

MUTASA District District Food and Nutrition Security Profile



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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.

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Acronyms & Abbreviations

AARDS Agricultural Technical and Extension Service

AIDS Acquired Immune Deficiency Syndrome

CA Communal Area

CAMPFIRE Community Areas Management Programme for Indigenous Resources

District Administrator DA

DDF District Development Fund

DFID Department for International Development

DOI Department of Irrigation

EHO **Environmental Health Officer**

EMA Environmental Management Authority

FEWSNET Famine Early Warning Systems Network

GAM Global Acute Malnutrition

GMB Grain Marketing Board

На Hectare

НН Household

LSCA Large-Scale Commercial Area

MDTC Mwenezi Development Training Center

MOA Ministry of Agriculture, Mechanisation and Irrigation Development

MOHCC Ministry of Health and Child Care NGO Non-Governmental Organisation

Rural District Council

NR New Resettlement **RDC**

Rural Wash Information Management System **RWIMS**

SAM Severe Acute Malnutrition

SSCA Small Scale Commercial Area

UNDP United Nations Development Fund

UNESCO United Nations Educational, Scientific and Cultural Organization

UNICEF United Nations Children's Fund

USAID United States Agency for International Development

United States Dollar USD

WFP World Food Programme

ZAR South African Rand

ZimVAC Zimbabwe Vulnerability Assessment Committee

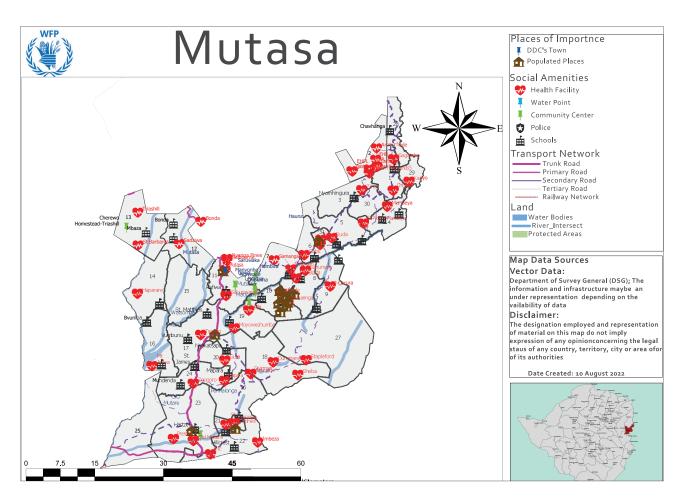


Figure 1: Mutasa district Map (Source: WFP)

1.1. Administrative Information

Mutasa District is one of the seven (7) districts in Manicaland. It is sixty-four (64)Km to the North Eastern part of Mutare. To the west it borders with Makoni district, Nyanga to the North, Mutare to the South West and Mozambique to the East. It falls under natural regions 1, 2, and 3. The district covers a total area of 274 449 hectares.

The district falls into three main livelihood zones namely Eastern highlands prime communal in Wards 1 – 13, 17,19,20 and 26, Eastern highlands commercial farming in wards 2, 18, 21, 22,23, 25 and 27; and Central and Northern Semi- intensive Farming (CNSI) in Wards 14 – 16 and 24. The Eastern highlands prime communal is characterized by intensively farmed small plots of mixed food and cash crops. Maize is the major crop grown together with other crops such as cereals, root crops, fruits, tea/coffee etc. In the Eastern highlands commercial farming Zone fruits, vegetables, flowers, tea, coffee and sugar cane are produced. Timber is an important industry in this rugged, forested highveld zone. In the Central and Northern Semi- intensive Farming (CNSI), maize is the dominant cereal crop providing both food and cash income.

The main food crops produced are bananas, maize, beans, cabbages, peas, cauliflower, green beans and green pepper. These are produced throughout the year for consumption and for sale. The other crops that are produced on seasonal basis for household consumption and for sale are yams, sweet potatoes, cassava, potatoes, cow peas, avocados, oranges, naartjes, sugar cane and pineapple. The southern part of the district comprises of large commercial farms and irrigation is practised.

There are also some dairy farming activities in the district. In Mutasa North and central milk production is on a small scale while in Mutasa South it is done on a large scale by white commercial farmers. One of these large scale commercial farmers has gone an extra mile by making some dairy products such as yoghurt, sour milk, sterilized milk and cheese.

There are thirty-one (31) administrative wards in Mutasa district. Wards are grouped according to land utilisation (**Table 1**)

Table 1: Land Utilisation By Ward

| Ward | Land Utilisation |
|------------------------|---|
| 1 to 16 | Communal area |
| 17 | Small scale communal farming area and communal area |
| 18 | Communal area, Old resettlement area, A1, Small scale communal farming area |
| 19 | Communal area, Old resettlement area |
| 20 | Communal Area, Old Resettlement Area |
| 21 | Communal Area |
| 22 | A1 and A2 |
| 23 | A1, A2, Small Scale Communal Farming Area |
| 24 | Communal Area |
| 25 | A1, A2, Old Resettlement Area |
| 26 | Communal Area, A1 |
| 27 to 31 | Communal Area |
| 29 | Estate- Macademia and Avocado |
| 1, 2, 3, 30 | Tea Estates |
| 1, 2, 7, 18, 22 and 26 | Timber Estates |

Table 2 summarises the settlement types and the number of wards per settlement type. Resettlement areas and communal areas covers most of the wards in the district

Table 2: Settlement Types

| Settlement Type | No of Wards |
|-------------------|-------------|
| Urban | 6 |
| Growth point | 1 |
| Resettlement area | 9 |
| Communal | 25 |
| Estate Farms | 6 |

Table 3: Social Infrastructure

| Number of Chiefs | 1 |
|--------------------------------------|--|
| Number of Headmen | 15 |
| Number of village heads | 354 |
| Number of Police stations | 3 |
| Number of Police Posts | 7 |
| Number of courts | 1 |
| Number of Magistrates | 1 |
| Number of Public Prosecutors | 3 |
| Number of Interpreters | 2 |
| Youth development officers | 20 |
| Women Affairs | 5 |
| Social Welfare | 4 |
| Livestock production and development | 1 |
| AARDS | 113 |
| Registry officers | 2 |
| Dip tanks | 50 |
| Number of Old People's home | 1 (Ward 6- Zimbabwe New Hope Home) |
| Number Children's home | 2 (ward23- Fairfield Children's Home and ward 12 -Bonda Children's Home) |

Mutasa district has one chief- Chief Mutasa covering the whole district being in charge of fifteen (15) headmen (**Table 3**).

In Mutasa District, district admin offices and main council offices are in the same centre (ward 11) except for Ministry of Primary and Secondary Education (ward 17). Some wards (ward 21) are in the peri-urban areas and other wards are covered by estates and plantations (**Table 4**).

Table 4: Main Business/Service Centres

| Ward No. | Ward Name | Growth Points | Business Centres | Rural Service Centres |
|----------|-------------------|---------------|------------------|-----------------------|
| 1 | Chikomba | 0 | 3 | 1 |
| 2 | Eastern Highlands | 0 | 0 | 0 |
| 3 | Zindi | 0 | 3 | 1 |
| 4 | Mandeya | 0 | 6 | 1 |
| 5 | Muparutsa | 0 | 3 | 0 |
| 6 | Samanga A | 0 | 3 | 0 |
| 7 | Samanga B | 0 | 7 | 0 |
| 8 | Sahumani | 0 | 4 | 1 |
| 9 | Nyamaende | 0 | 3 | 0 |
| 10 | Samaringa | 0 | 4 | 0 |
| 11 | Sanyamandwe | 0 | 6 | 1 |
| 12 | Sadziwa | 0 | 5 | 1 |
| 13 | Nyamhuka | 0 | 4 | 0 |
| 14 | Rutungagore | 0 | 6 | 0 |
| 15 | Mudzindiko | 0 | 3 | 1 |
| 16 | Gonde | 0 | 4 | 0 |
| 17 | Madwaramaredza | 0 | 4 | 0 |
| 18 | Sheba | 0 | 2 | 0 |
| 19 | Doweguru | 0 | 3 | 1 |
| 20 | Nyashuti | 0 | 2 | 1 |
| 21 | Penhalonga | 0 | 0 | 0 |
| 22 | Imbeza | 0 | 0 | 0 |
| 23 | Old Mutare | 0 | 0 | 0 |
| 24 | Gonde | 0 | 4 | 1 |
| 25 | Odzi | 0 | 1 | 0 |
| 26 | Muchena | 0 | 2 | 0 |
| 27 | Stappleford | 0 | 1 | 0 |
| 28 | Chavhanga | 0 | 2 | 0 |
| 29 | Katiyo | 0 | 1 | 0 |
| 30 | Mandeya 2 | 0 | 4 | 0 |
| 31 | Hauna | 1 | 0 | 0 |

1.2. Population Information - Table 5 presents statistics on the district population by ward.

Table 5: 2021 Mutasa Population Projections By Ward

| Ward No. | Ward Name | HH 2012 | Pop 2012 | Projected Population 2021 | Proportion Of Population (%) |
|-------------|----------------------|---------|----------|------------------------------|------------------------------|
| 1 | Chikomba | 2,172 | 9,341 | 10,757 | 6 |
| 2 | Eastern Highlands | 855 | 2,585 | 2,977 | 2 |
| 3 | Zindi | 2,207 | 9,369 | 10,790 | 6 |
| 4 | Mandeya | 1,439 | 5,977 | 6,883 | 4 |
| 5 | Muparutsa | 1,795 | 7,347 | 8,462 | 4 |
| 6 | Samanga A | 1,537 | 6,599 | 7,518 | 4 |
| 7 | Samanga B | 2,085 | 8,549 | 9,845 | 5 |

Table 5: 2021 Mutasa Population Projections By Ward (Continued)

| Ward | Ward Name | HH 2012 | Pop 2012 | Projected Population 2021 | Proportion Of Population (%) | |
|--|--------------------|---------|----------|---------------------------|------------------------------|--|
| 8 | Sahumani | 1,585 | 6,399 | 7,369 | 4 | |
| 9 | Nyamaende | 1,284 | 5,322 | 6,129 | 3 | |
| 10 | Samaringa | 963 | 3,755 | 4,325 | 2 | |
| 11 | Sanyamandwe | 2,653 | 10,943 | 12,603 | 6 | |
| 12 | Sadziwa | 1,457 | 6,044 | 6,961 | 4 | |
| 13 | Nyamhuka | 1,015 | 4,052 | 4,667 | 2 | |
| 14 | Rutungagore | 707 | 2,558 | 2,946 | 2 | |
| 15 | Mudzindiko | 879 | 3,312 | 3,814 | 2 | |
| 16 | Gonde | 763 | 3,045 | 3,507 | 2 | |
| 17 | Madwaramaredza | 2,449 | 10,240 | 11,793 | 6 | |
| 18 | Sheba | 858 | 2,673 | 3,079 | 2 | |
| 19 | Doweguru | 1,650 | 6,785 | 7,814 | 4 | |
| 20 | Nyashuti | 1,053 | 4,340 | 4,998 | 3 | |
| 21 | Penhalonga | 2,355 | 9281 | 10,689 | 5 | |
| 22 | Imbeza | 902 | 3,257 | 3,751 | 2 | |
| 23 | Old Mutare | 1,549 | 6,858 | 7,898 | 4 | |
| 24 | Gonde | 1,078 | 4,436 | 5,108 | 3 | |
| 25 | Odzi | 1,248 | 4,328 | 4,984 | 3 | |
| 26 | Muchena | 1,312 | 5,610 | 6,461 | 3 | |
| 27 | Stappleford | 427 | 1,503 | 1,731 | 1 | |
| 28 | Chavhanga | 930 | 3,732 | 4,298 | 2 | |
| 29 | Katiyo | 518 | 2,004 | 2,308 | 1 | |
| 30 | Mandeya 2 | 1,235 | 5,066 | 5,834 | 3 | |
| 31 | Hauna | 924 | 3,508 | 4,040 | 2 | |
| | Grand Total | | | 19,4339 | 100 | |
| For updated population figures, refer to Zimstat Census report (https://www.zimstat.co.zw) | | | | | | |

1.3. Vegetation Characteristics

Mutasa district has got some timber plantations which are scattered around the Eastern side of Mutasa central. These plantations are privately owned by individuals and Multinational companies whilst some are operated by state parastatals such as Forestry Commission of Zimbabwe. The common trees the *Brachestergia spp*. Muzhanje tree is found along mountain ranges. *Eragrostis spp* and *hyparrenia spp* are found during summer in arable area and contours. Over grazing is a result of shortage of land in communal

Soils in Mutasa range from sandy soils in the Western parts of the District (wards 14 to 16) of the District to Sandy Clay loams (wards in the Central part of District). Honde Valley is covered with red Sandy Clay Loams to heavy Clay loams which are very difficult to till when wet. Soils are influenced by Mountains and rainfall.

1.3.1 Forest Cover: Tree Species

- Wattle and Eucalyptus plantation
- Brachystegia Spiciformis
- Brachystegia Bochmu
- Acacia species
- Mussaenda arcuta
- Albizia gummifera
- Khaya anthotheca
- Bridelia micrantha

1.3.2 Grass Species

- Eragrostis acraea
- Heteropogon contortus
- Hyperthelia dissolute
- Hyparrhenia sp
- Loudetia simplex
- Microchloa kunthi
- Setaria incrassate
- Sorgum sp
- Cyperus sp (sedge)

1.4. Land Degradation

Land degradation is a process in which the value of the biophysical environment is affected by a combination of human-induced processes acting upon the land. It is viewed as any change or disturbance to the land perceived to be deleterious or undesirable. Natural hazards are excluded as a cause; however human activities can indirectly affect phenomena such as floods and bush fires. Land degradation is mainly being caused by rainfall on overgrazing and deforestation. This has also resulted in the formation of gullies. **Table 6** shows wards mostly affected by gullies and Figure 2 shows some examples of land degradation.

Table 6: Wards Mostly Affected By Gullies

| Village | Ward |
|-----------------|------|
| Mwoyoweshumba | 19 |
| Mbaza (Sadziwa) | 12 |
| Newengo | 11 |
| Gwiriri/Munyuki | 7 |
| Mapfekera | 15 |





Figure 2: Gullies In Ward 11

Figure 3: Large Deep Pit Created By Illegal Miners

The degraded area shown in figure 3 is a large deep pit created by illegal miners just near the Penhalonga tarred road. This area is below the Redwing mine slimes dump, along Mutare River. The slopes require stabilization.

Stream Bank Cultivation

Most rivers in the district have been affected by stream bank cultivation. Crops farmed in these areas range from horticulture produce to cereal crops and tobacco. The stream bank cultivation is evenly spread across the district and unexpectedly found in the Honde Valley where rainfall is abundant. This could be attributed to the fertility of these lands rather than the water factor.

1.4.1. Assessment Of River Ecosystems Degradation Along Mutare And Nyamukwarara Rivers, Mutasa District

There are extensive illegal mining activities along Mutare river ward 21,22, 23 and 25, and in the Nyamukwarara area ward 27, Mutasa district. The illegal mining activities along these river systems are causing serious land and river degradation. An assessment has been carried out to highlight the current environmental state, extent of damage, quantity of loose material along Mutare and Nyamukwarara river systems, due to these illegal mining activities (Figure 3 & 4). The assessment main aim was to analyze the major impacts to downstream communities and other land users along these two (2) river systems. Recommendations to try to curb further river degradation as well as to amend the river degradation problem have been pointed out clearly for a proposed river rehabilitation project. Strategies and solutions to rehabilitate the key degraded hot spot areas along the river systems include the following: Rechannelisation of the river systems, slope stabilization and removal of debris. An overall desired outlook of the site after rehabilitation processes has been envisioned in order to achieve the rehabilitation goal of giving the river systems another chance of life for both flora and fauna.



Figure 4: New slope degradation and pits created by illegal miners

Figure 4: Shows new slope degradation and pits created by illegal miners along Mutare River, Penhalonga area. This is in the Redwing Mine Bottom area. The slopes require stabilization.

1.4.2. Monitoring Of The Rehabilitation Of Mwoyoweshumba Gully By E.M.A , Mutasa Rural District Council And Community



Figure 5 shows the rehabilitation of Mwoyoweshumba gully by EMA.

This is a section of the gully which was nearly cutting across the major road. This portion does not have much sand filling up the gaps in comparison to the rear of the gully. However there are signs of sisals and minimal vegetation growing in the gaps.



Figure 6: Mwoyoweshumba Gully

1.5. Development Indicators

1.5.1. Education Information

All wards have at least a primary and a secondary school. A considerable number of wards do not have A level classes (**Table 7**). A proportion of 47. 3% of the schools have electricity. In comparison to 2016 data, Fig shows an improvement in terms of construction of secondary schools, creches and nurseries and electrification of schools. (**Figure 6**).

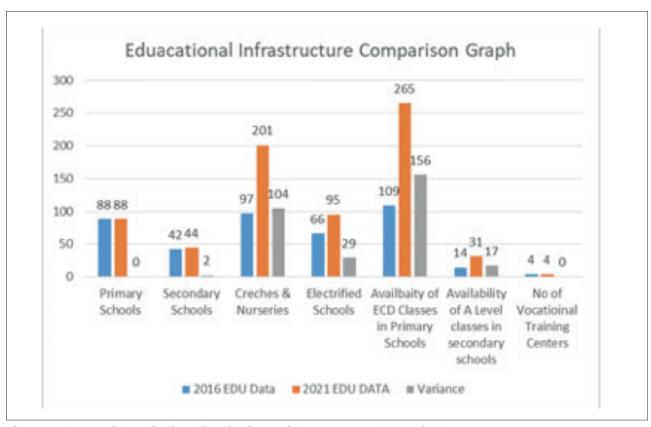


Figure 7: Comparison Of Educational Information Between 2016 And 2021 Data

In comparison to 2016 data, Fig shows an improvement in terms of construction of secondary schools, creches and nurseries and electrification of schools.

Table 7: Mutasa Education Information

| Ward | No. Of Primary Schools | No. of Secondary Schools | No. of Crèches and Nurseries | Number of electrified schools | Availability of ECD classes in Primary school | Availability of A level classes in Secondary school | Number of vocational training centers |
|-------|------------------------------|--------------------------------|---------------------------------------|-------------------------------|--|--|--|
| 1 | 3 | 2 | 2 | 4 | 10 | 2 | 0 |
| 2 | 5 | 0 | 3 | 5 | 5 | 0 | 0 |
| 3 | 4 | 1 | 3 | 4 | 12 | 0 | 0 |
| 4 | 2 | 1 | 6 | 3 | 8 | 0 | 0 |
| 5 | 3 | 1 | 8 | 4 | 10 | 0 | 0 |
| 6 | 2 | 2 | 6 | 4 | 8 | 2 | 0 |
| 7 | 4 | 2 | 6 | 6 | 12 | 2 | 0 |
| 8 | 2 | 1 | 3 | 3 | 6 | 2 | 0 |
| 9 | 4 | 2 | 8 | 3 | 10 | 0 | 0 |
| 10 | 2 | 1 | 6 | 3 | 6 | 2 | 0 |
| 11 | 3 | 1 | 15 | 4 | 16 | 2 | 1 |
| 12 | 4 | 3 | 15 | 6 | 14 | 7 | 0 |
| 13 | 3 | 2 | 12 | 4 | 5 | 0 | 0 |
| 14 | 5 | 3 | 6 | 2 | 10 | 1 | 0 |
| 15 | 4 | 1 | 8 | 1 | 8 | 0 | 0 |
| 16 | 3 | 2 | 12 | 2 | 12 | 1 | 0 |
| 17 | 3 | 2 | 9 | 4 | 14 | 2 | 0 |
| 18 | 4 | 2 | 10 | 4 | 12 | 1 | 0 |
| 19 | 4 | 2 | 8 | 3 | 10 | 0 | 0 |
| 20 | 1 | 0 | 4 | 1 | 4 | 0 | 1 |
| 21 | 3 | 2 | 11 | 5 | 17 | 1 | 0 |
| 22 | 2 | 1 | 7 | 3 | 7 | 0 | 1 |
| 23 | 3 | 2 | 1 | 3 | 3 | 1 | 0 |
| 24 | 2 | 2 | 6 | 4 | 8 | 0 | 0 |
| 25 | 3 | 1 | 4 | 2 | 9 | 0 | 0 |
| 26 | 2 | 2 | 3 | 2 | 2 | 2 | 1 |
| 27 | 2 | 0 | 3 | 0 | 3 | 0 | 0 |
| 28 | 2 | 1 | 2 | 0 | 6 | 0 | 0 |
| 29 | 1 | 0 | 2 | 1 | 4 | 0 | 0 |
| 30 | 1 | 1 | 3 | 2 | 4 | 2 | 0 |
| 31 | 2 | 1 | 9 | 3 | 10 | 1 | 0 |
| Total | 88 | 44 | 201 | 95 | 265 | 31 | 4 |

1.5.2 Challenges

- Most schools have no Advanced level,
- shortage of stationery equipment
- Increasing rates of school dropouts due to hunger and child marriages
- some pupils walk long distances to school
- During the rainy season some pupils face challenges crossing rivers
- No internet connectivity in most schools
- Most school have no computers for ICT learning

1.5.3 Health Facilities By Type

Mutasa district has 46 health facilities and 1 health post: 10 are government owned, 23 Mutasa Rural District Council owned, 8 Missions and 7 Private health facilities and 2 clinics are under construction (**Table 8**). The district as a whole has a total of 6 admitting health facilities which are comprised of Hauna district hospital, three rural health centres and two Mission Hospitals. Apart from the health facilities with health workers, there are Village Health Workers who implement health programmes in the community.

Table 8: Health Centres By Ward

| Health Centre | Ward | Ownership |
|----------------|------|------------|
| Sachisuko | 1 | Council |
| Sagambe | 1 | Council |
| EHPL | 2 | Private |
| Zindi | 3 | Council |
| St Peters | 4 | Mission |
| Chinaka | 4 | Government |
| Gatsi | 6 | Mission |
| Chitombo | 7 | Council |
| Samanga | 7 | Council |
| Mpotedzi | 8 | Council |
| Sahumani | | Council |
| | 8 | |
| Ngarura | 9 | Council |
| Rupinda | 9 | Government |
| Honde Mission | 10 | Mission |
| Samaringa | 10 | Council |
| Mutasa | 11 | Council |
| Sakupwanya | 11 | Council |
| Selbourne | 11 | Private |
| Bonda | 12 | Mission |
| Sadziwa | 12 | Council |
| St Barbaras | 13 | Mission |
| Triashill | 13 | Mission |
| Haparari | 14 | Council |
| Chinamasa | 15 | Council |
| Sherukuru | 15 | Government |
| Mt Jenya | 16 | Council |
| Tsonzo | 17 | Government |
| Drenane | 18 | Private |
| Sheba | 18 | Private |
| Jombe | 19 | Government |
| Mwoyoweshumba | 19 | Council |
| Guta | 20 | Council |
| Tsvingwe | 21 | Council |
| Imbeza | 22 | Private |
| Old Mutare | 23 | Mission |
| Premier | 23 | |
| | | Government |
| Mapara | 24 | Government |
| Zongoro | 24 | Council |
| Redwing | 26 | Private |
| St Augustines | 26 | Mission |
| Nyamukwarara | 27 | Council |
| Chavhanga | 28 | Government |
| Katiyo | 29 | Government |
| Mandeya 2 | 30 | Council |
| Hauna Clinic | 31 | Council |
| Hauna Hospital | 31 | Government |

1.6. Health and Nutrition

The district is amongst the top districts with the highest number of stunted children. The stunting rate for the district is 31.4% higher than the national average of 26.2% . Girls were reported to be more stunted than boys at an average of 36%. There are more children with MAM as compared to SAM in the district, which is also shown by information in **Table 9**. An improvement has been noted in the HIV prevalence between 2016 data and current data.

Table 9: Malnutrition and HIV

| Indicator | Percentage |
|--|------------|
| Moderate Acute Malnutrition in children 6-59 months | 2.2 |
| Severe Acute Malnutrition in children 6-59 months | 0.0 |
| Stunting in children 6-59 months | 31.4 |
| Overweight and obesity | 3.5 |
| Low Birth weight | 16.8 |
| Prevalence of HIV in adolescents and adults 15 -49 years | 9.1 |
| Prevalence of HIV in Females 15 -49 years | 11.2 |
| Prevalence of HIV in males 15 -49 years | 6.95 |
| Incidence of TB | |
| Source: National Nutrition Survey 2018 | |

Table 10 shows feeding practises in children under 2 years of age.

Table 10: Feeding Practices In Children Under 2 Years Of Age

| Feeding Practice | Percentage | | | |
|--|------------|--|--|--|
| Minimum Meal Frequency | 44.3 | | | |
| Minimum Dietary Diversity | 21 | | | |
| Minimum Acceptable Diet | 20.6 | | | |
| Excusive Breastfeeding | 48 | | | |
| Source: National Nutrition Survey 2018 | | | | |

1.7 Food Consumption Patterns

Fig below shows percentage of households with poor food consumption patterns in Zimbabwe. For Mutasa district there is and improvement from 60.5 % according to Zimvac 2020 report to 41.5 in 2021.

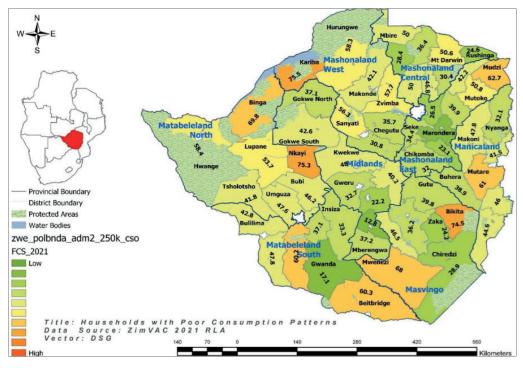


Figure 8: Zimbabwe Map showing Households with Poor Consumption Patterns

Consumption of Vitamin A rich foods was high (97%) whilst consumption of iron rich foods among women 15 to 49 years was very low (24%) hence women are more likely to suffer from iron deficiency (**Table 11**)

Table 11: Food Consumption By Women And In The Household

| Indicator | Percentage |
|---|--------------------------|
| Percentage of women meeting Minimum Dietary Diversity - women | 32 |
| Iron rich foods | 24 |
| Vitamin A rich foods | 97 |
| Protein Rich Foods | 40 |
| Household Food Consumption Score | No information available |

1.8 The top 10 common diseases and the top 5 causes of mortality respectively 1.8.1 Top 10 Common Diseases

Disease/Condition

1.ARI

2.Skin diseases

3.Diarrhoea

4.Injuries

5.malaria

6. Disease of the eye

7. Malnutrition

8. Non communicable diseases

9.TB, HIV and AIDS related conditions

10.Schistosoma(Bilharzia etc)

1.8.2 Top 5 Causes Of Mortality

Disease/Condition

1.pneumonia

2.Non communicable diseases

 $3. \\MaInutrition$

4.HIV/ AIDS related conditions

5.Perinatal deaths

2. Other Development Indicators

2.1. Water and Sanitation Information

Access to safe water is still a challenge in the district as only 46% of households have access to safe drinking water . Boreholes are the main source of safe water (**Table 14**).

Table 14: Main Water Sources By Ward

| Ward | | Water Sources | | | | | | | | |
|------|-----------|------------------|---------|--------------------|---------------------------|------------------------|--|--|--|--|
| | Boreholes | Shallow Wells | Springs | Rivers/ Streams | Piped Water Schemes | ZINWA/ Municipality | | | | |
| 1 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 2 | No | Yes | Yes | Yes | Yes | No | | | | |
| 3 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 4 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 5 | Yes | Yes | Yes | Yes | Yes | Yes | | | | |
| 6 | Yes | Yes | Yes | Yes | Yes | Yes | | | | |
| 7 | Yes | Yes | Yes | Yes | Yes | Yes | | | | |
| 8 | Yes | Yes | Yes | Yes | No | Yes | | | | |
| 9 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 10 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 11 | Yes | Yes | Yes | Yes | Yes | Yes | | | | |
| 12 | Yes | Yes | Yes | Yes | No | Yes | | | | |

Table 14: Main Water Sources By Ward (continued)

| Ward | | Water Sources | | | | | | | | |
|------|-----------|------------------|---------|--------------------|---------------------------|------------------------|--|--|--|--|
| | Boreholes | Shallow Wells | Springs | Rivers/ Streams | Piped Water Schemes | ZINWA/ Municipality | | | | |
| 13 | Yes | Yes | No | Yes | Yes | No | | | | |
| 14 | Yes | Yes | No | Yes | No | Yes | | | | |
| 15 | Yes | Yes | No | Yes | No | No | | | | |
| 16 | Yes | Yes | No | Yes | No | No | | | | |
| 17 | Yes | Yes | No | Yes | No | Yes | | | | |
| 18 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 19 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 20 | Yes | Yes | No | Yes | Yes | No | | | | |
| 21 | Yes | Yes | Yes | Yes | No | Yes | | | | |
| 22 | Yes | Yes | No | Yes | No | Yes | | | | |
| 23 | Yes | Yes | No | Yes | No | No | | | | |
| 24 | Yes | Yes | No | Yes | No | No | | | | |
| 25 | Yes | Yes | No | Yes | No | No | | | | |
| 26 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 27 | No | Yes | Yes | Yes | No | No | | | | |
| 28 | Yes | yes | Yes | Yes | Yes | No | | | | |
| 29 | No | Yes | Yes | Yes | Yes | No | | | | |
| 30 | Yes | Yes | Yes | Yes | Yes | No | | | | |
| 31 | Yes | Yes | Yes | Yes | Yes | Yes | | | | |

NB: The majority of piped water schemes are individually run gravity reticulation systems and individual institutions

About 41 boreholes in the district are non- functional mainly due to shortages of spare parts (**Table 15**). It is recommended to come up with initiatives that will improve households' access to safe water. Water is readily available in the district and water harvesting techniques will ensure availability of water throughout the year. **Official Piped Wate Schemes:** Ward 1 (1), Ward 3 (1), Ward 11 (1), Ward 26 (1), ward 30 (1), Ward 10 (2), Ward 16 (1), Ward 23 (1), Ward 24 (1),

Table 15: Distribution Of Boreholes By Ward

| Table 13 | | | | Non- | |
|----------|-------------------|-----------|------------|------------|---|
| Ward | | | Functional | Functional | |
| No | Ward Name | Boreholes | Boreholes | Boreholes | Reasons For Non-Functioning |
| 1 | Chikomba | 11 | 10 | 1 | Need spares to repair |
| 2 | Eastern Highlands | 0 | 0 | 0 | No boreholes in ward. |
| 3 | Zindi | 8 | 7 | 1 | Shortage of spares/write off |
| 4 | Mandeya | 11 | 10 | 1 | Need spares to repair |
| 5 | Muparutsa | 12 | 11 | 1 | Need spare to repair |
| 6 | Samanga A | 30 | 26 | 4 | Shortage of spares |
| 7 | Samanga B | 19 | 19 | 0 | |
| 8 | Sahumani | 29 | 27 | 2 | 1 write off & shortage of spares |
| 9 | Nyamaende | 12 | 11 | 1 | Shortage of spares |
| 10 | Samaringa | 20 | 19 | 1 | Need for spares |
| 11 | Sanyamandwe | 50 | 48 | 2 | Need for spares |
| 12 | Sadziwa | 56 | 55 | 1 | Need for spares |
| 13 | Nyamhuka | 55 | 52 | 3 | Need for spares to repair |
| 14 | Rutungagore | 52 | 50 | 2 | Need for spares to repair. drilling of new borehole to replace the dry one. |
| 15 | Mudzindiko | 43 | 42 | 1 | Same as above |

Table 15: Distribution Of Boreholes By Ward (Continued)

| Ward No | Ward Name | Boreholes | Functional Boreholes | Non- Functional Boreholes | Reasons For Non-Functioning |
|------------|------------------------------|-----------|------------------------------|---------------------------------|---|
| 16 | Gonde Jenya | 10 | 10 | 0 | |
| 17 | Madwaramaredza | 55 | 53 | 2 | Spares are needed. drilling of new borehole |
| 18 | Sheba | 22 | 18 | 4 | Need for spares |
| 19 | Doweguru | 42 | 41 | 1 | Need for spares |
| 20 | Nyashuti | 38 | 35 | 3 | Need for spares |
| 21 | Penhalonga | - | | | Council supplied Piped water |
| 22 | Imbeza | 5 | 5 | 0 | Need for additional water points |
| 23 | Old Mutare | 29 | 28 | 0 | |
| 24 | Gonde Nyakujara | 71 | 66 | 5 | Need for spares to repair |
| 25 | Odzi | 10 | 9 | 1 | Need for more boreholes |
| 26 | Muchena | 20 | 19 | 1 | Need for spares. 1 borehole needed to replace the collapsed one |
| 27 | Stappleford/ Nyamukwarara | - | 0 | | Need for boreholes in the Resettlement area. |
| 28 | Chavhanga | 2 | All deep wells are dry | Need for borehole in the area. | |
| 29 | Katiyo | - | 0 | | Need for borehole in the area. |
| 30 | Mandeya 2 | 6 | 4 | 2 | Dry |
| 31 | Hauna | 4 | 4 | 0 | |
| | Total | 722 | 681 | 41 | |

2.2. Sanitation Facilities

On average 67% of households have access to any type of latrine (table 16). The district is above the average ZimVAC national average of 63% (ZimVAC 2016 rural assessment report). There are wards with 100% ownership of any type of latrine i.e. wards 7, 10 and 26. There is need to promote use of safe types of latrines for those households that do not own such type of latrines. Households with hand washing stations are very few, only 2% and there is need for awareness campaigns to encourage households to practice proper sanitation facilities.

Table 16: Toilet Access By Wards

| Ward No | Total villages enumerated | Total households enumerated | % of HHs with any Type of Latrine | % of HHs with improved Type of Latrine in use | % of HHs with Hand-Washing Facility in use |
|------------|------------------------------|--------------------------------|--------------------------------------|---|--|
| 1 | 15 | 2724 | 88 | 19 | 44 |
| 3 | 19 | 2902 | 92 | 24 | 77 |
| 4 | 15 | 1780 | 92 | 10 | 73 |
| 5 | 18 | 2669 | 97 | 53 | 89 |
| 6 | 12 | 1848 | 92 | 54 | 51 |
| 7 | 14 | 3100 | 79 | 32 | 67 |
| 8 | 17 | 1497 | 68 | 22 | 68 |
| 9 | 15 | 2582 | 98 | 25 | 61 |
| 10 | 14 | 1448 | 78 | 55 | 60 |
| 11 | 25 | 3147 | 85 | 37 | 87 |
| 12 | 18 | 1949 | 80 | 57 | 38 |
| 13 | 23 | 1624 | 80 | 62 | 49 |
| 14 | 16 | 1049 | 72 | 63 | 72 |
| 15 | 20 | 1077 | 84 | 66 | 7 |
| 16 | 10 | 822 | 67 | 1 | 26 |

Table 16: Toilet Access By Wards (Continued)

| Ward | Total villages enumerated | Total households enumerated | % of HHs with any Type of Latrine | % of HHs with improved Type of Latrine in use | % of HHs with Hand- Washing Facility in use |
|------------|------------------------------|--------------------------------|--------------------------------------|---|---|
| Ward 17 | 7 | 1788 | 73 | 61 | 71 |
| Ward 18 | 4 | 523 | 56 | 56 | 30 |
| Ward 19 | 21 | 2031 | 83 | 74 | - |
| Ward 20 | 10 | 1463 | 97 | 51 | - |
| Ward 22 | 3 | 128 | 78 | 48 | 40 |
| Ward 23 | 9 | 609 | 97 | 30 | 34 |
| Ward 24 | 18 | 2942 | 81 | 36 | 52 |
| Ward 26 | 10 | 1438 | 86 | 8 | 68 |
| Ward 27 | 4 | 242 | 94 | 29 | 42 |
| Ward 28 | 12 | 1505 | 72 | 19 | 30 |
| Ward 29 | 3 | 436 | 100 | 2 | 75 |
| Ward 30 | 6 | 1702 | 79 | 13 | 44 |
| Ward 31 | 4 | 783 | 91 | 50 | 58 |
| Total | 362 | 45808 | | | |

3. Transport And Communication

The district is serviced by a network of surfaced and gravel roads. The main highways are the Mutare-Nyanga highway and the Selbourne to Honde Valley road. During the rainy season some parts of the district are inaccessible by road due to the bad state of roads. The district council has capacity to maintain gravel roads. For the roads managed by the District Development Fund in Honde Valley, some areas are only accessible only by four-wheel-drive enabled vehicles due to the terrain

Most of the district is covered by wireless or cell phone networks (**Table 17**), although mountainous areas of the district have poor reception. Landline telephones connect most of the business centres throughout the district. Villages and business centers with telephone services have access to the internet.

Table 17: Network Coverage By Ward

| Ward | Type of Network | Coverage | Road Network | Comment |
|------|----------------------------|-----------|---------------|--|
| 1 | Econet | Good | Gravel | DDF/Council road-Fair/ bad condition |
| 2 | Econet | Poor | Tarred/Gravel | Min./Council road Fair/bad condition |
| 3 | Econet/Netone | Good | Tarred/Gravel | Min./DDF/ Council road, Good/Fair & Fair |
| 4 | Econet | Fair | Gravel | DDF/ Council Fair/fair Condition |
| 5 | Econet/ Telecel/ Netone | Good | Tarred/Gravel | DDF/Council Fair / Good/Good road network. |
| 6 | Econet/Telecel/ Netone | Good | Tarred/Gravel | Min/DDF / Council road; good/ Good. |
| 7 | Econet/Telecel/ Netone | Very Good | Tarred/Gravel | Min /DDF/Council road- good/fair |
| 8 | Econet/Telecel/ Netone | Good | Gravel | DDF/Council-Fair |

Table 17: Network Coverage By Ward (Continued)_

| Ward | Type of Network | Coverage | Road Network | Comment |
|------|----------------------------|-----------|-----------------------------|---|
| 9 | Econet | Fair | Gravel | Council/DDF -Fair |
| 10 | Econet/Netone | Fair | Gravel | Council-Fair |
| 11 | Econet/ Netone/ Telecel | Very good | Tarred/ | Council-Good rd network -Primary road manned by Min. of Trans |
| 12 | Econet/Netone/ Telecel | Good | Gravel | Min/DDF/Council/ good/Fair/Poor |
| 13 | Econet/Netone | Fair | Gravel | DDF/Council- Poor/Poor |
| 14 | Econet | Good | Gravel | DDF/Council- poor road condition. |
| 15 | Econet/Netone | Good | Gravel | DDF/Council- Fair/ Poor road network. |
| 16 | Econet/Netone | Good | Gravel | DDF/Council- Poor coverage, fair condition |
| 17 | Econet/Netone/ Telecel | Good | Tarred/Gravel | DDF/Council-Fair Condition |
| 18 | Econet/Telecel/ Netone | Good | Gravel | Min. Council-poor condition |
| 19 | Econet/ Netone | Good | Gravel | DDF/Council-poor condition |
| 20 | Econet/Netone/ Telecel | Good | Gravel | DDF-Fair Condition |
| 21 | Econet/Netone/ Telecel | Good | Tarred/ Gravel road | Min./Council- Good/ Fair |
| 22 | Econet/Netone/ Telecel | Good | Tarred/ Gravel road | Min/ Council-good/ Fair |
| 23 | Econet/Netone/ Telecel | Good | Tarred/ Gravel road | Min/Council-Good/fair |
| 24 | Econet/Netone/ Telecel | Good | Tarred/ Gravel | Min/Council-Good/Fair |
| 25 | Econet/Netone/ Telecel | | Tarred/ | Min/Council/ Council-Good/Fair/Fair |
| 26 | Econet/Telone/ Telecel | Very good | Tarred road/ gravel road | Min. road bad condition |
| 27 | Econet/Netone | Poor | Tarred/ gravel | Private /council |
| 28 | Econet | Fair | Gravel | Council / poor condition |
| 29 | Econet | Fair | Tarred road | Min./Council road; fair condition |
| 30 | Econet/ | Good | Tarred/ gravel | Min./Council condition fair/ Poor |
| 31 | Econet/ Telcel/ Netone | Very Good | Tarred road/ Gravel | Min/ council road /Good |

4. Main Livelihood Sources

4.1 Livehood Zones In The District

The district falls into three (3) main livelihood zones namely: Eastern Highlands Prime Communal in wards 1 – 13, 17, 19, 20 and 26, Eastern Highlands Commercial farming in Wards 2, 18, 21, 22,23, 25 and 27; and Central and Northern Semi- Intensive Farming (CNSI) in Wards 14 – 16 and 24 (**Table 18**).

The Eastern Highlands Prime Communal is characterized by intensively farmed small plots of mixed food and cash crops. Maize is the major crop but crop diversity is a key feature in this zone (cereals, root crops, fruits, tea /coffee). In the Eastern Highlands Commercial Farming Zone the main crops grown are fruits, vegetables, flowers, tea, coffee and sugar cane. Timber is an important industry in this rugged, forested highveld zone. In the Central and Northern Semi- Intensive Farming

Table 18: Summary of Economic Zones

| Economic / livelihood Zones | Description | Wards |
|--|--|---|
| Eastern Highlands Commercial | The area receives high rainfall usually in excess of 1200mm per annum and is in region 1. The zone has A1, A2, LSCF (Eastern Highlands, Major livelihood activities are maize, macadamia, Irish potato, coffee, tea, timber, avocado pears, banana, fruits, dairy | 21, 22, 23, 25, 27, 18, 29, and 2 |
| Eastern Highlands Communal | The zone receives fairly high rainfall usually above 1000mm per annum. Major livelihood options are mixed crop-livestock farming. Crops grown are mainly maize, Irish and sweet potatoes, avocado pears, coffee, bananas, plums, mangoes, oranges, timber. Main livestock reared in the region include cattle, goats indigenous chickens and rabbits. Some people provide labour to Estate. There are individual and group irrigation schemes used to support the massive Banana projects. | 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 17, 19, 20, 26, 28 and 30 |
| Central and Northern Semi- intensive Farming | The rainfall received is above 750-1000mm. Cropping and livestock, maize, cotton, sugar bean, soya beans, sorghum, and seed maize are suitable in this region. Horticultural, plantation crops and sugar beans are also grown. Livestock consist mainly of small stock, fish farming, Apiculture and limited beef numbers due to shortage of grazing. | 14, 15, 16 and 24 |
| Source: Zimbabwe HE | A baseline, 2012 | |

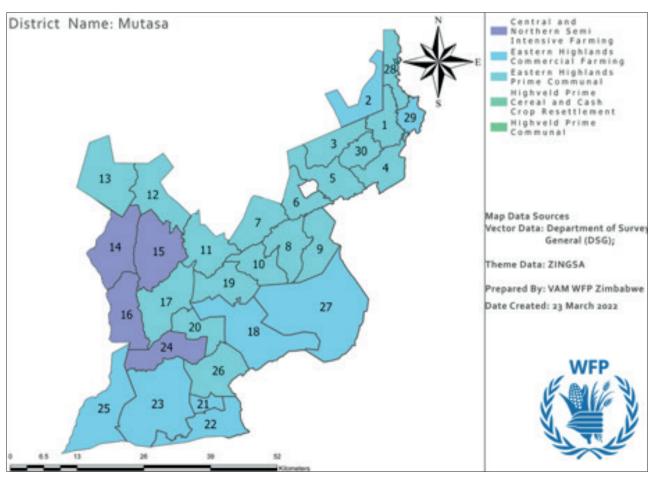


Figure 9: District Livelihood Zone Map

The main economic activities by ward include crop production and sales, mining, casual labour at commercial farms and estates (**Table 19**).

Table 19: Summary Of Economic Activities By Wards

| Economic Zones | Description | Wards |
|-----------------------------------|---|-------------------------|
| Agriculture, Forestry and Fishing | Farming of crops, plantations and livestock production. | All wards |
| Mining and Quarrying | Extraction of mineral resources from the ground. | 21, 23 and 27 |
| Electricity | Generation of electricity. | 2, 3, 5,7 and 9 |
| Wholesale and Retail trade | Operation of stores and supermarkets. | All wards |
| Processors | Value addition: fruit processing, bakeries, dairy, Apiculture | 8, 19, 23, 31 and 18 |
| Transportation | Moving of goods and people. Commuting services. | All wards |
| Accommodation and Food services | Lodges, conference facilities, hotels, motels, restaurants, catering services | 2, 5, 12, 17, 21 and 31 |
| Formal Employment | Civil service (Central and Local government), Parastatals, Private Enterprises, Education, Private financial services | All wards |
| Craft and related trades | Welding, Carpentry, sewing and knitting, Bamboo crafts, sculpting, brick molding, sand extraction. | All wards |
| Source: AARDS | | |

4.2 Main Challenges Affecting Livelihood Activity

- 1. Access to markets (most of the produce are perishables) and poor geographical terrain.
- 2. Dictating prices by buyers
- 3. Covid-19 lockdown
- 4. Mobile network activity
- 5. Contractors failing to pay back on time
- 6. Climatic conditions changes

4.3 Summary Of Sources Of Income

- Horticultural produce sales
- Remittances
- Artesian mining as from 2018
- Crop and Livestock sales
- Casual labour
- Formal employment
- Petty trade
- Informal employment
- Brick moulding
- Isals

4.4 Comment

- Except from formal employment, all other listed informal sources of income were affected by covid-19 lockdown. They shrinked.
- From the beginning of 2022 lockdown restrictions were uplifted which brought many activities in motion.
- Since 2018, the introduction of Zimbabwe dollar led to inflation thereby eroding the disposable income of the formally employed people.

5. Poverty Levels

The average poverty level for the district stands at 78.9% which is higher than the national rural poverty of 68%. Only ward 2 and 22 have poverty prevalence below that of the national average **(Table 20)**.

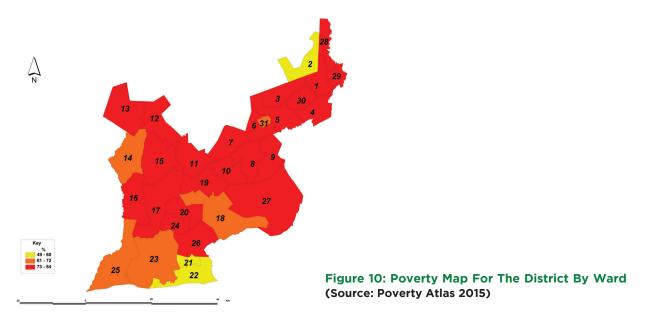
Table 20: Poverty Prevalence By Ward

| Ward No. | Projected 2021 | Proportion Of Population (%) | HH 2012 | Number Of Poor | Poverty Prevalence (%) | |
|----------|----------------|------------------------------|-----------|----------------|---------------------------|--|
| 1 | 10757 | 6 | 2172 | 1844 | 85.7 | |
| 2 | 2977 | 2 | 855 | 544 | 63.9 | |
| 3 | 10790 | 6 | 2207 1862 | | 85.3 | |
| 4 | 6883 | 4 | 1439 | 1256 | 88.0 | |
| 5 | 8462 | 4 | 1795 | 1507 | 84.8 | |

Table 20: Poverty Prevalence By Ward (Continued)

| Ward No. | Projected 2021 | Proportion of population (%) | HH 2012 | Number of Poor | Poverty Prevalence (%) |
|--------------|-----------------|------------------------------|---------|----------------|---------------------------|
| 6 | 7518 | 4 | 1537 | 1189 | 78.3 |
| 7 | 9845 | 5 | 2085 | 1677 | 81.0 |
| 8 | 7369 | 4 | 1585 | 1284 | 82.1 |
| 9 | 6129 | 3 | 1284 | 1076 | 84.9 |
| 10 | 4325 | 2 | 963 | 753 | 79.3 |
| 11 | 12603 | 6 | 2653 | 2042 | 77.7 |
| 12 | 6961 | 4 | 1457 | 1110 | 76.7 |
| 13 | 4667 | 2 | 1015 | 799 | 79.6 |
| 14 | 2946 | 2 | 707 | 533 | 75.9 |
| 15 | 3814 | 2 | 879 | 684 | 78.7 |
| 16 | 3507 | 2 | 763 | 636 | 83.8 |
| 17 | 11793 | 6 | 2449 | 1919 | 78.8 |
| 18 | 3079 | 2 | 858 | 598 | 69.7 |
| 19 | 7814 | 4 | 1650 | 1332 | 81.1 |
| 20 | 4998 | 3 | 1053 | 861 | 82.0 |
| 21 | 10689 | 5 | 2355 | 1688 | 71.9 |
| 22 | 3751 | 2 | 902 | 513 | 57.2 |
| 23 | 7898 | 4 | 1549 | 1048 | 68.1 |
| 24 | 5108 | 3 | 1078 | 868 | 81.2 |
| 25 | 4984 | 3 | 1248 | 845 | 68.1 |
| 26 | 6461 | 3 | 1312 | 1017 | 77.9 |
| 27 | 1731 | 1 | 427 | 320 | 76.0 |
| 28 | 4298 | 2 | 930 | 798 | 86.5 |
| 29 | 2308 | 1 | 518 | 433 | 83.9 |
| 30 | 5834 | 3 | 1235 | 1024 | 83.5 |
| 31 | 4040 | 2 | 924 | 619 | 67.4 |
| Total | 194339 | | 41,884 | 32,679 | 78.0 |
| Source: Pove | erty Atlas 2015 | | | | |

High poverty prevalence is mainly concentrated in the central and western wards **(Figure 10)**. Poverty alleviation measures need to be put in place to reduce poverty rates in these wards



6. Agriculture information

6.1 Natural Regions And Climate

The district falls into 4 natural regions i.e. region 1, 11A, IIB and III and these regions normally receive adequate well distributed rainfall. These regions are suitable for intensive agricultural production. **Table 21** provides for the characteristics of each region and the wards that fall under each region

Table 21: Summary Of Natural Regions By Ward

| Natural region | Characteristics | Wards |
|--------------------|---|--|
| I (1) 127 395 ha | More than 1000mm rainfall annually most of which falls throughout the year (can reach 1800mm). High temperatures, high altitudes, steep slopes. Has red soils. Suitable for intensive diversified agriculture. Plantations do well here, Tea, Coffee, Bananas and most horticultural crops. | 1, 2, 3, 4, 5, 6, 9, 27, 28, 29 and 30 |
| Ila (2a) 50 129 ha | 750mm - 1000mm rainfall annually, generally falls from November to March/April. Generally good soils mostly sandy loams. Suitable for intensive cropping and livestock production. Maize, Cotton, Soybeans, Sorghum and seed maize suitable for this region. | 7, 8, 11, 22 and 26 |
| IIb (2b) 50 621 ha | 750mm - 1000mm rainfall annually, generally falls from November to March/April. Generally good soils mostly sandy loams. Suitable for intensive cropping and livestock production. Flue Cured tobacco, Maize, Cotton, Wheat, Soybeans, Sorghum, seed maize and burley tobacco suitable for this region. | 10, 12, 13, 17, 18, 19, 20, 21 and 23 |
| III (3) 46 304 ha | 500mm - 750mm rainfall annually. Mid-season dry spells and high temperatures. Drought tolerant crops are grown in this region inclusive of Maize, Sorghum, Finger Millet, Groundnuts and Sunflowers. | 14, 15, 16, 24 and 25 |

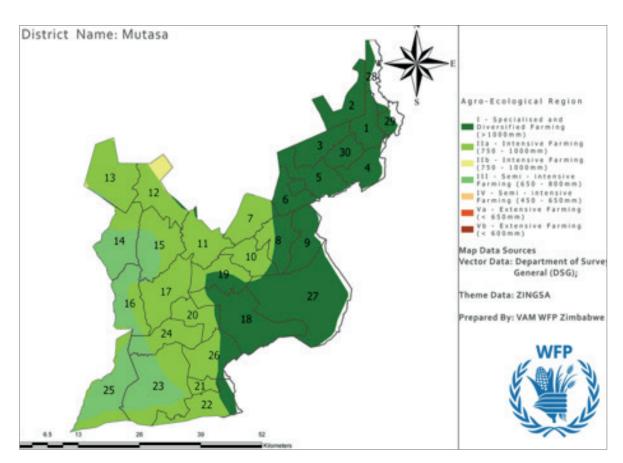


Figure 11: The Natural Regions By Ward

6.2 Soil Types

Soils in Mutasa range from sandy soil in the Western parts of the District (wards 14 to 16) of the District to Sandy Clay loams (wards in the Central part of District. Honde Valley is covered with red Sandy Clay Loams which are pliable to heavy Clay loams which are very difficult to till when wet. Soils are influenced by rock parent material and rainfall.

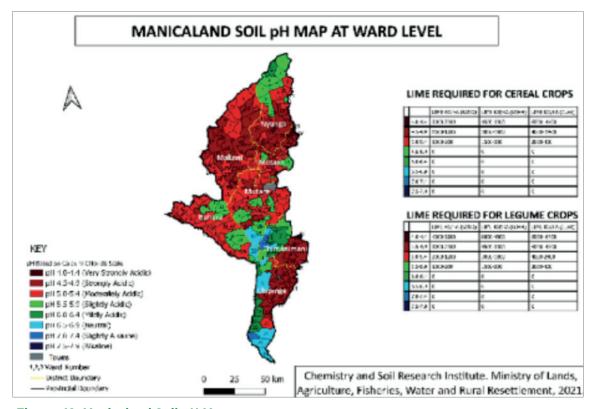


Figure 12: Manicaland Soil pH Map

6.3 Mean Annual Rainfall

The mean annual rainfall has been on a declining trend since 2016, only picking up during the 2020/21 agric season. Whilst the mean average looks good, there has been a challenge of erratic distribution during the season to extents that there has been some significant food insecurity in the district. Food insecurity levels even rose beyond both provincial and national averages during the 2019/20 agricultural season despite receiving rainfall more than 1000mm (**Figure 13**).

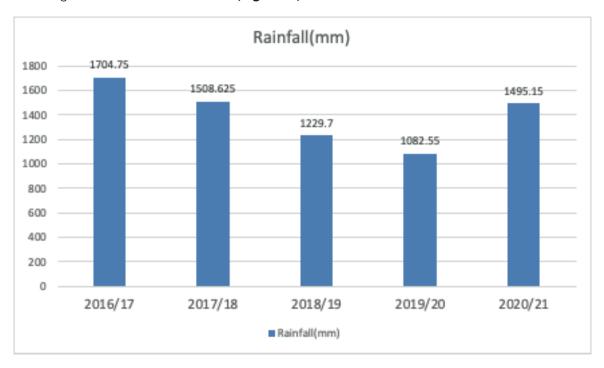


Figure 13: Mutasa Mean annual Rainfall by season

According to Figure 14, Mutasa is mildly prone to drought. The distribution of drought within the district is not uniform, wards in natural region (1) are not prone to drought and wards in agro-ecological Region III are mildly prone to drought. The areas in the Honde Valley receive highest rainfall, the Central and Southern parts receive average to above average rainfall. the Western parts receive the least amount of rainfall. Drought prone wards are Ward 8, 10, 11, 12, 13, 14, 15, 16, 17, 20 and 24. Amongst the drought prone wards, Ward 14 is the hardest hit although it is in close proximity to Osborne dam.

6.4 Drought Prone Areas

The most prominent hazards found in the district include droughts, veld fires, traffic accident, communicable disease outbreaks, floods, environmental degradation, malaria, wild animals and poor distribution of rain. Table 23 and 24 shows the wards most affected by the hazards, as well as recommendations on the response mechanisms already in place in the district

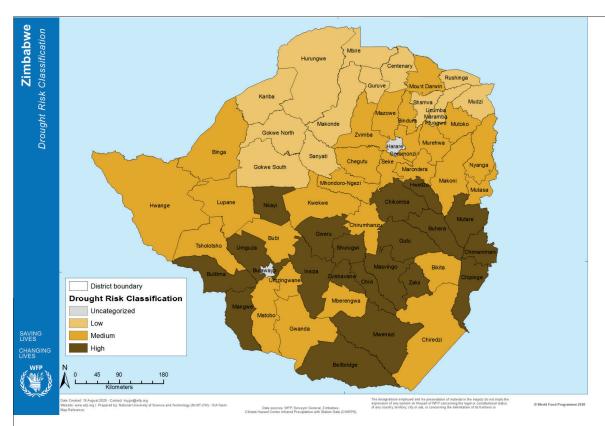


Figure 14: Drought Risk Map (Source Zimbabwe ICA, 2022)

6.5 Flood Prone Areas

Most wards in the district are at no risk to floods and classified as none. Parts of Ward 26, 28, 29, 30 and 31 were recorded to have low risk of flooding.

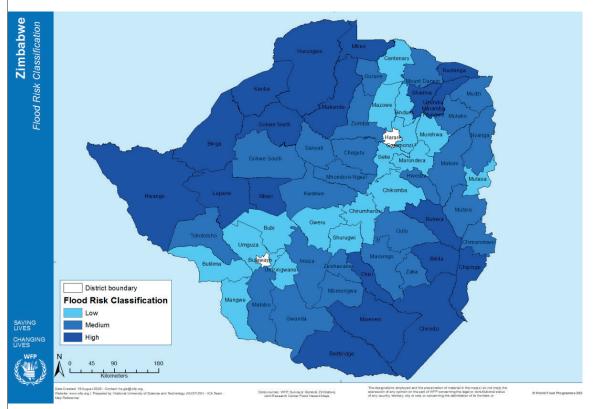


Figure 15: Flood Risk Map (Source: Zimbabwe ICA ,2021)

Most wards in the district are at no risk to floods and classified as none according to the UNDP 2015 hazard mapping. Parts of ward 26, 28, 29, 30 and 31 were recorded to have low risk of flooding.

Table 23 and 24 shows Hazard Profile and Mapping and a list periodic and chronic hazards respectively

Table 22: Hazard Profile And Mapping (Medium, High, Very High) At Ward Level

| Hazard | Ward At Risk | Affected Elements | Why Affected/Vulnerable |
|---------------------------|--|--|--|
| Drought | 8, 10, 11, 12, 13, 14, 15, 16, 17, 20 and 24. | Crops, livestock, human | Insufficiency of water to sustain human, crop and animal life |
| Environmental degradation | 21, 22,23, 27, 7, 19 Widespread in communal wards, but also occur along river valleys across entire district | Land, crops, livestock, pastures, human | Insufficiency of water to sustain human, crop and animal life |
| Veld fires | 21, 22, 23, 24, 25, 26, 27, 18 and 19 | Vegetation, livestock, human, wildlife | Fires destroy elements |
| Crop pests (army worm,) | All wards | All crops and grasses | Pests not easy to control and pesticides are expensive |
| Water pollution | 27, 21, 22 and 23 | Aquatic life, humans, livestock | Water is contaminated especially by gold panners for example Nyamukwarara river and Mutare river |
| Malaria | 23, , 29, 28, 4, 30, 31, 14, 15, 16, 17, 24, 25, 18 and 1 to 10 | Humans | Wards have breeding areas for mosquitoes and some households don't cooperate to government malaria control programs. |
| Road traffic accidents | Main roads of Mutasa especially in Honde Valley and DC- Rusape road | Humans | Terrain, drivers have fatigue and vehicle mechanical faults. |

Table 24: Periodic And Chronic Hazards

| Ward No. | Ward Name | Periodic Hazards/ Sudden On Set | Chronic Hazards |
|----------|-------------------|---------------------------------|---------------------------|
| 1 | Chikomba | Crop diseases HR, Malaria HR, | |
| 2 | Eastern Highlands | Crop diseases HR, Malaria HR | Pollution |
| 3 | Zindi | Crop diseases HR, Malaria HR, | Environmental degradation |
| 4 | Mandeya | Crop diseases HR, Malaria HR, | |
| 5 | Muparutsa | Crop diseases HR, Malaria HR, | |
| 6 | Samanga A | Crop diseases HR, Malaria HR, | |
| 7 | Samanga B | Crop diseases HR, Malaria HR, | |
| 8 | Sahumani | Crop diseases HR, Malaria HR, | Hailstorms |
| 9 | Nyamaende | Crop diseases HR, Malaria HR, | |
| 10 | Samaringa | Crop diseases HR, Malaria HR, | Droughts, hailstorms |
| 11 | Sanyamandwe | Crop diseases HR | |
| 12 | Sadziwa | Crop diseases HR | |
| 13 | Nyamhuka | Crop diseases HR | |
| 14 | Rutungagore | Crop diseases HR, Malaria HR, | Droughts |
| 15 | Mudzindiko | Crop diseases HR, Malaria HR, | Droughts |
| 16 | Gonde | Crop diseases HR, Malaria HR, | Droughts |
| 17 | Madwaramaredza | Crop diseases HR, Malaria HR, | |
| 18 | Sheba | Crop diseases HR | |
| 19 | Doweguru | Crop diseases HR | Hailstorms |
| 20 | Nyashuti | Crop diseases HR | Hailstorms |
| 21 | Penhalonga | Crop diseases HR | Hailstorms |
| 22 | Imbeza | Crop diseases HR | Hailstorms |

Table 24: Periodic And Chronic Hazards (Continued)

| Ward No. | Ward Name | Periodic Hazards/ Sudden On Set | Chronic Hazards |
|----------|-------------|---------------------------------|-----------------|
| 23 | Old Mutare | Crop diseases HR | |
| 24 | Gonde | Crop diseases HR | |
| 25 | Odzi | Crop diseases HR | Hailstorms |
| 26 | Muchena | Crop diseases HR | Hailstorms |
| 27 | Stappleford | Crop diseases HR | |
| 28 | Chavhanga | Crop diseases HR | |
| 29 | Katiyo | Crop diseases HR | |
| 30 | Mandeya 2 | Crop diseases HR | |
| 31 | Hauna | Crop diseases HR | |

Refer to the risk analysis below:

| Damage Potential | Hazard Frequency/ Prevalence | | |
|------------------|------------------------------|--------|------|
| | Low | Medium | High |
| Low | VLR | LR | MR |
| Medium | LR | MR | HR |
| High | MR | HR | VHR |
| Very high | MR | HR | VHR |

LR - low risk; sustain ongoing measures

MR- medium risk & high risk - heightened/strengthened actions required

VHR - very high risk - immediate actions required

6.6 Hydro-Geological Conditions

Mutasa district is in the Highveld, receiving high rainfall, hence there are a number of small to large dams in the district. The major ones being Osborne Dam and Nyawamba Dam. Pungwe-Mutare pipeline also pass through the district and the district is yet to fully benefit from water points along the route (table 25). It is proving expensive for local communities to access the piped water from the Pungwe along the way to Mutare in terms of acquiring the right pipes for their irrigations. In Honde Valley, water is supplied by a number of small piped systems and motorised pumps serving small towns, growth points, commercial plantations, service centres and some villages, as well as direct abstractions from the rivers by riparian village communities not connected to developed installations. These major water sources are perennial. The water sources are used for irrigation, fishery, recreational activities and electricity generation.

Table 25: Major Dams In The District

| Ward | Major Dams in Ward |
|---------|--------------------|
| Ward 16 | Osborne Dam |
| Ward 18 | Odzani |
| Ward 2 | Nyawamba |
| Ward 26 | Cold stream dam |

Hydro-electricity generation - Duru river, Pungwe river, Ngarura river.

Mutasa receives water supply from; Mutarazi, Pungwe, Odzi, Odzani, Honde and Mutare Rivers.

7. Crop Information

Soils in Mutasa range from sandy soil in the western parts of the district (wards 14 to 16) to sandy clay loams in wards in the central part of the district. Honde Valley is covered with red sandy clay loams to heavy clay loams which are very difficult to till when wet. Soils are influenced by mountains and rainfall.

The main food crops produced are bananas, maize, beans, cabbages, peas, cauliflower, green beans and green pepper (**Table 27**). These are produced throughout the year for consumption and for sale. Seasonal crops such as yams, sweet potatoes, cassava, potatoes, cow peas, avocados, oranges, naartjes, sugar cane and pine apples are also produced in the district for sale and consumption. The southern part of the district comprises of large commercial farms and irrigation schemes.

There are a number of farming sectors in the district and the largest in terms of area and population is com-

munal occupying 55% of arable land and practiced by 89% of the district Farming sectors and crops grown population (**Table 26**).

Table 26: Main Farming Sectors in the District

| Farming Sector | Area (Ha) | Percentage % | Population | Percentage % | |
|----------------|------------------|--------------|------------|--------------|--|
| A2 | 22822 | 9 | 401 | 0.2 | |
| A1 | 68166 | 26 | 1194 | 1 | |
| SSCFA | CFA 17051 7 | | 862 | 0.8 | |
| ORA | 5368 | 2 | 7809 | 5 | |
| CA | 142512 55 150408 | | 150408 | 89 | |
| Peri Urban | 1902 | 1 | 9379 | 5 | |
| Total | 257821 | | 170046 | | |

Comment

Bulk of Agriculture land is allocated under communal farmers in the District

8. Crop Production Trends

Table 27: Cereal Production And Adequacy

| Crop | 201 | 5/16 | 2016 | 5/17 | 201 | 7/18 | 2018 | 3/19 | 2019 | 9/20 | 202 | 0/21 |
|-----------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|-------------------------------|
| | Area Plan ted (Ha) | Est. total prod. (T) |
| Maize | 31 296 | 25 036 | 30 983 | 34081 | 25 411 | 24 646 | 22 574 | 15 802 | 24 620 | 27 082 | 23662.1 | 42591.8 |
| sweet potato | 314 | 2512 | 254 | 1 270 | 389 | 2723 | 349 | 3490 | 312 | 2808 | 275 | 2 750 |
| rapoko | 419 | 168 | 1 284 | 257 | 596 | 125 | 256 | 77 | 259 | 155 | 98.9 | 59.3 |
| sorghum | 525 | 210 | 1 339 | 402 | 144 | 82 | 94 | 32 | 135 | 74 | 35.6 | 21.4 |
| sugar beans | 2 120 | 1484 | 742 | 223 | 1 598 | 1 486 | 7 527 | 5 269 | 1 460 | 1 460 | 346.5 | 277.2 |
| ground nuts | 781 | 486 | 1 657 | 663 | 400 | 168 | 1 271 | 636 | 677 | 372 | 371.1 | 185.6 |
| bambara nuts | 401 | 160 | 1 139 | 456 | 103 | 514 | 291 | 175 | 205 | 316 | 36.3 | 14.5 |
| cow peas | 358 | 143 | 721 | 361 | 445 | 186 | 233 | 117 | 100 | 60 | 25.7 | 10.3 |

8.1 Comment

Due to climate change there has been a decline in maize production due to high units, The table shows that there was a shift to small grains which are resilient to erratic rainfall received in the District. however there are catch crops which thrives well if the initial crop failed like cowpeas, bambara nuts and beans.

9. Irrigation Schemes

Owing to the presence of so many water bodies within the district, there are a number of irrigation facilities on the district and most of them are functional (**Table 28**). Some wards do not have irrigation facilities and they rely on other wards for supplies throughout the year. As malnutrition is one of the greatest challenges the district is faced with, there is need to promote production of crops within these irrigation schemes that promote a balanced diet.

Table 28: Distribution Of Irrigation Schemes By Ward

| Ward | Name of Irrigation Scheme | Total Area (Ha) | Status |
|------|---------------------------|-----------------|----------------|
| 5 | Makuwaza | 30 | Not Functional |
| 6 | Rujeko | 30 | Functional |
| 7 | Mupangwa | 23 | Functional |
| 7 | Mutarazi | 20 | Functional |
| 7 | Manunure | 28 | Functional |
| 8 | Honde 1 | 20 | Not functional |

Table 28: Distribution Of Irrigation Schemes By Ward (Continued)

| Ward | Name of Irrigation Scheme | Total Area (ha) | Status |
|------|---------------------------|-----------------|----------------|
| 14 | Dudzai | 7 | Not Functional |
| 16 | Manyasha | 16 | Functional |
| 19 | Chidzinzwa | 26 | Functional |
| 22 | Brooksville | 78 | Not Functional |
| 23 | Cynara | 260 | Functional |
| 23 | Premier Central | 153 | Functional |
| 23 | Lavastock | 81 | Functional |
| 23 | Lavastock | 36 | Functional |
| 23 | Quoridas | 30 | Functional |
| 23 | Fairview | 45 | Functional |
| 23 | En-avant | 72 | Functional |
| 23 | Grange A | 135 | Functional |
| 23 | Grange B | 141 | Functional |
| 23 | Alderberry | 66 | Functional |
| 24 | Koodsberg | 24 | Not Functional |
| 25 | Wreysdrift | 120 | Not Functional |
| 25 | Hwizo | 54 | Functional |
| 25 | Tara | 51 | Not Functional |
| 25 | Green Valley | 33 | Functional |
| 25 | Fivestreams | 60 | Functional |

9.1 Not Functional Irrigation Schemes

- -Dilapidated infrastructure due to age
- -Wear dry out
- -Siltation from main source

9.2 Challenges encountered in irrigation schemes

- High cost of inputs which result in higher production costs.
- Formal market access.
- Some areas have transportation challenges as road infrastructure is poor resulting in no transporters willing to venture in the areas.
- Water supply is not enough for irrigation in some parts of the district.
- · Poor management of irrigation schemes.
- Vandalism and theft of irrigation equipment.

10. Livestock

Cattle, goats and chickens are the main livestock and poultry reared in the district. Dairy farming forms an essential part of the district's economy. In Mutasa north and central, milk production is on a small scale while in Mutasa south it is done on a large scale by white commercial farmers. One of these large scale commercial farmers produces dairy products such as yoghurt, sour milk, sterilized milk and cheese for retail and employs a number of people.

Very few households own livestock due to lack of grazing areas (**Table 29**). Livestock is mainly owned by a few households and livestock farmers.

Goats are tethered and it affects the breeding rate especially when one does not have a buck of his own.

Table 29: Average livestock holding per ward

| Ward (Or Dip z ztank) | Average Cattle Holding | Average Goats Holding | Average Sheep Holding | Average Chicken Holding |
|--------------------------|---------------------------|--------------------------|--------------------------|----------------------------|
| 1 | 560 | 2200 | 115 | 5900 |
| 2 | 42 | 108 | 32 | 345 |
| 3 | 430 | 1810 | 105 | 7050 |
| 4 | 374 | 1107 | 28 | 7354 |

Table 29: Average Livestock Holding Per Ward (Continued)

| Ward (Or Dip tank) | Average Cattle Holding | Average Goats Holding | Average Sheep Holding | Average Chicken Holding | |
|--|---------------------------|--------------------------|--------------------------|----------------------------|--|
| 5 | 375 | 703 | 54 | 8164 | |
| 6 | 167 | 677 | 51 | 3031 | |
| 7 | 1071 | 1785 | 8 | 11741 | |
| 8 | 1190 | 997 | 26 | 9335 | |
| 9 | 1439 | 754 | 165 | 3944 | |
| 10 | 1240 | 2366 | 6 | 5833 | |
| 11 | 232 | 1772 | 0 | 10473 | |
| 12 | 3179 | 1432 | 294 | 7222 | |
| 13 | 1504 | 535 | 200 | 4240 | |
| 14 | 3687 | 3762 | 0 | 9579 | |
| 15 | 1046 | 2039 | 26 | 4624 | |
| 16 | 1285 | 2761 | 9 | 11316 | |
| 17 | 925 | 1769 | 55 | 5786 | |
| 18 | 630 | 1256 | 15 | 4991 | |
| 19 | 1165 | 1609 | 11 | 881 | |
| 20 | 345 | 936 | 29 | 419 | |
| 21 | 54 | 48 | 7 | 1550 | |
| 22 | 204 | 1372 | 1416 | 2860 | |
| 23 | 392 | 1370 | 374 | 10431 | |
| 24 | 900 | 1745 | 20 | 4389 | |
| 25 | 809 | 1524 | 1520 | 5212 | |
| 26 | 830 | 722 | 47 | 13240 | |
| 27 | 211 | 375 | 0 | 2360 | |
| 28 | 208 | 807 | 114 | 2600 | |
| 29 | 173 | 635 | 63 | 2698 | |
| 30 | 138 | 852 | 8 | 6648 | |
| 31 | 76 | 307 | 0 | 2340 | |
| TOTAL | 24881 | 40135 | 4798 | 176576 | |
| Source: AARDS livestock statistics report 2021 | | | | | |

10.1 Comment

Most of Livestock is male owned in most of the wards.

Table 30-35 shows main livestock disease, dipping facilities, animal health centres, livestock holding capacity and distribution of head sizes respectively.

Table 30: Main Livestock Diseases

| Livestock Disease | Wards Mostly Affected (Number and name of wards affected) |
|--------------------|--|
| Rabies: | 2, 3, 4, 12,1 3 and 30 |
| Newcastle disease: | 1, 2, 3, 4, 28 and 30 |
| Anthrax | 12, 13 and 14 |
| Foot and Mouth: | 0 |
| Lumpy skin | 10 and 13 |
| Heart water | 10 and 24 |
| Theileriosis | 16, 23, 25 and 26 |

10.2 Comment

Inter ward movement by livestock in search of water spread most diseases like Anthrax and Foot and Mouth. Zoonotic diseases like Rabies are transmitted through dog bites. Tick borne diseases like Theileriosis, Heartwater can be corrected by dipping animal fought nightly.

Table 31: Dipping Facilities

| Number of Diptanks | Number of functional dip tanks | Number of dip tanks currently under rehab | Number of dip tanks requiring rehab |
|--------------------|--------------------------------|---|-------------------------------------|
| 50 | 49 | 5 | 44 |

NB: Nyamukwarara dip tank is not in use.

Table 32: Animal Health Centres

| Number of functional Animal Health centres | 16 |
|--|----|
| Number of Non-functional animal health centres | 0 |
| Number of Community Animal Health Workers/Paravets | - |

Table 33: Livestock Holding

| | Number of Households | Who Own Cattle (%) | Who own goats (%) |
|---------------------|----------------------|--------------------|-------------------|
| All Households | 48000 | 45 | 60 |
| Farm Households | | | |
| Non-Farm Households | | | |

Table 34: Distribution Of Herd Size

| Number of livestock per household | Cattle | Goats |
|-----------------------------------|--------|-------|
| 0 | 23381 | 19130 |
| <5 | 10628 | 12753 |
| >5 | 8502 | 10628 |

Table 35: Other Livestock Establishments

| Type of Establishment | Number of Establishments |
|---------------------------------|--------------------------|
| Aquaculture (Capture fisheries) | 0 |
| Aquaculture (Ponds) | 3833 |
| Apiculture | 6752 |
| Dairy Farms | 80 |
| Feedlots | 0 |
| Fodder production | 123 |

10.3 Challenges Faced By Livestock Farmers

- 1. Lack of grazing areas
- 2. High cost of stock feeds
- 3. Lack of silage cutting equipment

11. Markets

11.1 Livestock Markets

Major livestock markets are local butcheries. There is no abattoir within the district. Livestock prices have been very stable for the past 5 years or more. The prices can be affected by seasonality but are generally stable. **Table 36** shows the general livestock prices. There is need to establish more livestock markets and abbatoirs within the district

Table 36: Livestock Market

| Livestock Type | Average Price (Us\$) 2016 | Average Price (Us\$) 2022 | Type Of Market |
|----------------|---------------------------|---------------------------|---|
| Cattle | 300 | 350 | Open market, local butcheries and individuals |
| Sheep | 60 | 70 | Open market, local butcheries and individuals |
| Goats | 30 | 35 | Open market, local butcheries and individuals |

Table 36: Livestock Market (Continued)

| Livestock type | Average Price (US\$) 2016 | Average Price (US\$) 2022 | Type of Market |
|------------------------|---------------------------|---------------------------|---|
| Donkey | 150 | 150 | Open market, local butcheries and individuals |
| Fish | 4/kg | 3/kg | Open market, local butcheries and individuals |
| Guinea Fowls | 10 | 10 | Open market, local butcheries and individuals |
| Indigenous Chickens | 4 | 5 | Open market, local butcheries and individuals |
| Pigs | 70 | 80 | Open market, local butcheries, individuals and food outlets |

Livestock prices fluctuate in drought years and when there is a disease outbreak like Anthrax, Theleriosis, Foot and Mouth, Blackleg and Heart water.

11. 2 Crop Produce Markets

Main types and characteristics of agricultural markets for main crops:

Food commodities are generally available in all business centers except for maize grain which is normally sold from farmer to farmer or to private buyers (**Table 37**). There is great need for market linkages for the crops grown in the district. Some companies have standing agreements with farmers and they provide a ready market for fruits, vegetables and other crops. There is need for creation of a competitive markets for the farmers as most of these farmers rely on farming as their only source of livelihoods.

Prices of commodities have been very stable over the past years, which might be as a result of deflation (**Table 38**).

Table 37: Crop Produce Markets

| Market name | Ward number | Commodity | Source of commodity | Availability |
|-------------|----------------|---|---|-------------------|
| | | | | |
| MURARA | 5 | Banana, Yams, Sweet potato, sugar beans, pineapple, citrus | Local farmers ward 3, 5 and 30 | Available |
| Hauna | 31 | Banana, Yams, Sweet potato, Sugarbeans, Tomatoes, Leaf vegetables, Cabbage | Farmers from Wards 5, 6, 7, 9, 30 and 31 | Readily Available |
| Mutasa | 21, 26 and 27 | Horticultural commodities and Cereals | Sakubva market | Available |
| Mutasa | 7, 8, 9 and 10 | Cereals | Local farmer, Rusape markets, Sakubva & GMB | Available |
| | 7, 8, 9 and 10 | Hortculture | Local farmers | Available |
| Mutasa | 11 | Horticultural commodities | Community gardens, Individual gardens | Available |
| | 12 and 13 | Cereals | Local farmers | Scarce |

11. 3 Comment

- Glutton of horticulture products on the market renders low price, which is a loss, considering cost benefit analysis.

Table 38: Commodity Availability And Prices By Ward

| Ward | Maize Meal | Maize Grain | Beans | Other Small Grain | Rice | Maize Meal \$/10Kg | Maize Grain \$/ Bucket | Beans \$ /500G | Other Small Grain \$/ Bucket | Rice (Per 2Kgs) |
|------|---------------|------------------|-----------|-------------------------|-----------|--------------------------|---------------------------------|----------------------|--|-----------------------|
| 5 | Available | Available | Available | Nil | Nil | 4 | 5 | 0.50 | Nil | Nil |
| 6 | Available | Available | Available | Scarce | Nil | 4 | 5 | 0.50 | 18 | Nil |
| 30 | Available | Available | Available | Scarce | Nil | 4 | 5 | 0.50 | 20 | Nil |
| 31 | Available | Available | Available | Scarce | Nil | 3.40 | 5 | 0.50 | 20 | Nil |
| 2 | Available | Available | Available | Scarce | Nil | 5 | 4 | 0.50 | 20 | Nil |
| 28 | Available | Available | Available | Scarce | Available | 6 | 4 | 0.50 | 20 | 2.20 |
| 29 | Available | Available | Available | Scarce | Nil | 6 | 4 | 0.50 | 20 | Nil |
| 7 | Available | Available | Available | Scarce | Nil | 5 | 5 | 0.50 | 20 | Nil |
| 11 | Available | Not Available | Available | Nil | Available | 5 | 6 | 0.50 | 15 | 2 |
| 12 | Available | Scarce | Scarce | Nil | Available | 5 | 6 | 0.50 | 15 | 2 |
| 13 | Available | Scarce | Scarce | Nil | Available | 5 | 6 | 0.50 | 15 | 2 |
| 8 | Available | Available | Available | Scarce | Nil | 5 | 5 | 0.50 | Nil | Nil |
| 9 | Available | Available | Available | Scarce | Nil | 5 | 4 | 0.50 | Nil | Nil |
| 10 | Available | Available | Available | Scarce | Nil | 5 | 5 | 0.50 | 20 | Nil |
| 19 | Available | Available | Available | Scarce | Nil | 5 | 4 | 0.50 | 15 | Nil |
| 20 | Available | Scarce | Scarce | Scarce | Nil | 6 | 7 | 0.5 | 15 | Nil |
| 21 | Available | Scarce | Scarce | Nil | Available | 5 | 6 | 0.50 | 15 | 2 |
| 26 | Available | Scarce | Scarce | Nil | Available | 5 | 7 | 0.50 | 15 | 2 |
| 27 | Available | Scarce | Available | Nil | Available | 6 | 7 | 0.50 | 15 | 2 |
| 1 | Available | Available | Available | Nil | Nil | 5 | 5 | 0.50 | Nil | Nil |
| 3 | Available | Available | Available | Nil | Nil | 5 | 5 | 0.50 | Nil | Nil |
| 4 | Available | Available | Scarce | Nil | Nil | 5 | 5 | 0.50 | Nil | Nil |
| 22 | Available | Available | Nil | Nil | Nil | 5 | 8 | 0.50 | Nil | Nil |
| 23 | Available | Available | Available | Nil | Nil | 5 | 7 | 1 | Nil | Nil |
| 25 | Available | Available | Nil | Nil | Nil | 7 | 7 | 1 | Nil | Nil |

11.4 Comment

Poor road network due to synclines and anticlines geographic setup in most horticulture producing wards, renders perishable products poor on the market due to poor shelf life.

11.5 Labour Markets

Table 39 shows a list of labour markets by ward.

Table 39: Labour Markets

| Labour Opportunity | Ward Offering This Opportunity | Wards Providing Labour | Proportion Of Households Accessing This Opportunity |
|--------------------|-----------------------------------|------------------------|---|
| Ward 5 | 5 | 5,30 | 1:4 |
| Ward 6 | 6 | 6,7,31 | 1:6 |
| Ward 30 | 30 | 5,30,3 | 1:4 |
| Ward 31 | 31 | 6,31,5 | 1:6 |
| Ward 7 | 7 | 7,8 | 1:3 |
| Ward 8 | 8 | 8 | 1:3 |
| Ward 9 | 9 | 9 | 1:3 |
| Ward 10 | 10 | 10 | 1:4 |
| Ward 2 | 2 | 2, 28 | 1:3 |

Table 39: Labour Markets (Continued)

| Labour Opportunity | Ward Offering This Opportunity | Wards Providing Labour | Proportion Of Households Accessing This Opportunity |
|--------------------|-----------------------------------|------------------------|---|
| Ward 28 | 28 | 28, 29 | 1:6 |
| Ward 29 | 29 | 29, 28 | 1:6 |
| Ward 19 | 19 | 19 | 1:4 |
| Ward 20 | 20 | 20 | 1:4 |
| Ward 21 | 21 | 26 | 1:3 |
| | | | |
| Ward 26 | 26 | 26 | 1:3 |
| Ward 27 | 27 | 27 | 1:4 |
| Ward 1 | 1 | 1 | 1:3 |
| Ward 3 | 3 | 3 | 1:3 |
| Ward 4 | 4 | 4 | 1:3 |
| | | | |
| Ward 22 | 22 | 22 | 1:3 |
| Ward 23 | 23 | 23 | 1:3 |
| Ward 11 | 11 | 11 | 1:3 |
| Ward 12 | 12 | 12 | 1:3 |
| Ward 13 | 13 | 13 | 1:3 |

11.6 Market Challenges

List the challenges faced by service providers, traders and buyers in the district e.g.

Poor network/ communication between buyer and seller.

- Service providers not fully equipped and also lacks updated market information.
- Bad geographical terrain from fields to road thereby requiring more labour(human, Donkeys to ferry products to main road).
- Buyers imposing prices for farmers.
- Late payment by contractors to contracted farmers.
- Inflation.
- In drought years prices of cattle significantly go down.

Agricultural activities occur throughout the year with horticulture cultivation occurring throughout the year. Stress periods normally occur from October to March during the lean season. Table 40 and 41 show the seasonal calendar in a typical and bad **Table 40**: Seasonal Calendar.

Table 40: Seasonal Calendar

| | | | Calen | dar Of C | Cereal Pu | ırchases | - Norma | l Vears | | | | |
|---------------------------|-----|-----|-----------|----------|-----------|----------|-----------|-----------|------|-----|-----|-----|
| | | | | | | | | | | | | _ |
| ITEM | Jan | Feb | Mar | Ар | May | June | July | Aug | Sept | Oct | Nov | Dec |
| Food purchases | | | | | | | | | | | | |
| Lean/ Hungry Period | | | | | | | | | | | | |
| | | Ta | ble 41: C | alendar | Of Food | Purchas | ses- Drou | ıght Peri | od | | | |
| ITEM | Jan | Feb | Mar | Ар | May | June | July | Aug | Sept | Oct | Nov | Dec |
| Food purchases | | | | | | | | | | | | |
| Lean/ Hungry Period | | | | | | | | | | | | |

Mutasa District get relieved in normal year, because beginning of May many households will be food and nutrition secure and there is a lot to supplement, like beans, cowpeas, sunflower oil, pumpkins, popcorns, legumes etc, unlike in a drought year where purchase of cereal and horticulture is all year round as denoted by second table.

12. Food Security

According to ZimVAC reports 2017 - 2021, food insecurity for the district has generally been lower than the national average (**Figure 16**). 2019/20 recorded the highest insecurity score which was even above both the national and provincial scores. This was due to the negative impacts of Covid-19 which was highly characterized by lockdown and tough movement restrictions that were strictly complied to in the province.

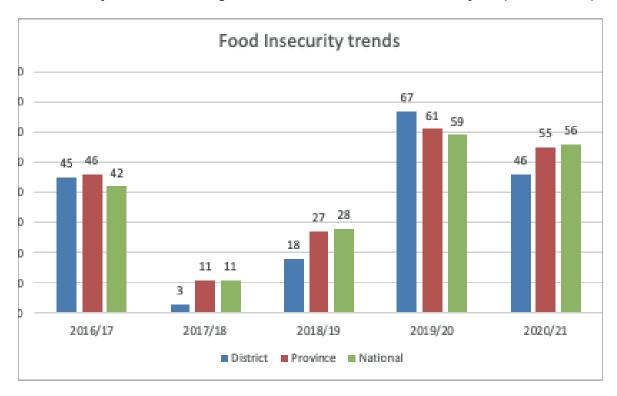


Figure 16: Mutasa District Food Insecurity Trend From 2017 To 2021

12.1 Mutasa Food Security Livelihoods Cluster As At 2021

The benefiting 16 wards were selected using the findings from the Crop & Livestock Assessment of 2016/17 courtesy of the dept. of AARDS. The programme targets most vulnerable households who receive 50kgs of maize grain per household per month.

Table 42: Shows The Wards Covered By Food Aid Programme

| Organization | Category | Area of Intervention | Wards covered |
|--|-------------------------------------|----------------------|--|
| Government of Zimbabwe- Department of Social Development | Food Deficit Mitigation Strategy | | 3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 24 and 30 |

Table 2: Food Security Livelihoods Cluster 5 W matrix

12.2 Ranking Of Wards By Food Insecurity

Ward 14 was reported to be the most food insecure ward (**Table 43**), although it does not have the highest poverty rates and lowest cereal adequacy which shows that households have other vulnerabilities that impact on their food security status.

Table 43: Wards Ranking According To Food Insecurity

| Ward | 2016 Estimated Population | HH 2012 | Cereal Adequacy (Months) | Poverty Prevalence (%) | Food Insecurity Rankings |
|------|------------------------------|---------|-----------------------------|---------------------------|-----------------------------|
| 14 | 7,150 | 1537 | 10 | 78.3 | 1 |
| 15 | 2,802 | 707 | 10 | 75.9 | 2 |
| 16 | 3,335 | 763 | 10 | 83.8 | 3 |
| 13 | 4,438 | 1015 | 11 | 79.6 | 4 |
| 12 | 6,620 | 1457 | 13 | 76.7 | 5 |
| 11 | 11,985 | 2653 | 6 | 77.7 | 6 |
| 10 | 4,113 | 963 | 11 | 79.3 | 7 |
| 8 | 7,008 | 1585 | 8 | 82.1 | 8 |

Table 43: Wards Ranking According To Food Insecurity (Continued)

| Ward | 2016 Estimated Population | HH 2012 | Cereal Adequacy (Months) | Poverty Prevalence (%) | Food Insecurity Rankings |
|-------|------------------------------|---------|-----------------------------|---------------------------|-----------------------------|
| 9 | 5,829 | 1284 | 9 | 84.9 | 9 |
| 24 | 4,858 | 1078 | 9 | 81.2 | 10 |
| 17 | 11,215 | 2449 | 7 | 78.8 | 11 |
| 20 | 4,753 | 1053 | 8 | 82.0 | 12 |
| 30 | 5,548 | 1235 | 10 | 83.5 | 13 |
| 3 | 10,261 | 2207 | 3 | 85.3 | 14 |
| 7 | 9,363 | 2085 | 9 | 81.0 | 15 |
| 6 | 7,150 | 1537 | 10 | 78.3 | 16 |
| 26 | 6,144 | 1312 | 7 | 77.9 | 17 |
| 4 | 6,546 | 1439 | 10 | 88.0 | 18 |
| 25 | 4,740 | 1248 | 8 | 68.1 | 19 |
| 5 | 8,047 | 1795 | 8 | 84.8 | 20 |
| 1 | 10,230 | 2172 | 5 | 85.7 | 21 |
| 2 | 2,831 | 855 | 11 | 63.9 | 22 |
| 29 | 2,195 | 518 | 11 | 83.9 | 23 |
| 28 | 4,087 | 930 | 8 | 86.5 | 24 |
| 31 | 3,842 | 924 | 11 | 67.4 | 25 |
| 21 | 10,165 | 2355 | 2 | 71.9 | 26 |
| 22 | 3,567 | 902 | 14 | 57.2 | 27 |
| 23 | 7,511 | 1549 | 5 | 68.1 | 28 |
| 27 | 1,646 | 427 | 11 | 76.0 | 29 |
| 18 | 2,928 | 858 | 16 | 69.7 | 30 |
| 19 | 7,431 | 1650 | 18 | 81.1 | 31 |
| Total | 184,816 | 41,884 | 9.29 | 78 | |

13. District Development Priorities

Table 44 presents the district development priorities which mainly include Improve sanitation and hygiene coverages within the district, Improved access to social services, Resuscitation of bridges etc.

Table 44: District Development Priorities

| Development Priority | Wards Targeted | Comment |
|---|-------------------------------|---|
| Improve sanitation and hygiene coverages within the district | | Train, research and development Conduct community awareness Stakeholder's engagement. Monitor, evaluate and continuous improvements Develop and rehabilitate WASH infrastructure |
| Improved access to social services | | Application for more land for expansion of existing residential, industrial and commercial component. Expedite implementation of Council resolutions on health, education, cemeteries, social amenities, and recreational services demands and needs. Establish and capacitate disaster preparedness plan |
| Health facilities and health posts | 5, 30, 3, 18, 25, 20 and 7 | Long distances to get health services |
| Secondary roads | All wards | Poor and degraded roads resulting in poor network |
| Primary and secondary schools especially ECD centres | All wards | Children walking long distances to get education |
| Rehabilitation of irrigation of all non functional irrigation schemes | 16, 5, 8 and 10 | |
| Resuscitation of bridges | 3, 5, 27 and 18 | |

14. Development Partner Profiling

Table 45: A summary of NGOs Operating in the District by Ward and Areas of Focus (Interventions).

Table 45: NGO Profile 2022

| No | Name Of Organisation | Area Of Intervention | Ward Of Operation | Line Ministry |
|----|--|---|--|---|
| 1 | FACT Zimbabwe | Child Protection | 1-31 | DSS & HEALTH |
| 2. | Childline | Child Protection | ALL WARDS | DSS |
| 3. | Takunda Development Trust | Child Protection | 11, 12 and 7 | Education |
| 4. | Plan International | Child Protection | All Wards | DSS& Education and Health |
| 5 | Chiedza Trust | Girl Child Support, Empowerment & Protection | 1-31 WARDS | Health, Education and dept of Social services |
| 6 | Brti | Research | | |
| | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 17, 20, 29 and 30 | Health | | |
| 7 | Sat | Poultry Value Chain Agric | 11, 16, 18, 19, 21, 22, 23, 24 and 26 | Ministry of Agric |
| 8 | Kubatana Org | Education, Health & Social Welfare | 10, 11, 14, 16, 17, 18,19, 20, 24 and 26 | Health and Social Welfare |
| 9 | Mercy Cops | WASH COVID-19 | 6,12,26 | |
| | | | | |
| 10 | Connect Zimbabwe Institute Of Systemic Thepapy | GBV and Child Marriages | 4, 5, 7, 8, 10, 11, 12, 13, 14 and 15 | Ministry of Women Affairs |
| 11 | The Africa Trust | Water and Sanitation | All Wards | MOHCC; DWSSC |
| 12 | DOMCCP | Health, Human Rights Support | 5, 10, 11 and 30 | MOHCC; Women Affairs |
| 13 | PACDEF | Women Economic Empowerment, Capacity Building | All Wards | Gender; DDC |
| 14 | Pimai Christian Care Trust | Education; Health & Food Nutrition | 4 & 30 | Education; Food Nutrition; Health |
| 15 | Simukai Child Protection Programme | Child Protection | All Wards | Department Of Social Development |
| 16 | Africaid Zvandiri | Treatment, Care & Health Support | All Wards | Mohcc |
| 18 | FOST | Psychosocial Support | 1, 2, 3, 8, 23, 26, 28 and 29 | Department of Social Development |
| 19 | DAPP | Agricultural Support | 11 and 19 | AARDS |
| 20 | SNV | Youth Empowerment Project | 3, 31, 11, 19, 18 and 23 | Ministry Of Youth |
| 21 | World Vision | Livelihoods, health, Child Protection | 1, 3, 4, 28, 29 and 30 | Health Department Of Social Department |
| 22 | International Institute For Development Facility (lidf) | Institutional Building | All Wards | Local Government |
| 23 | Zimbabwe Health Interventions | Hiv Care And Treatment | All Wards | МОНСС |
| 24 | Jekesapfungwa Vulingqondo | Food & Nutrition & Business | 17, 18, 19, 20 and 24 | Ministry Of Agriculture |

Table 45: NGO Profile 2022 (Continued)

| No | Name Of Organisation | Area Of Intervention | Ward Of Operation | Line Ministry |
|------------------|---------------------------------------|--|---------------------------|---|
| 26 | Apostolic Women Empowerment Trust | Covid 19 Responses & Support Spotlight Interventions | 30, 31, 3, 9, 19 and 8 | HEALTH |
| Women Affairs | | | | |
| 27. | Pensioners Union Trust Of Zimbabwe | Elderly People Widows And Youth | 3 | Min of Youth; women affairs |
| 28 | Arise | Gender Based Violence | 5, 6 and 31 | Women affairs |
| 29 | Justice for children | Legal Services | All wards | Dept of Social Services |
| 30 | Family Support Trust | Medical Psyco Social Support | All Wards | Health |
| 31 | Higherlife Foundation | Education And Health | All Wards | Ministry Of Health And Ministry Of Education. Social Welfare |
| 32 | Nhaka African World View Trust | Education And Training | 23, 24 and 16 | Ministry Of Education |
| 33 | Africa Aid Zvandiri | Treatment And Care, Health Support | 26 and 31 | Ministry Of Healthand Childcare |

| Food Insecurity Rankings | 21 | 22 | 4 | 82 | 20 | ō | 15 |
|----------------------------------|---|--|---|---|---|---|---|
| | | | - | - | | - | - |
| Average Poultry_ ownership | 000 | 345 | 7050 | 7354 | 8164 | 3031 | 11741 |
| Average Sheep_ ownership | SIL | 32 | 105 | 28 | 54 | ন | ω |
| Average Goats_ ownership | 2200 | 801 | 1810 | 1107 | 703 | 677 | 1785 |
| Average_ cattle_ ownership | 200 | 42 | 430 | 374 | 375 | 167 | 1071 |
| Flood Prone | None | Very Low to | Very Low to | Very Low to | Very Low to | Very Low to | Very Low to none |
| Drought | Гом | Low | Low | Low | Low | Low | Medium |
| Coping Strategies | Disposal of productive assets, casual labour trade | Casual labour trade | Disposal of productive assets, casual labour trade |
| Source Of Income | Formal and casual labour in and around estates, crop production, horizouture, sale of indigenous and exotic fruits | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits |
| Agro- Ecological Zones | r | - | - | - | - | - | 2a |
| Livelihood Zone Description | The zone receives fairly high rainfall usually above 1000mm per annum. Major livelihood options are mixed crop-livestock farming. Crops grown are mainly maize, lirsh and sweet potatoes, avocado pears, coffee, bananas, pulms, mangoes, oranges, timber. Main livestock reared in the region include cattle, goats indigenous chickens and rabbits. Some people provide labour to Estate. There are inclividual and group irrigation schemes used to support the massive Banana projects. | The area receives high rainfall usually in excess of IZOOmm per annum and is in region 1. The zone has A1, A2, LSCF (Easten Highlands, Major livelihood activities are maize, macadamia, irish potats, coffee, tea, timber, avocado pears, banana, fruits, dairy | | | | | |
| Livelihood Zone | ЕНРС | EHCF | ЕНРС | ЕНРС | ЕНРС | ЕНРС | ЕНРС |
| No. Of Poor HHs | 1844 | 544 | 1862 | 1256 | 1507 | 1189 | 1677 |
| Poverty Level (%) | 85.70% | 63.90% | 85.30% | 88.00% | 84.80% | 78.30% | 81.00% |
| Access To Toilets | 88 | 92 | 85 | 97 | 92 | 79 | 89 |
| Access To Safe Water | Yes | o Z | Yes | Yes | Yes | Yes | Yes |
| Health | 7 | - | - | 8 | 0 | - | 2 |
| ¥ | 9122 | 3591 | 9269 | 6043 | 7539 | 6455 | 8757 |
| Ward | - | Ν | м | 4 | ហ | ω | _ |

46. Summary By Ward

46. Summary By Ward (Continued)

| No No | Health Facility | Access ty To Safe Water | Access To Toilets | Poverty Level (%) | Poor HE S | No. Of Non Poor HHs | Livelihood Zone | Agro- Ecological Zones | Source Of Income | Coping Strategies | Drought Prone | Flood Prone | Average_ cattle_ ownership | Average Goats_ ownership | Average Sheep_ ownership | Average Poultry_ ownership | Food Insecurity Rankings |
|-------|--------------------|-------------------------|-------------------|-------------------------|-----------------|------------------------------|--------------------|------------------------------|---|---|------------------|-------------|----------------------------------|--------------------------------|--------------------------------|----------------------------------|--------------------------------|
| 6657 | 2 | Yes | 86 | 82.10% | 1284 | | ЕНРС | 2a | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Disposal of productive assets, casual labour trade | Medium | Very Low to | 0611 | 766 | 26 | 9335 | ω |
| 5393 | 2 | Yes | 78 | 84.90% | 1076 | | ЕНРС | - | Formal and casual labour in and around estates, crop production, hortculture, sale of indigenous and exotic fruits | Disposal of productive assets, casual labour trade | Low | Very Low to | 1439 | 754 | 165 | 3944 | ō |
| 4045 | 2 | Yes | 85 | 79.30% | 753 | | ЕНРС | 2b | Formal and casual labour in and around estates, crop production, hortfoulture, sale of indigenous and exotic fruits | Disposal of productive assets, casual labour trade | Medium | Very Low to | 1240 | 2366 | ø | 5833 | |
| III43 | м | Yes | 08 | 77.70% | 2042 | | ЕНРС | 2b | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Disposal of productive assets, casual labour trade | Medium | Very Low to | 232 | 1772 | 0 | 10473 | ω |
| 6119 | 7 | Yes | 8 | 76.70% | 0111 | | ЕНРС | 2b | Formal and casual labour in and around estates, crop production, hortculture, sale of indigenous and exotic fruits | Disposal of productive assets, casual labour trade | Medium | Very Low to | 3179 | 1432 | 294 | 7222 | ru |
| 4263 | 2 | Yes | 72 | 79.60% | 799 | | ЕНРС | 2b | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Disposal of productive assets, casual labour trade | Medium | Very Low to | 1504 | 535 | 200 | 4240 | 4 |
| 3692 | 2 | Yes | 67 | 78.70% | 684 | | C&NSIF | м | Formal and casual labour in and around estates, crop production, hortculture, sale of indigenous and exotic fruits | Consumption based coping strategies, disposal of productive assets, casual labour trade | High | Very Low to | 1046 | 2039 | 26 | 4624 | 2 |
| 3205 | - | Yes | 73 | 83.80% | 636 | | C&NSIF | M | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits | Consumption based coping strategies, disposal of productive assets, casual labour trade | High | Very Low to | 1285 | 2761 | ō | 11316 | м |

46. Summary By Ward (Continued)

| Food Insecurity Rankings | F | 92 |
|--------------------------------------|---|---|
| Average Poultry_ ownership | 5786 | 4991 |
| Average Sheep_ ownership | 55 | 15 |
| Average Goats_ ownership | 1769 | 1256 |
| Flood Prone Average_cattle_ownership | 925 | 630 |
| Flood Prone | Very Low to | Very Low to |
| Drought Prone | Medium | Medium |
| Coping Strategies | Disposal of productive assets, casual labour trade | |
| Source Of Income | Formal and casual labour Disposal of productive Medium in and around estates, crop assets, casual labour production, horticulture, sale trade of indigenous and excitc fruits | Formal and casual labour in and around estates, crop production, horticulture, sale of indigenous and exotic fruits |
| Agro- Ecological Zones | 2b | 2b |
| Livelihood Zone Description | | |
| Livelihood | ЕНРС | ЕНСР |
| No. Poor HHs | 1919 | 598 |
| Access Poverty To Level Tollets (%) | 78.80% | 69.70% |
| Access To Toilets | 99 | 83 |
| Access To Safe Water | Yes | Yes |
| Health Facility | - | 2 |
| ₹ | 10286 | 3604 |
| Ward No | | |

Annex

Mutasa District Profiling Team District Profiling Team

| Name | Designation | Organisation |
|--------------------------|---|-----------------------------------|
| Christina Masvanhise | DAEO | AARDS |
| Nyangani Mapheon | District Social Development Officer | Department of Social Development |
| Samson Robson Munemo | Household Economic Strengthening Ofiicer | FACT Zimbabwe |
| Natasha Rumbidzai Musaka | District Nutritionist | Ministry Of Health And Child Care |
| Taembedzwa Mukwaya | District Economist | Ministry Of Local Government |

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MUTASA District Food and Nutrition Security Profile

2022





