/A	N/A	Ngezi	Vegetable production, fishing
16	No dam	N/A	N/A	Gweru	Fishing, vegetable production
Source:	DDF				

#### **6 Crop Information**

Since 2016 the major crops grown using rain fed agriculture land are maize, sorghum, pearl millet, finger millet, groundnuts, round nuts, sweet potatoes, and cow peas. Major cash crops include tobacco, cotton, soya bean, paprika, sugar beans, Irish potatoes, and sunflower. Cropped area, yield and subsequent production is decreasing at an increasing rate every season. This has affected food and nutrition security in the district (see table below) so cropped area now increasing because of inputs being given under the Pfumvudza programme.

#### **6.1 Farming Sectors and Crops Grown**

Since 2016 there has been no change in the crops grown and farming sectors. The crops grown are maize, Irish potatoes, horticultural produce, soya beans, and sugar beans. Sunflower is now grown across all sectors because of the recent introduction of sunflower production as a cash crop by Agricultural and Rural Development Authority (ARDA). Horticultural activities have increased in the last three (3) years, all wards now have some form of horticultural activities. Cotton is now being grown in Ward 1, it was introduced by COTTCO two (2) years ago. Table 14 below summarises the main farming sectors and the different crops grown.

Table 16: Distribution of Main Farming Sectors and the Different Crops Grown

Farming Sectors	Wards	Area (Ha)	Percentage Contribution	Population (Number of Farmers)	Percentage	Crops Gown
LSCFA	9, 14, 15, 16, 17, 18 and 19	131, 501	22	82	3.4	Maize, Irish potato Tobacco Horticulture Soya beans Sugar beans sunflower
SSCFA	19 and 9	8,187	1.34	123	2.1	Maize Sugar beans Soya beans Potatoes Groundnuts sunflower
CA	2, 3, 4, 5, 6, 7, 8, 10, 11 and 12	78, 300	12.84	1,684	59.4	Maize, Groundnuts Sorghum Pearl millet Finger millet sunflower
OR	17 and 16	142, 739	23.4	4,865	7	Maize Sorghum Rapoko Pearl millet Groundnuts sunflower
A1	9, 14, 15, 16, 17, 18, 19 and 1	166, 436	22.69	5,638	25	Maize Tobacco Cotton Soya bean Sugar bean Groundnuts Small grains sunflower
A2	9, 14, 15, 16, 17, 18 and19	68, 144	15	+600	3	Maize Groundnuts Tobacco Soya beans Sugar beans Small grains Horticulture sunflower
Urban		14, 290	2.73	9,983		Horticulture Green meallies Potatoes Maize sunflower

#### **6.2 Irrigation Schemes**

There are still eight (8) irrigation schemes in the district and five (5) are functional. The biggest irrigation scheme in the district is Mambanjeni (77.7 Ha). On average each farmer has 0.1Ha. The management of the scheme is undertaken by the Irrigation Management Committee. Some schemes have a resident Agricultural Extension Worker. The yields of crops grown under irrigation have been on the downward trend due to a variety of reasons ranging from shortages of inputs, lack of credit facilities, viability problems and leadership wrangles. Two (2) new irrigation schemes are being developed, (started in 2021) in Chiwundura area in ward 7 and 13, they will be 100ha each, with proposed specialized equipment such as center pivots being used. However, the main water sources that supply these irrigation schemes are affected by silting because of increased brick molding and gold panning activities as highlighted under major coping strategies.

Table 17: Distribution of Irrigation Schemes by Ward

Ward	Name Of Irrigation Scheme	Total Ha	Status
Ward 8	Insukamini irrigation	42.5	Functioning
Ward 8	Mkoba irrigation scheme	10.0	Functioning
Ward 16	Insukamini irrigation scheme	13	not Functioning
Ward 16	London irrigation scheme	9	Functioning
Ward 7	Shagari irrigation scheme	28.5	Not functioning
dam wall washed away by cyclone. Requires dam wall rehabilitation			
Ward 7	Mambanjeni	77.7	Not Functioning
Water source is polluted with raw sewer from gweru city council			
Ward 11	Mutorahuku	14.6	Functioning
However water availability is affected by siltation			
Ward 12	Mabodza	11	Functioning
Source: AARDS	<u> </u>		

#### 6.3 Major Challenges in Irrigation schemes

- Nonpayment of subscriptions by members
- Broken down pumps (aging equipment)
- Siltation of dams or perennial water sources
- Broken down canals
- Post-harvest losses
- Market glut
- Broken down fences
- · Lack of credit facilities
- Viability problems
- Shortages of inputs

#### **6.4 Crop Production Trends**

Area under crop, yield and total production is increasing due to availability of inputs and an improvement in the amount of rainfall received. The Pfumvudza/Intwasa programme relaunched in 2019 has had a positive impact on area planted, yield and subsequent production. The Command agricultural program also improved the food and nutrition status of the district. The trend since 2016 on cereal adequacy is basically the same but flooding which causes waterlogging in the wards is contributing to cereal inadequacy due to leaching. There is low adoption of small grains because there is no ready market for small grains, and its production is labour intensive (during planting and processing of the small grains). Prices of small grains were also low in the previous years.

Table 18: Cereal Production And Adequacy By Ward

Ward	Cereal adequacy 2016	Cereal Adequacy 2022
1	Fair	Fair
2	Inadequate for the rest of the year	Inadequate for the rest of the year
3	Inadequate for the rest of the year	Inadequate for the rest of the year
4	Inadequate for the rest of the year	Inadequate for the rest of the year
5	Inadequate for the rest of the year	Inadequate for the rest of the year
6	Inadequate for the rest of the year	Inadequate for the rest of the year
7	Inadequate for the rest of the year	Inadequate for the rest of the year
8	Inadequate for the rest of the year	Inadequate for the rest of the year
9	Inadequate for the rest of the year	Inadequate for the rest of the year
10	Inadequate for the rest of the year	Inadequate for the rest of the year
11	Inadequate for the rest of the year	Inadequate for the rest of the year
12	Inadequate for the rest of the year	Inadequate for the rest of the year
13	Fair	Fair
14	Fair	Fair
15	Adequate	Adequate
16	Poor	Poor
17	Poor	Poor
18	Adequate	Adequate
19	Adequate	Adequate
Source: Socia	l Welfare and AARDS	

#### 7 Livestock

#### 7.1 Main Types of Livestock Ownership - Based on Secondary Data from Surveys/Assessments

The main livestock dominating the district are cattle, sheep, goats, donkeys, chickens (indigenous, layers and broilers). Off take for beef remains stagnant at 4%. Efforts to rebuild the national herd are hampered by shortage and high cost of breeding stock, lack of capital, limited access to loans, disease challenges (FMD), high cost of feeds and lack of technology (use of AI). Livestock population has decreased since 2016 across the district because of reduced grazing pastures, overgrazing of available pastures, and tick-borne diseases. Goat population has increased because of the Heifer International pass-on gift project that targets goats and sheep. In the district there is multiple ownership of the same livestock. The table below shows cattle population by ward and sector.

Table 19: Number Of Cattle In The District

Ward						Nur	nber of cattle
Sector	CA	A1	A2	LSCFA	OR	SSC	Peri urban
1, 5, 6 and 19	2008	3,216				1,432	
15, 17 , and 19		15, 667	18, 350	10, 593			
9, 14 and 18		6,124	3,127	5,281		2,604	
2, 3 and 4	14, 051						
10, 11, 12 and 13	9,894				2,719		
7, 8 and 16	5,150	4,029	7,809	14, 402	5,994		
20							28, 569
Total	31, 103	29, 036	29, 286	30, 275	8,713	4,036	28, 569
Source: AARD	os	'	'	,	'	'	

#### 7.1.1 Poultry Production

The table below shows population by ward and sector for poultry and these populations may vary at any given time because broilers are sold after every six (6) weeks. The figures fluctuate, but since 2016, they have generally increased (Table 20).

Table 20: Poultry Production Trends

Ward	Classes Of Stock	A1	A2	CA	Large Scale	SSCF	OR	Peri- urban
2, 3 and 4	Indigenous			28, 259				
	turkey			144				
	G/fowl			528				
	Broiler			2,520				
1, 5, 6 and 19	indigenous	12, 719		23, 339		8,902		
7, 8 and 16	indigenous			15, 808	2,345			
15, 17 and 19	indigenous	12, 250	13, 670		2,567			
	layers	130	50, 000		8,567			
9, 14 and 18	Indigenous	23, 345	2,348		5,000	1,256		
	Turkey	7,869	1,236		35	45		
	g/fowl	12, 905	564		12	12		
	broiler	28, 000	38, 000		1,200	400		
Peri-urban	Indigenous							28, 679
	Turkey							3,456
	G/fowl							2,098
	Broilers							23, 786
	Layers							109, 768
10, 11, 12, 13 and 14	Indigenous			14, 383			2,695	
	Turkey			1,142			621	
	G/fowl			835				
	Broilers							
	Layers							
Source: AAF	RDS							

#### 7.1.2 Sheep and Goats

There is an increase in number of sheep and goats because of the livestock pass-on restocking program introduced by Heifer International Project in the district in 2009 (pass-on scheme).

Table 21: Goat Statistics By Ward

Ward							Kids	Y/Bucks	Y/Does
	CA	A1	A2	LSCFA	OR	SSCFA	Peri-		
							urban		
2, 3 and 4	5,048							2,338	1,517
7, 8 and 16	765	432	109	89	211			1,651	1,876
1, 5, 6 and 19	1,669	211						824	1,571
15, 17 and 19		730	208	36	61			206	420
9, 14 and 18		462	1,483	39		132		230	259
10, 11, 12 and 13	2,035				789			2,459	2,345
Peri-urban							625	123	367
Total	9,517	1,835	1,800	164	1061	132	625	7,831	7,988
Source: AARDS									

#### (ii) Sheep Population by Ward and Sector

As seen in the Table 18 and 19 below the average number of cattle is five (5), goats five 5, sheep one (1) and chickens seven (7). Generally, community members in Gweru District are more of crop-based agriculture farmers than livestock farmers. It is evident also on the NR map that the district lies in agro ecological regions III which is most appropriate for crop production over livestock production.

Table 22: Sheep Statistics By Ward

Ward	LAMB			Y/RAM	Y/EWES				
	CA	A1	A2	LSCFA	OR	SSC	Peri- urban		
2, 3 and 4	98							9	64
1, 5, 6 and 19	118	72				47		138	209
15, 17 and 19		441	123	17	3			109	275
9, 14 and 18		422	419	316		103		121	305
10, 11, 12 and 13	10				7			18	38
Peri-urban							56	123	89
Total	226	935	542	333	10	150	56	518	980
Source: AARDS	Source: AARDS								

Table 23: Average Livestock Holding Per Ward

Ward	Average Cattle Holding	Average Goats Holding	Averagesheep Holding	Average Chicken Holding
1	5	6	2	7
2	3	3	1	7
3	3	5	1	7
4	5	8	1	7
5	6	6	5	7
6	6	6	1	7
7	8	10	1	7
8	4	5	1	7
9	5	5	1	7
10	5	4	1	7
11	5	4	1	7
12	5	10	2	7
13	5	5	2	7
14	5	4	1	7
15	5	4	1	7
16	5	15	1	7
17	5	5	2	7
18	5	5	1	7
19	10	10	4	7

#### 7.2 Main Livestock Diseases

The common diseases over the past five (5) years in Gweru district are Foot and Mouth, Anthrax, Blackleg, botulism, Heart water, New Castle disease, Coccidiosis, Mastitis, and other tick-borne diseases i.e., January disease and Lumpy skin disease (Table 24)

Table 24: Livestock Diseases By Wards

Livestock Disease	Wards Mostly Affected (Number and Name of Wards Affected )
Rabies:	All wards i.e., 19 especially
Newcastle disease:	10 ward 13, 12, 10,2,3,4,5,6,7,8
Anthrax	2 ward 15, 17,16
Foot and Mouth:	1 ward i.e., ward 15
Lumpy skin	All wards i.e., 19
Heart water	All wards i.e., 19
Theileriosis	2 wards i.e., 14 &15
January disease	2 wards 15 & 16
Lumpy skin	All wards i.e., 19
Source: AARDS & Vet	

#### 7.3 Dipping Facilities

The number of dip tanks over the past five (5) years has not improved but quality is deteriorating and there is need to rehabilitate these dip tanks. Development of new dip tanks is a priority in the district. The district has a total of sixty-three (63) dip tanks which are aggregated in

Table 25: Dip Tanks In Gweru Rural

Ward	Number of Dip Tanks
Ward 1	7
Ward 6	9
Ward 15	8
Ward 16	4
Ward 17	4
Ward 18	4
Ward 19	8
Wards 2,3,4,5,7,8,9,10	19
Lumpy skin	All wards i.e., 19
Source: AARDS & Vet	

Table 26: Functional And Non-Functional Dip Tanks

Number Of Dip Tanks	Number Of Functional Dip Tanks	Number Of Dip Tanks Currently Under Rehab			
63	63	12	22		
Source: Vet and AARDS					

#### 7.4 Animal Health Centres

The district has four (4) functional animal health centres since 2016. Para-vets were introduced and supported by Heifer International Zimbabwe and the project ended in 2017 hence the district currently does not have animal health workers.

Table 27: Functional Animal Health Centers

Number of functional Animal Health Centres	2016	2022			
Number of Non-functional animal health centres	4	4			
Number of Community Animal Health Workers/Paravets	12	0			
Source: AARDS and Vet					

#### 7.5 Livestock Holding

According to the ZimVAC report of 2021 about 42% of the HHs owned cattle, 41% owned goats as compared to 2016, the proportion of HHs owning cattle has decreased because of drought, tick-borne diseases whereas for goats the number of households has increased because of the Heifer international pass-on project.

Table 28: Percentage Of H/H That Own Livestock

	Number of Households	% Who Own Cattle	% Who Own Goats		
All Households	12, 020	42	41		
Farm Households	363	18	18		
Non-Farm Households	11, 657	24	23		
Source: Department of Livestock					

#### 7.6 Distribution of Herd size

According to the ZimVAC report of 2021 the proportion of households that had no cattle and goats is 58%, those with less than 5 cattle the proportion is 20% for cattle and 35% for goats. Twenty-two percent had cattle above 5 and 7% had 5 or more goats.

Table 29: Livestock Statistics Per H/H

Number of Livestock Per Household	Cattle	Goats		
0	58	58		
<5	20	35		
>5	22	7		
Source: Department of Livestock				

#### 7.7 Other Livestock Establishments

Under apiculture twenty-five (25) is the number of centers where hives are located with each center having forty (40) or more beehives. Feedlots are not functional, and this is an area of concern in the district. There is shortage of breeding stock (genetic) material at ponds in the district. No significant changes since 2016.

Table 30: Other Livestock Establishments

Type of Establishment	Number of Establishments
Aquaculture (Capture fisheries)	15
Aquaculture (Ponds)	105
Apiculture	25
Dairy Farms	104
Feedlots	20 (not functional)
Fodder production	48
Source: Livestock Production Department	

#### 7.8 Challenges faced by Livestock Farmers

- Lack of finance to buy breeding stock.
- · Viability problems.
- Poor generic material/inbreeding.
- Disease challenges e.g. tick bone, FMD, anthrax
- Low producer prices
- Drought
- High costs of stock feeds
- Vet restrictions on animal movement due to disease outbreaks
- · Veld fires, vandalism of farm infrastructure, gold panning activities (disused shafts)
- Poor market infrastructure in rural areas
- Farmers are not unionized hence there is no organized marketing.
- Low off take (communal areas)

#### 8 Markets

In the district there is no change in terms of markets and operations since 2016. Markets for both livestock include the local and distant markets. Livestock is sold to local butcheries and private buyers at growth points and Gweru town. There is rampant informal trading except for cattle and broilers. In the district there are two (2) auction sales floors, one (1) in Somabhula for breeding stock and the other one in the urban area catering for mixed stock and four (4) private abattoirs dotted around the district. Cattle are normally bought at Cattle Company Sale (CCS) Auction floor while broilers are absorbed by local supermarkets and Fairhill farm. Some cattle are bought by abattoirs. CC Sales and Somabula conduct sales on weekly basis while Makhulambila operates from requests made by cattle owners.

#### **8.1 Livestock Markets**

Generally, the prices remained the same since 2016 in the rural markets (Table 27). A change was noted for broilers because of an increase in stock feed prizes. Prices are also being affected by the deteriorating economic status of the country and the black-market rate of USD to RTGS. Since Gweru is in Region III and IV, there is an increase in demand for draught power and donkeys are the most used hence there is an increase in the prize.

Table 31: Average Livestock Prices (2016 Vs 2022)

Livestock type	Average Price 2016 (US\$)	Average Price 2022 (US\$)	Type of Market
Beef cattle	400.00	400.00	Auction,
Dairy cattle	1,300.00	1,500.00	Auction
Sheep	60.00	100.00	Farmer to farmer
Goat	50.00	50.00	Farmer to farmer,
Donkeys	100.00	150.00	Farmer to farmer
Pigs per kg	4.50	5.00	Farmer to farmer
Indigenous bird	7.00	6.00	Farmer to farmer
Broilers	6.00	7.00	Farmer to farmer, abattoirs, butcheries
Fish per kg	3.50	3.50	Local retailers, farmer to farmer,
Source: Vet		<u>'</u>	

#### 8.2 Crop Markets

Since 2016 there is no change in terms of crop markets. In the rural sector the main market is Maboleni growth point, but most farmers transport their produce to Gweru urban and sell at the markets listed in the table below. Availability of some produce i.e., cabbages, tomatoes over the years has decreased because of climate change and variability to the effect that prizes of these commodities of these commodities increased. See the table below:

Table 32: Crop Markets In The District

Market Name	Ward Number	Commodity	Source of Commodity	Availability
Kudzanai	3	Horticultural produce Cereals Legumes	Across the district	Readily available
Kombayi (waiting for rehabilitation)	3	Horticultural produce Cereals Legumes	Across the district	Readily available
Monomutapa (informal market)	6	Horticultural produce Cereals Legumes	Across the district	Readily available
Jamela	3	Horticultural produce Cereals Legumes	Across the district	Readily available
Valley secrets	3	Horticultural produce Cereals Legumes	Across the district	Readily available
Maboleni	6	Cereals, Legumes & pulses and minor crops	Across the district	Readily available
GMB	All wards	Cereals Legumes, pulses	Across the district	Readily available

#### 8.3 Commodity Availability and Prices Per Ward.

Maize meal and grain were available as of November 2021 across all wards. Maize grain was unavailable in ward 6 because the ward succumbed to floods and the crops were affected by water logging. In wards 2, 6, 8 do not grow small grains because they have limited land, low adoption rate and shortage of genetic material and there was no ready market for small grains.

Table 33: Commodity Availability And Prices By Ward As Of November 2021

Ward	Maize Meal	Maize Grain	Beans	Other Small Grain	Rice	Maize Meal \$/10kg	Maize Grain \$/ Bucket	Beans \$/500g	Other Small Grain \$/ Bucket	Rice (per 2 kgs)
1	Available	Available	Sometimes Available	Available	Available	3.50	4	0.50	8	2.
2	Available	Available	Available	Not available	Available	3.60	6	0.50	0	2
3	Available	Available	Available	Available	Available	3.50	4	0.40	8	2
4	Available	Available	Available	Available	Available	4	4	0.50	9	2
5	Available	Available	Available	Available	Available	3.50	4		8	
6	Available	Not Available	Not available	Not available	Available	4	6	0	0	2
7	Available	Available	Available	available	Available	4.50	3.50	0.50	6	2
8	Available	Available	Available	Not Available	Available	3.50	4	0.50	0	2
9	Available	Available	Available	Available	Available	4	3.50	0.25	7	2
10	Available	Available	Available	Available	Available	3.50	5	0.25	9	2
11	Available	Available	Available	Available	Available	3.50	5	0.25	9	2
12	Available	Available	Available	Available	Available	3.50	5	0.25	9	2
13	Available	Available	Available	Available	Available	3.50	5	0.25	9	2
14	Available	Available	Not Available	Available	Available	4.50	5	0	9	2
15	Available	Available	Not available	Available	Available	4	5	0	8	2
16	Available	Available	Available	Available	Available	4	5	0.25	7	2
17	Available	Available	Available	Available	Available	3.50	3.50	0.50	7	2
18	Available	Available	Available	Available	Available	3.50	3	0.50	6	2
19	Available	Available	Available	Available	Available	3.50	4	0.50	8	2
Source	: AARDS									

#### **8.4 Labour Markets**

Labour opportunities across the wards are stagnant except for proportion of HHs involved in casual labour has increased over the years and labour exchange occurs both within the ward and across wards. During peak periods of labor requirements there is an increased demand of labor opportunity, and these are found in their ward and Gweru urban labor market. There is competition for labor between mining and agriculture to the effect that the labor rates for agriculture are now higher than those of the mining sector e.g., labour day costs US\$5. Labor use efficiency has improved in the past five (5) years since 2016, through hiring of casual labor, however there is a shortage of labor force in the agriculture sector.

Table 34: Labor Opportunities In Gweru Rural

Labour Opportunity	(%)Proportion Of Households Accessing This Opportunity
Casual labour	19
Small scale mining	12
Skilled trade	4
Small livestock rearing and selling.	3
Petty trade	2
Source: ZimVAC report 2021	

#### 8.5 Market Seasonal Calendar

There has been an increase in the demand of food assistance in the district due to effects of climate change and variability. This is noted in wards 2, 3, 4, 5, 6, 7, 8, 10, 11, 12 and 13. This has also impacted negatively on the nutrition security of the district since 2016. The current dry spell (March 2022) has not improved the situation.

Table 35: Food Purchases Calendar In A Good Year

ITEM	Jan	Feb	Mar	Аp	May	June	July	Aug	Sept	Oct	Nov	Dec
Food purchases												
Lean/Hungry Period												

Table 36: Food Purchases Calendar- Drought Year

ITEM	Jan	Feb	Mar	Ap	May	June	July	Aug	Sept	Oct	Nov	Dec
Food purchases												
Lean/Hungry Period												

#### **Source: AARDS**

#### 8.6 Market Challenges

These are the main market challenges in the district:

- Market glut for horticultural products
- Poor Market linkages
- Transport costs are high
- Poor market infrastructure
- Prices are very low because of market glut.
- Post-harvest losses
- Vulgaries of bad weather
- Unscrupulous buyers

#### 9 Common Hazards

The district is prone to several hazards and challenges such as:

- Protracted dry spells and midseason dry spells tend to affect production and productivity resulting in food and nutrition insecurity
- veld fires, hence, livestock production is affected
- Incidences of frost and hailstorm
- · Livestock pests diseases are a threat to the district e.g. FMD, New Castle disease
- Heat waves are also a problem
- Dog bites of unknown status (stray dogs)
- Diarrheal diseases
- Floods in low lying areas
- Road traffic accidents
- Covid 19 pandemic
- Mine collapses
- Human and wildfire conflict (snakes, elephants, leopards, and baboons) for wards near the Antelope game park and Linton Safaris (wards 15,16, 19, and 1)
- Crop pests and livestock

#### 9.1 Hazard Profile and Mapping

The table below shows the district hazard profile and the main reasons why these wards are vulnerable to these hazards.

Table 37: Hazard Profile Of Gweru Rural District

Hazard	Risk Rating	Wards at Risk	Affected Elements i.e. Assets, Population Groups, livelihoods, Environment, Infrastructure	Why Affected/ Reasons/ why Vulnerable
Floods	Low Risk	2, 3, 6,7, 8, 10, 11, 12, 13, 14, 15 and 17	Livelihoods,crops, infrastructure, environment	Low laying areas with soils that have poor drainage,
Drought	High Risk	All wards	Livelihoods Children u5s Pregnant and lactating women Livestock deaths	They are drought prone areas
Crop pests and diseases	Very High Risk	Fall army worm -all wards	Livelihoods	Poor agronomic practices.
Livestock pests	Very High Risk	Ticks (wards 15, 17, 1, 19, 14 and 16)	Livestock Livelihoods	Irregular dipping Wards are located near wild parks/game parks Tick-resistance Illegal animal movement
Livestock Diseases	Very High Risk	January disease (ward 14, 15, 16, 19 and 1)	Livelihoods	Wards are near game parks ward 1
	High risk	New castle & fowl pox (wards 2, 3, 4, 5, 6, 7, 8, 10, 11, 12 and 13)	Livelihoods	They do not vaccinate livestock Poor bio-security measures
	Medium risk	Rabies in cattle and dogs (all wards)	Livestock	Poor vaccination regime
	High risk (vaccination, quarantine cattle, restrict cattle movement since 2016)	Anthrax (wards 15 and 16)	Livestock	Illegal animal movement Poor vaccination regime
	High risk (vaccination, quarantine cattle, restrict cattle movement since 2016)	Food and Mouth	Livestock	Poor vaccination regime
Veld Fires	Low risk	15, 16. 17, 18, 19, 1 and 14	Livelihoods infrastructure	Lack of fire guards Areas are near the highway, they emanate from discarded cigarettes by travellers. Poor veld management
Lightning	Low risk	15, 20	Infrastructure livelihoods	No vegetation in the areas
Wildlife and human conflict	High risk	15, 14, 20, 1 and 19	Livelihoods	Wards close to game parks. Poor grass management.
Stock theft	High risk	2, 3, 4, 5, 6, 7, 8 and 16	Livelihoods	Increased unemployment and poverty.
Source: DFNSC,	Gweru			

#### 9.2 Periodic and Chronic Hazards

Over the years across all wards, drought has been occurring and it is now a chronic hazard. Stock theft in the Lower Gweru is also a big challenge, below is a table with periodic and chronic hazards.

Table 38: Periodic And Chronic Hazards

Ward Number and Name	Periodic Hazards	Chronic azards
1 - Woodend	Veld fires, livestock pests and diseases	Drought, human and wildlife conflict
2-Madigane	Floods, drought, covid-19	Stock theft
3-Nyama	Diarrheal diseases	Stock theft, Drought
4-Nkawana	drought	Drought, stock theft
5-Chisadza	Drought	Stock theft
6-Sikombingo	Floods, drought, hailstorm	Stock theft
7-Mdubiwa	Drought	Stock theft
8-Bafana	Flooding, drought	Diarrheal diseases, stock theft
9-Riverdale	Drought, veld fires	Cyanide poisoning
10-Gambiza	Diarrheal diseases	Drought
11-Mtengwa	Diarrheal diseases	Drought
12-Gangira	Water challenges	Drought
13-Masvori	Drought	Drought
14-Sino	Floods, drought, veld fires	Environmental degradation, wildlife, and human conflict
15-Somabhula	Veld fires, floods	Road traffic accidents, stock theft, wildlife, and human conflict
16-Buda Bambanani	Veld fires, drought	Mine collapses, wildlife, and human conflict
17-Ghogo	Veld fires, flooding,	Drought
18-Guinea fowl and Plasworth	Veld fires, flooding	Drought
19-Ruby	Veld fires, hailstorm	Drought, wildlife, and human conflict
Source: DFNSC, Gweru		

#### **10 District Development Priorities**

In the past, development has been hampered by high rate of inflation, lack of capital and climate change and variability. Development is needed in all sectors in the district. See table 39 below,

Table 39: District Development Priorities

	Development Priority	Wards Targeted	Comment
1.	Rehabilitation of irrigation schemes	7, 8, 16, 11, 12 and 13	Rehabilitation and development of irrigation schemes using modern irrigation technology (center pivots)
2.	Natural Disaster Preparedness Plan (CPU)	All wards	Stakeholder approach
3.	Development of nutrition gardens	All wards	Improve nutrition status of people and strengthen resilience building.
4.	Decentralize decision making	All wards	Decentralize decision making
5	Development of nutrition gardens	All wards	Improve nutrition status of people
6	Building of health facilities	1, 9, 16 and 17	Improve health status and reduce walking distances to access health services
7	Waiting maternity home	2	Failing to complete the program due to lack of funding
8	Building of health staff houses	13, 14 and 19	There is no accommodation for health staff in these wards
9	Increase staff establishment for clinics	10, 13, 14 and 19	Need for staff establishment
10	Drilling boreholes	All wards	Improve water and sanitation
11	Provision of inputs	11, 12, 7 and 8	All irrigation schemes
12	Develop livestock infrastructure	1, 14, 15 and 16, 17 and 19	Sale pens/ rehabilitation
13	Training ,horticultural production Technology (process chain engineering)	All wards	Market research, linkages and intelligence
14	Construction of dams	All wards	Irrigation and livestock watering
15	Dam scooping	All wards	Irrigation and livestock use
16	Restocking program	All wards	Herd building

#### 11 Food Security

According to ZIMVAC 2021, the proportion of the rural district population that is food insecure is 44%. In 2019 and 2020 it was 70%. This is showing an improvement in the food security status of the district. However, rainfall received is decreasing at an increasing rate resulting in a decrease in yield, threatening food and nutrition security improvement that has been mentioned. Households have no choice but to fulfill the deficit through purchases. Other coping strategies are no longer yielding any results, but the only promising source of livelihood is agriculture.

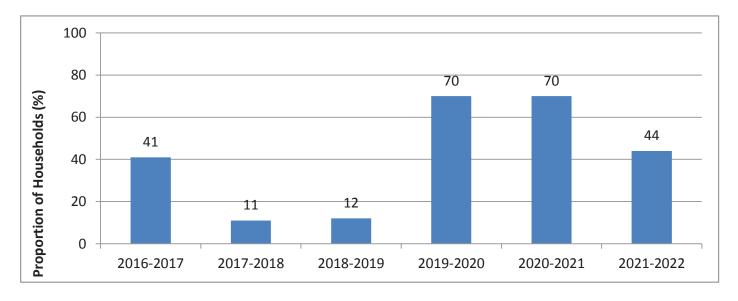


Figure 11: Food insecurity Trends in Gweru Rural (2016 to 2021) (Source: ZimVAC RLA Reports 2016-2021)

# 11.1 Socio Economic groups and Vulnerability Classification 11.2 Visible Vulnerabilities for the Socio-economic Groups

Group A Already resilient (2%)	Participants agreed that this group would have livestock, irrigated land, regular and diversified sources of income and are also hiring others to work on their land. Overally, they have adopted better farming and livestock practices and they are highly educated. They do not need any assistance.
Group B Food secure under no major shocks (18%)	Participants identified that these households have irregular income, but receive remittances. They have some livestock, small farms with adequate farming equipment and are at times able to hire others for work. They are in the middle class. They need a bit of some assistance during shock times.
Group C Highly food insecure from last or consecutive shocks (65%)	This group includes unemployed polygamous large households that have no regular income and do not receive remittances. Household members work for others as hired labor. They have small farming plots but no livestock, and a limited number of tools.
Group D Highly food insecure, including destitutes(15%)	Identified by participants as those households with no or extremely limited income sources, a few may have very small farms, but no manure, tools and no livestock. With very few or no assets, limited capacity for labor and/or unmanageable HH sizes, this group relies primarily on support from others. It includes the most vulnerable groups such as disabled, widows, orphans, elderly, female and child headed households.
Source:WFP	

#### 11.3 Visible vulnerabilities for the socio-economic groups

# The different households from the different socio-economic groups can be identified through the following indicators:

- **Group A** own assets like cars, pensioners, reliance on remittances (international and regional), big businesses, large stocks of livestock (cattle, goats, and chickens) and have nice homes.
- **Group B** own a few assets like scotch carts, bicycles, small and informal businesses, pensioners, minimal number of livestock, reasonable homes and can send their children to government schools.
- **Group C** own small stocks of livestock, have two (2) or so mud huts, provide casual labour to group A and B, have difficulties sending their children to school, have large families including orphans.
- **Group D** do not own any livestock or assets, have one or two huts, mostly these are destitute and social welfare cases.

#### 11.4 Coping Strategies

According to the Zimvac report (2021), in Gweru district in terms of copying strategies about 3% of the households tend to borrow money, spend savings; sell more non-productive livestock and household assets. Two percent of the HHs are usually in the crisis phase and they sale productive assets, withdraw children from school and reduce non-food expenditure. These coping strategies have not changed since 2016. Gweru also has 95% of the HHs that did not engage in any livelihood copying strategies in the year 2021.

#### 11.5 Ranking of food insecure wards per District

The wards with the highest food insecurity levels are Wards 6 and 2. This is because the wards are affected by floods because of poor drainage and spongy areas as indicated under the PH soils map shared earlier within this profile. Ward 18 is highly food secure because of good soils, it's in agro-ecological Region 3, it's located in the newly resettled areas, also classified under commercial farming.

Table 40: Ranking Of Wards By Food Insecurity Levels

Ward	2022 Households	(%) Prevalence of Poverty	Average cereal Adequacy from Own Production	Food Insecurity Rankings
1	1,254	2	Adequate	14
2	1,134	50	Inadequate	2
3	1,876	50	Average adequacy	11
4	901	50	Inadequate	10
5	541	50	Inadequate	9
6	1,063	>70	Inadequate	1
7	1,022	50	Average adequacy	6
8	2,488	40	Ave adequate	5
9	1,635	20	Adequate	15
10	1,326	>70	Inadequate	3
11	955	>70	Inadequate	4
12	1,155	>60	Inadequate	7
13	519	50	adequate	8
14	2,428	30	Average adequacy	16
15	1,126	40	adequacy	17
16	6,799	50	Adequate	18
17	926	30	Average adequacy	12
18	2,101	2	Adequate	19

## 11.6 Seasonal Calendar

Activities on the seasonal calendar have changed over the years to the effect of climate change and variability. Please note an SLP has not yet been done for Gweru rural. This is a top priority for the district. The figure below was created by the writing team for ease of understanding.

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
		Dry Season			Wet Season							
Legend		planting			cons. gr	reen		harvest			Off fam	n
		cattle			shoat	5		cattle	and s			on far
Land Preparation												
Planting												
Weeding												
Sorghum												
Maize												
Millet												
Pulses												
Crop sales												
Gardening												
Livestock sales												
Livestock heats and birth	ıs											
Livestock diseases												
Milk production												
<u>Other</u>												
Lean season												
Food Purchases												
Petty trade												
Local labour												
Collection of wild fruits												
Fishing												
Malaria												
Labour migration												

Figure 12: SLP Calendar for a Typical Year

#### 12. Food Aid Trends

The main food aid assistance over the years was from Government through Food Deficit Mitigation Strategy which was introduced in September 2021 and the drought relief program. Over the past five (5) years in the district ADRA also helped with food aid since 2016 and the program ended in 2021. The data trends from ADRA are not available. The table below shows trends from 2020 and these have increased during the peak hunger period for 2022. In 2021 a decrease was noted because some of the households had a bumper harvest.

Table 41: Food Aid Trends By Ward

FDMS by ward	2020	2021	2022
1	1,364	1,036	2,023
2	1,816	1,344	4,233
3	2,720	2,024	2,915
4	1,264	960	2,408
5ar	1,316	1,000	2,653
6	1,600	1,216	4,483
7	1,612	1,204	2,283
8	2,400	1,764	2,618
9	1,040	792	2,003
10	1,828	1,064	3,324
11	2,928	2,280	3,663
12	1,832	1,392	2,778
13	832	800	1,733
14	800	624	2,233
15	1,032	728	2,248
16	1,196	800	2,068
17	956	724	2,218
18	920	720	1,993
19	1,040	728	2,073
Total	28, 496	21, 200	49, 950
Source: Social Development			

## 13 Nutrition

#### 13.1 Prevalence of Malnutrition, HIV and TB (District-Level)

The rate of stunting in Gweru District is slightly decreasing, it is now at 26.7% (ZimVAC, 2019) from 29.3% (ZIMVAC, 2016) but in 2018 (NNS) it was at 22.1%. The Prevalence of Global Acute Malnutrition (GAM) for Gweru is 1.2%. The prevalence of moderate acute malnutrition has decreased from 1.5% in 2018 (ZimVAC) to 1.2% (ZimVAC, 2021). Intervention is still required especially in Ward 2, 3, 4, 5, 6 & 12 (rural) and ward 8 (urban).

Over the years the HIV prevalence rate in Gweru district among WCBA is decreasing and it is currently at 13.67 % (Data from NAC). The prevalence of TB is also decreasing from the year 2017 and this is because of strengthened partner coordination. This indicates that interventions being implemented are bringing out the desired results though TB activities have been affected greatly by Covid-19. The only data available for overweight and obesity is from the 2018 NNS. Low birth weight has been decreasing over the years according to the DHIS 2 data, in 2017 it was at 9.04% and for 2021 it is now at 5.5%.

Table 42: Prevalence Of Malnutrition, HIV And TB (2017 to 2021

Indicator	Prevalence (%)				
	2017	2018	2019	2020	2021
Moderate Acute Malnutrition		1.5			1.2
Severe Acute Malnutrition		0			0
Stunting		22.1 (NNS)	26.7 (VAC)		
Overweight and obesity		3.4 (NNS)			
Low Birth weight	9.04 (DHIS)	14.9 (NNS) 9.2 (DHIS)	9.5 (DHIS)	6.2 (DHIS)	5.5 (DHIS)
Prevalence of HIV in women 15 -49 years	14.2	14.09	13,93	13.8	13.67
Prevalence of TB (rate/100 000) (DHIS 2)	366	332	338	205	185

#### 13.2 Feeding Practices in Children Under 2 Years of Age

The table below shows the complementary feeding practices of children aged 6-23 months in Gweru. In 2018, the minimum acceptable diets were 24.4% whilst in 2021, it increased to 33%. The minimum dietary diversity in 2018 was 13% and 29% in 2021. The proportion of children meeting the required amounts of nutrients is slightly increasing over the years. There is a major decrease in the proportion of children being bottle fed which was at 86.3% in 2018, but this includes the urban population and in 2019 it was 10% which only has rural data.

Table 43: Feeding Practices For Children Under 2 Years Of Age

Feeding Practice	Proportion of Children Meeting Required Minimum				
	2017	2018 (NNS)	2019 (VAC)	2020	2021 (VAC)
Minimum Meal Frequency		24.4			33
Minimum Dietary Diversity		13			29
Minimum Acceptable Diet		5.7	6.1		14
Excusive Breastfeeding		84.4			
Bottle Feeding		86.3	10 (vac)		

## 13.3 Food Consumption Patterns by Women and in the Households

The table below shows the food consumption of women in Gweru. In 2020, the consumption of protein rich foods for Gweru was 56.2% whilst in 2021, it was 70% (Table 41). The consumption of Vitamin A in 2020 was 95.9% and 89% in 2021. The district reported an increase in household food consuming poor diets with 9% reported in 2020 and 33% reported in 2021. However there has been a 9% increase of household consuming borderline diets to 32% in 2020. The consumption of iron-rich and vitamin A rich foods has increased because of production of bio-fortified varieties.

Table 44: Food Consumption Patterns By Women

Indicator	Percentage				
	2017	2018	2019	2020	2021
Minimum Dietary Diversity - women		5(NNS)		24	30
Iron rich foods		35.4 (vac)	21.4	24	55
Vitamin A rich foods		0.4 (vac)		95.9	89
Protein Rich Foods		16.7 (vac)		56.2	70
HFCS POOR		13.8 (vac)	6 (vac)	9 (vac)	33

#### 13.4 Top Ten Common Diseases in the District

Over the past 5 years the most common diseases in the district are listed in the table 42 below. Acute respiratory infections and skin infections are the most common.

Table 45: Top Ten Diseases In The District

Disease/Condition	
1.	Acute Respiratory Infections
2.	Skin Infections
3.	ТВ
4.	Diarrhoea
5.	HIV/AIDS
6.	Covid 19
7.	STIs
8.	Malnutrition
9.	Ear and eye infections
10.	Injuries
Source: MoHCC, DHIS 2	

### 13.5 Top 5 Causes of Mortality

The top 5 causes of mortality are listed below; diarrheal diseases include typhoid, cholera and dysentery which hit the district in 2016 and 2017 (Table 43). Covid 19 affected the districts in ward 2 in 2021.

Table 46: Top Causes Of Mortality

Causes of mortality	
1.	Covid-19
2.	Maternal
3.	Diarrhoeal diseases
4.	ARI (Acute Respiratory Infections)
5.	Malnutrition
Source: MoHCC, DHIS 2	

#### 13.6 Prevalence of Mortality in Children and Women

The data for under 5 mortality is not available but over the past 5 years the prevalence of mortality in children and women has been decreasing but there is need to strengthen programming to ensure that mortality remains low.

Table 47: Prevalence Of Mortality In Children And Women

Indicator	Percentage
Infant mortality	13/1,000 live births
Child mortality	12/1000
Under-5 mortality	No data available
Maternal Mortality Ratio	192/100, 000
Source: MoHCC, DHIS 2	

Table 48: Summary Of Ngos Operating In The District By Ward

Name of 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
WHH(World Hunger Hilfe)	Resilience Building	-value chain addition poultry, peanut butter making, vending -cash based transfer -WASH	6,7,8 5, 6, 7, 8, 9, 11 and 16	DDC, AARDS, SMEs, SD, Youth, Health and Women's Affairs	Valid
Worphan Trust International	Food assistance	To assist parents who have been widowed due to HIV as well as orphaned and vulnerable children by providing them with shelter, food and medical care. To assist orphaned and vulnerable children with school fees, uniforms and stationery. To provide food and clothing for the elderly To counsel and support abused women and children	1-19	Social development, DDC, RDC and Women affairs	Valid
Murombo Munhu Association	Food security	To raise money for charity Farming project Educate vulnerable and disabled children in rural areas	1-19	AARDS, Social development, RDC, DDC	Valid
FINTRAC ZIMBABWE TRUST	Food security	Increase incomes of small holder farmers on communal land Increase food security of smallholder farmers on communal land. Generate rural employment.	1-19	AARDS, SMEs, women affairs, RDC and DDC	Valid
Centre for Conflict Management and Transformation ( CCMT)	Capacity building	Conflict Transformation and capacity building at the five communal irrigation schemes.	8, 16, 11 and 12	AARDS, Social development, DDC, Women affairs , RDC	Valid
Childline Zimbabwe	Health	Child rights, children protection, counselling	1-19	MoHCC, Social development, RDC,DDC, Education	Valid
Jointed Hands Welfare Organisation (JAHWO)	Humanitarian assistance	Child rights, education fees to OVC, child protection, youth empowerment, provides technical knowledge	1-19	MoHCC, AARDS, DDC, RDC, women affairs, Education	Valid
Midlands Aids Service Organisation (MASO)	Food security	Behaviour change in all 19 wards, CHBC and OVC in wards 6, 7, 8, 14, 15, 17, and 18.	1-19	MoHCC, AARDS, Education, DDC, RDC,Social development, SMEs, Women affairs	Valid

Table 48: Summary Of Ngos Operating In The District By Ward (continued).

Name OF 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
Zimbabwe National Network of People living with HIV (ZNNP+)	Health	Removes stigma among HIV related issues. Support Groups Boast- Self-esteem among people living with HIV	1-19	MoHCC	Valid
Zimbabwe Red Cross Society	Food security	Food and clothing among people affected by disasters	1-19	MoHCC, Social development, DDC and RDC	Valid
ZHI360	Health	Removes stigma among HIV related issues, HIV Care and treatment	1-19	MoHCC, RDC and DDC	Valid
PSZ Population Services Zimbabwe	Health	Family Planning all methods plus treatment of STIs, Condom Promotion and Distribution in 19 wards.	1-19	MoHCC, RDC and DDC	Valid
Church of God in Christ Mennonite	WASH	They Provide water and Sanitation Through Construction of Blair Toilets In Schools, Clinics and Community and Fixing down Brocken Down Boreholes in all 19 wards.	1-19	MoHCC, DDC,RDC	Valid
Women and Land in Zimbabwe	Food security	Works together with female farmers( Internal Savings) Lending money, Value addition, value addition, horticultural production	11,9	AARDS, women affairs. RDC and DDC	Valid
National AIDS Council	HIV	Removes stigma among HIV related issues. Support Groups Boast- Self-esteem among people living with HIV	1-19	MoHCC, DDC,RDC, Social development.	Valid
UNICEF	WASH	Demand led sanitation	2, 3, 5, 6, 8, 9, 11, 13, 18 and 19	MoHCC, RDC and DDC	
ZAPT	Health	OI ART	1-19	MoHCC, RDC and DDC	Valid
SAFAIDS	Health	SRHR, HIV and TB Prevention, treatment and care	1-19	MOHCC, RDC and DDC	Valid
CESSHAR	Health	Equip young women selling sex with empowerment for self-development	4, 7, 8, 9, 14, 15, 16 ,17 and 18	MoHCC, DDC and RDC	Valid
St Daniels Trust	Health	Awareness raising on disability. Specialist counselling services and disability trainings	1-19	MoHCC, RDC and DDC	Valid
JF Kapnek Trust	Health	Implement a basic education and disability program as well as provide technical assistance to health facilities.	1-19	MoHCC, Social development, DDC and RDC	Valid
Technosave	Market Research linkage and intelligence	Horticultural production and promotion at global level.	8, 16, 14, 11 and 12	AARDS, RDC and DDC	Valid

Table 49: A summary of NGOs Operating in the District by Ward and Areas of Focus (Intervention).

Name OF 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
Hand In Hand	Water and sanitation Food assistance entrepreneurship	Jobs creation, youth projects, youth projects, community upliftment, market links and strengthening children	1, 2, 5, 7, 8, 11, 16, 20, 22 and 25	DDF, DDC, Education, Ministry of Health, RDC	
Zimbabwe Council of Churches	Food Assistance	Humanitarian early recovery and development Food assistance	2 and 21	CRDC, AARDS, OPC and DDC	
Lid Agency	Food Assistance WASH Educational Assistance		All Wards		
JHWO					
Church of God In Christ, Menonite	WASH	Borehole Rehabilitation	All Wards	DDF, COUNCIL	
NOCCA	WASH, Solid Waste, Training Communities , Job Creation	Christian Charity Activities, Skills, Youth Projects, Marketing	All Wards	CRDC, DDC, SW, Women Affairs, SME'S	2021-2026
Population Services Zimbabwe	WASH and Family Planning	Reproductive Health, Education On HIV and AIDS	All Wards	Minstry of Health, ZNFPC, CRDC	

Ward Priority	Construction of waiting mothers' shelter	Completion of waiting mothers' shelter	Pass on projects for women	Setting up nutrition gardens, road network	Drilling boreholes	Setting up nutrition gardens, drilling boreholes	Rehabilitation of irrigation scheme	Rehabilitation and development of irrigation scheme	Construction of health facility staff houses	Setting up nutrition gardens
Food Insecurity Rankings	14	2	Ε	01	o o	-	· σ	w	51	м
Average Poultry ownership	7						7	7		7
Average Sheep ownership	2	_	-	-	и	-	-	-	_	-
Average Goats ownership	ø	М	и	ω	ω	σ	0	w	w	4
Average Cattle ownership	rv	м	M	w	ω	Φ	ω	4	N	LD.
Flood	Low	High	Medium	Low	Medium	High	Low	High	Low	High
<b>Drought Prone</b>	Low	High	Medium	High	Medium	Very high	Medium	Medium	Low	High
Cereal Production	Fair	Inadequate for the rest of the year	Inadequate for the rest of the year	Inadequate for the rest of the year	Inadequate for the rest of the year	Inadequate for the rest of the year	Inadequate for the rest of the year	Inadequate for the rest of the year	Inade-quate for the rest of the year	Inadequate for the rest of the year
Coping Strategies	Agriculture production and sales	Indigenous foods, casual labour, remittances, formal employment	Indigenous foods, casual labour, remittances, formal employment	Indigenous foods, casual labour, remittances, formal employment	Indigenous foods, casual labour, remittances, formal employment	Indigenous foods, casual labour, remittances, formal em-ploy-ment				
Source of Income	Fishing	Horticulture	Dry land cropping	Agriculture	Mining fishing farming	Horticulture livestock productions.	Cattle production mining fishing	Fishing horticulture mining petty trading	Mining	Fishing petty trading value addition center Brick moulding
Agro- Ecological Zones	NR IV	NR =	III XX	N	NR IV	≡ =	NR IS	R R ≡	NR =	III III
Livelihood Zone Description	Crop and cattle production	Crop and cattle production	Crop and cattle production	Crop and cattle production	Cattle and crop production					
Livelihood	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥
No. Non Poor Hhs	178	218	355	132	102	200	207	525	536	352
No. Poor Hhs	259	281	416	218	130	295	282	397	215	232
Poverty	28.6%	26.2%	25.6%	29.7%	25.8%	28.1%	788	21.7%	16.9%	8.9%
Access to Toilets	2%	14%	11%	2%	31%	%21	3%	29%	36%	26%
Access to Safe Water	22%	30%	25%	40%	45%	30%	20%	%24	13%	20%
HIV/ AIDS (High, Medium, Low)	Medium	High	High	Medium	Medium	High	Low	High	Medium	Medium
Malnutrition (High, Medium, Low)	Low	High	High	H dgi H	High	High	Medium	Medium	Low	Medium
# of Health Facility	0	-	-	-	-	-	-	7	м	-
# of Hhs	1,254	1,134	1,876	106	541	1,063	1,022	2,488	1,635	1,326
Ward	-	7	м	4	N	ω		ω	o	01

Summary by Ward

Ward Priority	Rehabilitation of irrigation scheme	Rehabilitation and development of irrigation scheme	Rehabilitation and development of irrigation scheme	Construction of staff houses	Construction of toilets and Livestock infrastructure	Develop livestock infrastructure	Dam construction and scooping	Restockinh program and construction of toilets	Develop livestock infrastructure
Food Insecurity Rankings	4	7	ω	91	71	82	22	91	13
Average Poultry Ownership	7	7	7	7	7	7	7	7	
Average Sheep Ownership	-	7	N	-	-	-	N	-	4
Average Goats Ownership	4	01	ľ	4	4	51	N	N	0
Average Cattle Ownership	N	N	ıo	N	N	N	N	N	ō
Flood	High	Medium	Medium	High	High	Low	High	High	Medium
<b>Drought Prone</b>	High	High	Medium	Low	Low	Medium	Low	Low	Medium
Cereal Production	Inade-quate for the rest of the year	Inade-quate for the rest of the year	Fair	Fair	Adequate	Poor	Poor	Adequate	Adequate
Coping Strategies	Indigenous foods, casual labour, remittances, formal employment	Indigenous foods, casual labour, remittances, formal employment	Indigenous foods, casual labour, remittances, formal employment	Indigenous foods, casual labour, remit-tances, formal employment	Indigenous foods, casual labour, remittances, formal Employment				
Source Of Income	Horticulture Fishing Dry Land Cropping Livestock Sales Brick Moulding	Livestock Dry Land Cropping Fishing Brick Moulding Petty Trading	Agriculture Livestock Brick Moulding Fishing	Fishing Livestock Production Petty Trading	Livestock Production Brick Moulding	Agriculture Mining Brick Moulding	Crop And Livestock Mining Brick Moulding	Mining Brick Moulding	Mining Brick Moulding
Agro- Ecological Zones	≡ ≅ 2	N N N N N N N N N N N N N N N N N N N	N N N	Σ Ξ	≡ ¤ z	N	Σ Ξ	N N N N N N N N N N N N N N N N N N N	N
Livelihood Zone Description	Cattle and crop production	Cattle and crop production	Cattle and crop production	Cattle and crop production	Cattle produc-tion	Cattle and crop production	Cattle and crop production	Cattle and crop production	Cattle and crop production
Livelihood Zone	≥	≥	≥	≥	≥	≥	≥	≥	≥
No. Of Poor Hhs	198	274	113	808	270	430	174	636	186
No. Poor Hhs	166	204	83	251	091	292	165	195	216
Poverty Level	21.3%	21%	20.4%	13.3%	19.9%	20.7%	23.6%	13.4%	25.8%
Access To Toilets	%5	2%	13%	13%	%0	15%	%81	33%	32%
Access 7	30%	722%	30%	50%	%01	30%	25%	% 9	2%
HIV/ AIDS (High, Medium, Low)	medium	medium	Medium	Medium	Medium	High	Medium	High	High
Malnutrition (High, Medium, Low)	Medium	High	Medium	Medium	Low	Medium	Low	Low	Medium
# Of Health Facility	-	-	2	м	-	0	0	-	2
# Of Hhs	S 20	1,155	519	2,428	1,126	6,799	926	2,101	776
Ward	Ε	12	13	41	15	16	71	18	61

### Annex

## **District Profiling Team**

District Team							
Name	Designation	Organisation					
Mubaiwa Edmore (Focal Person) 0773144803	DAEO	AARDS					
Manjegwa Thomas.	SDO	Social Development					
Nyeda N.	DDC	Local Governement					
Chigova Miriraishe .M	Nutritionist	Min of Health					
Mwale Bwanale	Development Economist	Local Government					
Musungwini	VET Officer	VET					
Nyika Rumbidzai	District Remedial Tutor	Education					
Nyaunga Fanny	Field Coordinator	WHH					
Moyo Munyaradzi	Head of Project-Social Protection and Resilience Building	WHH					
Zhou Elisha	District Head	ZIMSTATS					
Sabeta Tsitsi	Officer	DDF					
Chimodzi Agatha	ASS EOSS	VUNGU RDC					







