



ZAMBIA

IPC ACUTE FOOD INSECURITY ANALYSIS

JULY 2022 – MARCH 2023

Published on August 30, 2022

CLIMATIC SHOCKS, HIGH FOOD PRICES WORSEN ZAMBIA FOOD INSECURITY

| CURRENT SITUATION JULY- SEPTEMBER 2022 | | |
|---|---------|-----------------------------------|
| 1.35M 10% of the population analysed People facing high acute food insecurity (IPC Phase 3 or above) IN NEED OF URGENT ACTION | Phase 5 | 0 People in Catastrophe |
| | Phase 4 | 0 People in Emergency |
| | Phase 3 | 1,352,000 People in Crisis |
| | Phase 2 | 6,132,000 People Stressed |
| | Phase 1 | 6,007,000 People in food security |

| PROJECTION OCTOBER - MARCH 2023 | | |
|---|---------|-----------------------------------|
| 1.95M 14% of the population analysed People facing high acute food insecurity (IPC Phase 3 or above) IN NEED OF URGENT ACTION | Phase 5 | 0 People in Catastrophe |
| | Phase 4 | 0 People in Emergency |
| | Phase 3 | 1,952,000 People in Crisis |
| | Phase 2 | 6,601,000 People Stressed |
| | Phase 1 | 4,937,000 People in food security |

Overview

Over 1.35 million Zambians (10% of the analysed population) are experiencing severe food insecurity (IPC Phase 3 - Crisis) between July and September 2022, due to high food prices and climatic shocks. This population requires urgent humanitarian action to reduce food gaps, protect and restore livelihoods, and prevent acute malnutrition.

The current vulnerability in Zambia has been driven by a high incidence of poverty, the impact of the COVID-19 pandemic, macroeconomic instability, and exposure to climatic shocks. This has resulted in an increase in food insecurity in the analysed districts primarily driven by these shocks such as prolonged dry spells, flooding, reduced livelihood opportunities due to restrictions linked to COVID-19, pests and diseases, and high input and food prices. Most of these shocks occurred during the flowering and grain filling periods for most staple crops between December 2021 and March 2022. Though the cost of maize has declined since the start of the 2022/2023 consumption year, they remain above the 5-year average.

Out of 91 districts that were assessed and analysed, 14 districts have been classified in IPC Phase 3 (Crisis), with the remaining districts classified in IPC Phase 2 (Stressed) while one district is in IPC Phase 1 (Minimal) during the current period. Ninety-one districts were analysed out of 116 in the country.

During the projected period, between October 2022 and March 2023, food insecurity is expected to worsen with additional 34 districts being classified in IPC Phase 3 (Crisis), taking the total number of hotspot districts to forty-eight. During this period, which coincides with the start of the lean season, it is projected that about 1,95 million people (14% of the analysed population) will be classified in IPC Phase 3. These people will likely require urgent humanitarian assistance to reduce food gaps, protect and restore livelihood and prevent acute malnutrition.

Key Drivers



Flooding

Parts of Central, Eastern, parts of Muchinga, parts of Copperbelt, Luapula, Lusaka, Southern and Western provinces experienced flooding due to excessive rains leading to waterlogging of crops.



High food prices

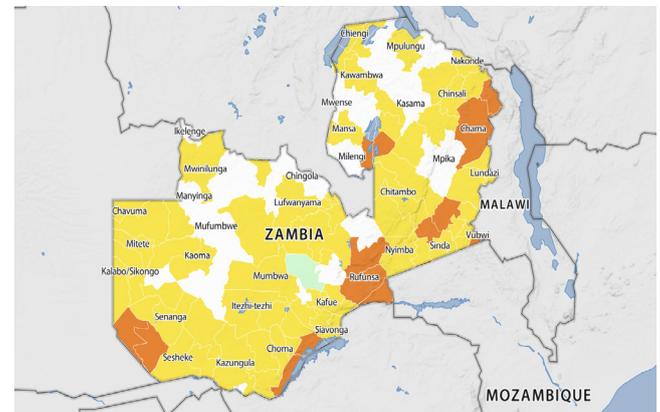
Food Prices remained higher than the five-year average due to stifled supply chains due to COVID-19 restrictions and food inflation pressure.



Fall army worm

Almost all provinces experienced Armyworm infestations that devastated field crops in selected districts.

Current Acute Food Insecurity: July - Sept 2022



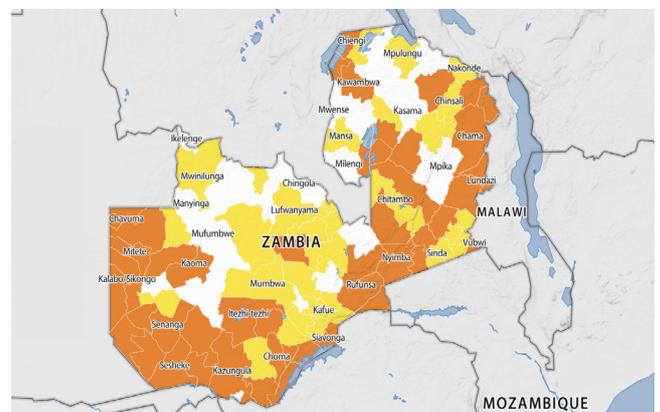
Key for the Map

IPC Acute Food Insecurity Phase Classification

(mapped Phase represents highest severity affecting at least 20% of the population)



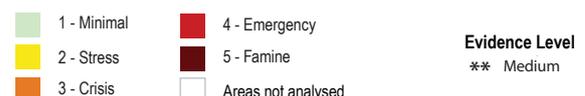
Projected Acute Food Insecurity: Oct 2022 - March 2023



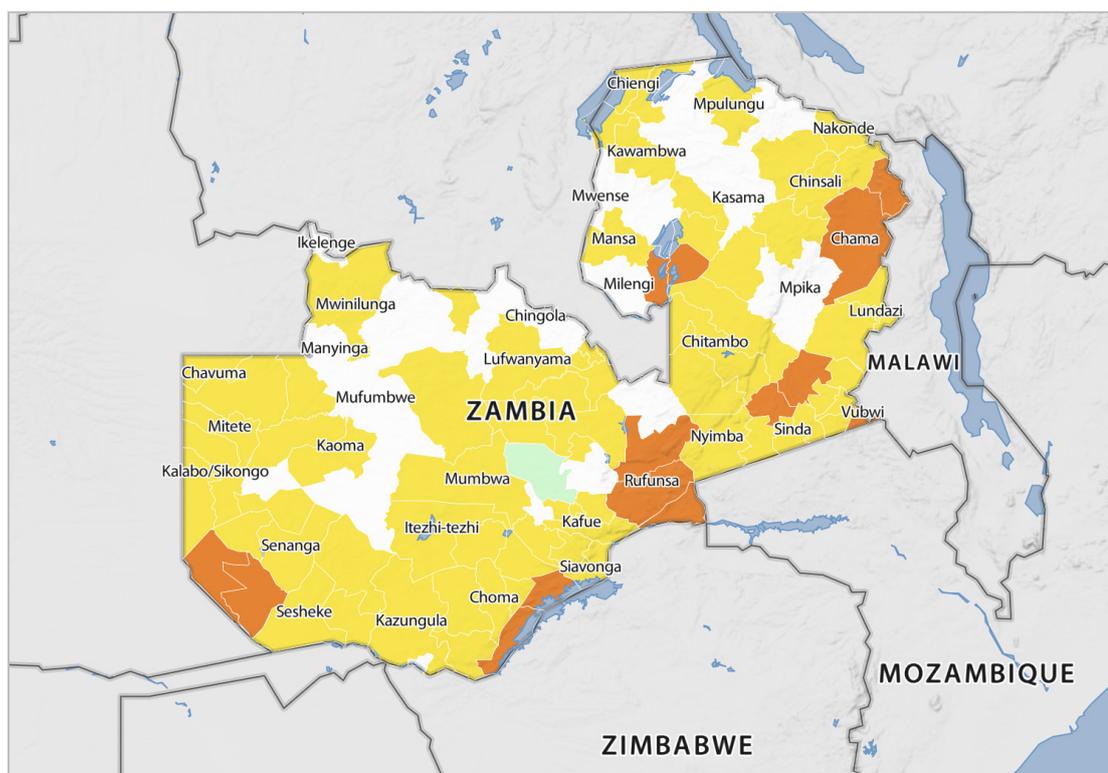
Key for the Map

IPC Acute Food Insecurity Phase Classification

(mapped Phase represents highest severity affecting at least 20% of the population)



CURRENT ACUTE FOOD INSECURITY MAP AND POPULATION TABLE (JULY – SEPTEMBER 2022)



Key for the Map

IPC Acute Food Insecurity Phase Classification

(mapped Phase represents highest severity affecting at least 20% of the population)

- 1 - Minimal
- 2 - Stressed
- 3 - Crisis
- 4 - Emergency
- 5 - Famine
- Areas not analysed

Evidence Level

** Medium

Provincial population table for the current period: July – September 2022

| Province | Rural Population analysed | Phase 1 | | Phase 2 | | Phase 3 | | Phase 4 | | Phase 5 | | Phase 3 + | |
|---------------|---------------------------|------------------|-----------|------------------|-----------|------------------|-----------|----------|----------|----------|----------|------------------|-----------|
| | | #people | % | #people | % | #people | % | #people | % | #people | % | #people | % |
| Central | 1,476,386 | 836,124 | 57 | 551,682 | 37 | 88,580 | 6 | 0 | 0 | 0 | 0 | 88,580 | 6 |
| Copperbelt | 1,276,564 | 659,453 | 52 | 540,859 | 42 | 76,253 | 6 | 0 | 0 | 0 | 0 | 76,253 | 6 |
| Eastern | 2,452,529 | 1,000,384 | 41 | 1,123,696 | 46 | 328,449 | 13 | 0 | 0 | 0 | 0 | 328,449 | 13 |
| Luapula | 921,399 | 347,603 | 38 | 441,689 | 48 | 132,107 | 14 | 0 | 0 | 0 | 0 | 132,107 | 14 |
| Lusaka | 3,167,664 | 1,412,632 | 45 | 1,571,615 | 50 | 183,418 | 6 | 0 | 0 | 0 | 0 | 183,418 | 6 |
| Muchinga | 385,727 | 172,720 | 45 | 171,431 | 44 | 41,576 | 11 | 0 | 0 | 0 | 0 | 41,576 | 11 |
| North-Western | 340,979 | 184,077 | 54 | 124,990 | 37 | 31,912 | 9 | 0 | 0 | 0 | 0 | 31,912 | 9 |
| Northern | 330,558 | 128,290 | 39 | 160,732 | 49 | 41,536 | 13 | 0 | 0 | 0 | 0 | 41,536 | 13 |
| Southern | 2,096,674 | 879,580 | 42 | 944,830 | 45 | 272,264 | 13 | 0 | 0 | 0 | 0 | 272,264 | 13 |
| Western | 1,041,833 | 385,762 | 37 | 500,518 | 48 | 155,554 | 15 | 0 | 0 | 0 | 0 | 155,554 | 15 |
| Total | 13,490,313 | 6,006,624 | 45 | 6,132,042 | 45 | 1,351,647 | 10 | 0 | 0 | 0 | 0 | 1,351,647 | 10 |

Note: A population in Phase 3+ does not necessarily reflect the full population in need of urgent action. This is because some households may be in Phase 2 or even 1 but only because of receipt of assistance, and thus, they may be in need of continued action. Marginal inconsistencies that may arise in the overall percentages of totals and grand totals are attributable to rounding.

IPC ACUTE FOOD INSECURITY CURRENT SITUATION OVERVIEW (JULY – SEPTEMBER 2022)

The analysis of the food security situation in the 91 districts that suffered from shocks indicates that about 1.35 million people, which is about 10 percent of the analysed population, will be in IPC Phase 3 (Crisis) between July and September 2022 and require urgent humanitarian action to reduce food gaps, protect and restore livelihood and prevent acute malnutrition. The shocks that affected these districts include prolonged dry spells, floods, outbreaks of pests and disease, high maize prices and the continued impact of COVID19. Though the price of maize has declined since the start of the 2022/2023 consumption year, they remain above the 5-year average. Results show that out of the 91 districts assessed and analysed, 14 have been classified in IPC Phase 3 (Crisis), 76 are classified in IPC Phase 2 (Stress), while 1 district is in IPC Phase 1 (Minimal).

The 2021/2022 rainfall performance was generally below normal for most parts of the country except for the extreme northern parts of the country that received relatively average to above average rainfall. The areas with significant departures from average are mainly in the Central, Lusaka, Southern and Eastern parts of the country. The lowest seasonal rainfall total (570 mm) was recorded in Gwembe, which lies in the Southern province. Using the Water Requirements Satisfaction Index (WRSI), the water requirement for maize has been satisfied for much of Zambia, with most of the country indicating good to excellent growth conditions except for the Central, Eastern, Lusaka and Southern parts of the country. However, compared to the long-term average (2001-2021) of WRSI values, the end-of-season WRSI anomaly shows below normal conditions, with poor growing conditions mainly over the eastern, central and western parts of the country. Severe drought conditions (negative WRSI anomaly) are primarily located in the areas bordering Zimbabwe, Malawi and Mozambique on the Eastern side of the country.

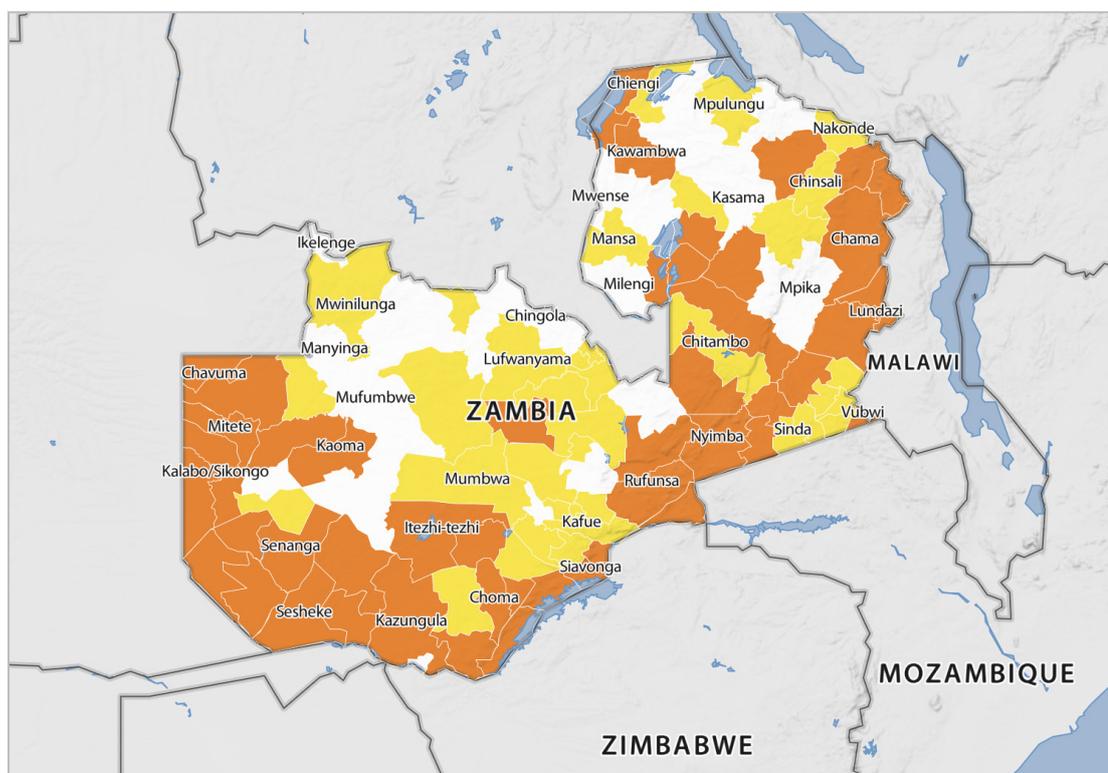
Further, Central, Copperbelt, Lusaka, Luapula, Southern, and parts of Northwestern and Western Provinces experienced flooding. The cumulative rainfall and distribution since the start of the season indicate that the highest amount of rainfall recorded from meteorological stations up to 31st March, 2022 were from Kasempa 1428mm, Mpulungu 1326mm, Kafironda 1321mm, Ndola 1276mm, Kasama 1265mm, Mwinilunga 1262mm, Mpika 1165mm, Mansa met 1156mm, Misamfu 1080mm, Kawambwa 1023mm, Serenje 1068mm, Zambezi 1043mm, Chinsali 1025mm, Msekera 1015mm, Mongu 1018mm, Isoka and Kabompo 981. The rest of the stations recorded rainfall amounts below 900mm.

In terms of production of agricultural commodities, maize production in Zambia for the 2022/2023 consumption decreased from 3,620,244 MT the previous season to 2,706,243 MT, representing a 25 percent decrease in production. Adding the carry-over stock of 1,503,432 MT, the total available maize stock in-country stands at 4,209,675 MT. With the total national maize requirement (human and animal) at 3,004,763 MT there is a maize surplus of 1,204,912 MT. Sorghum production decreased by 19 percent from 18,372 MT the previous season to 14,843 MT in the 2021/2022 agricultural season. Rice production stood at 62,280 MT while the national requirement was at 108,911 MT, leaving a deficit of 45,000MT.

Between the end of the 2021/22 lean season in March and the start of the 2022/2023 consumption season in April, the price of maize grain increased seasonally faster than the previous year. This increase was partially caused by projections for a smaller harvest in 2022, leading to tighter domestic supplies during the 2022–2023 consumption season. Due to localised maize deficits due to decreased production in some districts in Zambia, maize grain prices are anticipated to rise further. However, to guarantee that it has enough supplies for domestic consumption, Zambia won't begin exporting maize from its current harvest until the end of September.

The food security indicators show a fair situation in most districts for the current period compared to the food situation in the previous consumption year. However, it is projected that the situation will deteriorate due to the already high food prices that are being experienced currently and with a possibility of further fuel price increases compounded by the Ukraine-Russia conflict, the situation may further deteriorate.

PROJECTED IPC ACUTE FOOD INSECURITY MAP AND POPULATION TABLE (OCTOBER 2022 – MARCH 2023)



Key for the Map

IPC Acute Food Insecurity Phase Classification
(mapped Phase represents highest severity affecting at least 20% of the population)

- 1 - Minimal
- 2 - Stressed
- 3 - Crisis
- 4 - Emergency
- 5 - Famine
- Areas not analysed

Evidence Level
** Medium

Provincial population table for the projected period: October 2022 – March 2023

| Province | Rural Population analysed | Phase 1 | | Phase 2 | | Phase 3 | | Phase 4 | | Phase 5 | | Phase 3 + | |
|---------------|---------------------------|------------------|-----------|------------------|-----------|------------------|-----------|----------|----------|----------|----------|------------------|-----------|
| | | #people | % | #people | % | #people | % | #people | % | #people | % | #people | % |
| Central | 1,476,386 | 737,746 | 50 | 590,614 | 40 | 148,025 | 10 | 0 | 0 | 0 | 0 | 148,025 | 10 |
| Copperbelt | 1,276,564 | 529,964 | 42 | 639,136 | 50 | 107,464 | 8 | 0 | 0 | 0 | 0 | 107,464 | 8 |
| Eastern | 2,452,529 | 821,749 | 34 | 1,200,209 | 49 | 430,571 | 18 | 0 | 0 | 0 | 0 | 430,571 | 18 |
| Luapula | 921,399 | 291,541 | 32 | 455,323 | 49 | 174,535 | 19 | 0 | 0 | 0 | 0 | 174,535 | 19 |
| Lusaka | 3,167,664 | 1,237,806 | 39 | 1,583,286 | 50 | 346,571 | 11 | 0 | 0 | 0 | 0 | 346,571 | 11 |
| Muchinga | 385,727 | 144,967 | 38 | 180,856 | 47 | 59,904 | 16 | 0 | 0 | 0 | 0 | 59,904 | 16 |
| North-Western | 340,979 | 170,088 | 50 | 121,931 | 36 | 48,961 | 14 | 0 | 0 | 0 | 0 | 48,961 | 14 |
| Northern | 330,558 | 104,704 | 32 | 167,790 | 51 | 58,064 | 18 | 0 | 0 | 0 | 0 | 58,064 | 18 |
| Southern | 2,096,674 | 622,888 | 30 | 1,094,813 | 52 | 378,973 | 18 | 0 | 0 | 0 | 0 | 378,973 | 18 |
| Western | 1,041,833 | 275,727 | 26 | 567,051 | 54 | 199,055 | 19 | 0 | 0 | 0 | 0 | 199,055 | 19 |
| Total | 13,490,313 | 4,937,182 | 37 | 6,601,009 | 49 | 1,952,123 | 14 | 0 | 0 | 0 | 0 | 1,952,123 | 14 |

Note: A population in Phase 3+ does not necessarily reflect the full population in need of urgent action. This is because some households may be in Phase 2 or even 1 but only because of receipt of assistance, and thus, they may be in need of continued action. Marginal inconsistencies that may arise in the overall percentages of totals and grand totals are attributable to rounding.

IPC ACUTE FOOD INSECURITY PROJECTED SITUATION OVERVIEW (OCTOBER 2022 – MARCH 2023)

In the projected period, which represents the lean season in Zambia, between October 2022 and March 2023, the food security situation is expected to deteriorate as more households rely on food markets. It is estimated that about 1.95 million people will be classified in IPC Phase 3 (Crisis) during this period. This represents an increase of 23% compared to the population in IPC Phase 3 in 2021/22, however, this increase does not only represent an increase in food insecurity in the same areas but also an increase in the number of analysed districts compared to last year.

According to the International Research Institute for Climate and Society (IRI), the 2022/2023 rainfall season has been forecasted to be normal in most southern African countries. Hence it is expected that poor households will likely rely more on labour opportunities for food and income between October 2022 and March 2023. Flooding is also expected to occur, especially in flood-prone areas in the north and northeastern parts of the country, affecting most households in those areas. Covid – 19 will continue to pose risks to areas close to main urban areas, and the possibility of the spread of the Monkeypox virus also on the horizon.

The price of agricultural inputs will likely dampen the production capacities of small-scale farmers. The cost of fertilisers and agricultural chemicals in the country have risen by more than 40 percent in the last year and a half and may force small farmers to reduce the amount of land put to the crops requiring such inputs. This price increase has been occasioned by the prevailing economic shocks resulting from global crises, majorly the Ukraine –Russia conflict.

Food prices are expected to stabilise in the short run due to the post-harvest food situation. However, they are not expected to be below the 5-year average. Prices are projected to increase as the lean season in southern Africa sets in. This will be compounded by the effects of inflation which is expected to reduce households' financial access to food. The prices of maize grain declined only moderately with the harvest in May, reflecting a below-average production in 2022 and upward pressure from international prices. These prices are expected to remain stable up to September before beginning to increase in October. One of the major drivers of maize prices in areas bordering Malawi and the Democratic Republic of the Congo (DRC), is the attractive prices being offered in these neighbouring countries compared to Zambia, and this is expected to continue to put pressure on local prices. The price of substitute goods for vegetable oil, such as soya bean and ground nuts, are expected to increase due to global shortages impacted by the Ukraine-Russia conflict.

During this period, food security outcomes are expected to deteriorate as households increase coping strategies as food from production depletes and increases reliance on market purchase and casual labour opportunities. The price of maize, which is expected to remain high, will limit households' access.

Key Assumptions for the projection period

- **Labour Opportunities:** Labour opportunities and wages for poorer households in urban areas will likely be significantly lower than average due to increases in the cost of agricultural inputs. Rural households will have reduced casual labour opportunities due to increases in the price of agricultural inputs, although the seasonal forecast shows an above-normal 2022/2023 rainfall season.
- **Food Availability:** Maize grain supplies are expected to remain normal across markets in both surplus and deficit-producing areas. No expected imports according to the Food Balance Sheet (Stock from the previous year's production, about half of the current season's production).
- **Informal Cross Border Trade:** Informal cross-border inflows are expected to be normal despite COVID-19-related border restrictions.
- **Food prices:** Maize prices are expected to trend at least 10% higher than five-year average prices throughout the projection period.
- **Seasonal Forecast:** The Climate Prediction Centre (CPC) and the International Research Institute for Climate and Society (IRI) forecasts a normal 2022/2023 rainfall season which might result in flooding in southern areas of the country.
- **Labour Migration:** Labour migration to neighbouring districts of Namibia, Malawi as well as Mozambique is expected to be normal during the projected period due to the lack of internal movement restrictions in Zambia.
- **Covid-19 Impact:** Labour opportunities and rates for tourism and related sectors will likely bounce back to normal at the national level as the impact of COVID 19 reduces.
- **Ukraine/Russia War:** At the national level, the U/R conflict will continue to adversely affect the prices of various commodities and services, including agricultural commodities. In the near term, the disruption of the trade from the Black Sea region, which resulted in an increase in fuel price by over 34% between February 2022 and April 2022, will continue to put pressure on fuel prices. However, the Government of Zambia is expected to continue stabilising the fuel price, as was the case in May 2022 when the price of diesel went down.
- **Income:** Expected increased income for farmers that grew soybean, sunflower and groundnuts as substitute goods for vegetable oil. Income from the sale of maize is expected to be higher than average for maize farmers.



Impact of the war in Ukraine in Zambia

At the national level, Zambia will continue to be adversely affected by the Ukraine–Russia war. The prices of various commodities and services, including agricultural commodities, will be negatively affected. In the near term, the disruption of trade from the Black Sea region, which resulted in an increase in fuel price by over 34% between February 2022 and April 2022, will continue to put pressure on fuel prices. However, the Government of Zambia is expected to continue to adopt measures to stabilise the price of fuel as was the case in May 2022 when the price of diesel went down. The conflict is likely to impact the imports of key commodities, mainly wheat sourced from Russia and agricultural inputs. For the 2022/2023 consumption year, there is a wheat deficit of about 95000MT, which will need to be imported from elsewhere. This is not expected to be imported from South Africa as it also imports about half of its annual wheat needs. As wheat is a winter crop, and the region's winter crop season started at the end of April 2022, expectations are that South Africa, the major regional supplier, will increase its hectareage to offset any expected imports from Russia and Ukraine. Global cereal supplies are expected to decline in 2022 (FAO (2022)), with expected massive declines as a direct result of the Ukraine-Russia conflict. Global Cereal Price Index went down by 4.1% in June from May, but 27.6% above June 2021 levels, and global wheat prices were down 5.7% in June but 48.5% above June 2021.

Consequently, the supply chain for commodities will be affected. The price of substitute goods such as soya beans and ground nuts for vegetable oil is expected to increase due to global shortages impacted by the war.



RECOMMENDATIONS FOR ACTION

Response Priorities

The following response priorities are proposed for the current period:

- Urgent action is required to save lives, reduce food consumption gaps and protect livelihoods for populations in districts categorised as being in Crisis (IPC Phase 3) by improving access to food through appropriate modalities for a household in deficit areas.
- Income and Expenditure: Interventions that strengthen households' economy and resilience are recommended to ensure households remain food and nutrition secure.
- Nutrition Security: Ensure the nutrition situation is monitored and a follow-up SMART survey is conducted for districts exhibiting a high risk of malnutrition.
- Livelihood resilience: Rural livelihoods are under a lot of pressure due to the consecutive poor rainfall seasons and high prices of inputs, forcing households to engage in negative coping strategies. Emphasis should be placed on rebuilding rural livelihoods through income diversification, strengthening household economy, and building productive community assets.

Situation Monitoring and Update of Activities

The key factors to monitor include:

- Prices for staple commodities
- Informal cross border food trade
- The headline and Food Inflation
- Rainfall pattern for next season
- Impact of the Ukraine –Russia war on the supply chain

PROCESS, METHODOLOGY AND LIMITATIONS

Process and Methodology

The Zambia Vulnerability Committee (ZVAC) carries out annual assessments informed by shocks occurrence within the country.

In June 2022, data collection was carried out in districts that experienced shocks during the 2021/2022 Agriculture Season, resulting in 91 districts being analysed. Overall data analysis was done using the IPC Technical Manual Version 3.1 The IPC AFI Analysis workshop was a hybrid including both virtual and face to face analysis.

Analysts were given specific districts to analyse and the IPC GSU provided technical support in person.

Sources of Data

The main source of data was from the 2022 ZVAC Assessment which provided outcome as well as contributing factor evidence. Other sources of data included the Ministry of Agriculture's Crop Forecast Survey for production, Meteorology department with climate data, the National Statistic Office and WFP for price data, relief data from DMMU and Food Security reports from other institutions.

Limitations of the Analysis

Data collected for the Anthropometric measurements could not be used due to quality and minimum sample size. The Food Consumption Score (FCS) had challenges due to enumeration errors. There was a desire to Assess the entire country but faced limitations in funding.

What is the IPC and IPC Acute Food Insecurity?

The IPC is a set of tools and procedures to classify the severity and characteristics of acute food and nutrition crises as well as chronic food insecurity based on international standards. The IPC consists of four mutually reinforcing functions, each with a set of specific protocols (tools and procedures). The core IPC parameters include consensus building, convergence of evidence, accountability, transparency and comparability. The IPC analysis aims at informing emergency response as well as medium and long-term food security policy and programming.

For the IPC, Acute Food Insecurity is defined as any manifestation of food insecurity found in a specified area at a specific point in time of a severity that threatens lives or livelihoods, or both, regardless of the causes, context or duration. It is highly susceptible to change and can occur and manifest in a population within a short amount of time, as a result of sudden changes or shocks that negatively impact on the determinants of food insecurity.

Contact for further Information

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This analysis has been conducted under the patronage of the Disaster Management and Mitigation Unit under the Office of the Vice President. It has benefited from the technical and financial support of SADC and the IPC GSU

Classification of food insecurity and malnutrition was conducted using the IPC protocols, which are developed and implemented worldwide by the IPC Global Partnership - Action Against Hunger, CARE, CILSS, EC-JRC, FAO, FEWSNET, Global Food Security Cluster, Global Nutrition Cluster, IGAD, Oxfam, PROGRESAN-SICA, SADC, Save the Children, UNICEF and WFP.

IPC Analysis Partners:



Food and Agriculture
Organization of the
United Nations



Save the Children



World Food
Programme

World Vision

ANNEX I: Population Table for the Current Period: July - September 2022

| Province | District | Total population analysed | Phase 1 | | Phase 2 | | Phase 3 | | Phase 4 | | Phase 5 | | Area Phase | Phase 3+ | |
|--------------|------------------|---------------------------|------------------|------------------|------------------|----------------|----------------|-----------|----------|----------|----------|----------|----------------|----------------|-----------|
| | | | #people | % | #people | % | #people | % | #people | % | #people | % | | #people | % |
| Central | Chibombo | 288,458 | 245,189 | 85 | 43,269 | 15 | - | 0 | 0 | 0 | 0 | 0 | 1 | - | 0 |
| | Chitambo | 70,633 | 28,253 | 40 | 35,317 | 50 | 7,063 | 10 | 0 | 0 | 0 | 0 | 2 | 7,063 | 10 |
| | Kabwe | 292,520 | 146,260 | 50 | 131,634 | 45 | 14,626 | 5 | 0 | 0 | 0 | 0 | 2 | 14,626 | 5 |
| | Kapiri mposhi | 336,181 | 168,091 | 50 | 151,281 | 45 | 16,809 | 5 | 0 | 0 | 0 | 0 | 2 | 16,809 | 5 |
| | Luano | 36,936 | 11,081 | 30 | 18,468 | 50 | 7,387 | 20 | 0 | 0 | 0 | 0 | 3 | 7,387 | 20 |
| | Mumbwa | 250,544 | 175,381 | 70 | 62,636 | 25 | 12,527 | 5 | 0 | 0 | 0 | 0 | 2 | 12,527 | 5 |
| | Ngabwe | 30,704 | 10,746 | 35 | 15,352 | 50 | 4,606 | 15 | 0 | 0 | 0 | 0 | 2 | 4,606 | 15 |
| | Serenje | 170,410 | 51,123 | 30 | 93,726 | 55 | 25,562 | 15 | 0 | 0 | 0 | 0 | 2 | 25,562 | 15 |
| | Total | 1,476,386 | 836,124 | 57 | 551,682 | 37 | 88,580 | 6 | 0 | 0 | 0 | 0 | | 88,580 | 6 |
| Copperbelt | Luanshya | 225,604 | 90,242 | 40 | 124,082 | 55 | 11,280 | 5 | 0 | 0 | 0 | 0 | 2 | 11,280 | 5 |
| | Lufwanyama | 113,489 | 39,721 | 35 | 62,419 | 55 | 11,349 | 10 | 0 | 0 | 0 | 0 | 2 | 11,349 | 10 |
| | Masaiti | 150,145 | 97,594 | 65 | 45,044 | 30 | 7,507 | 5 | 0 | 0 | 0 | 0 | 2 | 7,507 | 5 |
| | Mpongwe | 134,999 | 40,500 | 30 | 80,999 | 60 | 13,500 | 10 | 0 | 0 | 0 | 0 | 2 | 13,500 | 10 |
| | Ndola | 652,327 | 391,396 | 60 | 228,314 | 35 | 32,616 | 5 | 0 | 0 | 0 | 0 | 2 | 32,616 | 5 |
| | Total | 1,276,564 | 659,453 | 52 | 540,859 | 42 | 76,253 | 6 | 0 | 0 | 0 | 0 | | 76,253 | 6 |
| Eastern | Chadiza | 90,701 | 45,351 | 50 | 36,280 | 40 | 9,070 | 10 | 0 | 0 | 0 | 0 | 2 | 9,070 | 10 |
| | Chama | 150,185 | 45,056 | 30 | 75,093 | 50 | 30,037 | 20 | 0 | 0 | 0 | 0 | 3 | 30,037 | 20 |
| | Chasefu | 144,307 | 72,154 | 50 | 50,507 | 35 | 21,646 | 15 | 0 | 0 | 0 | 0 | 2 | 21,646 | 15 |
| | Chipangali | 177,696 | 62,194 | 35 | 97,733 | 55 | 17,770 | 10 | 0 | 0 | 0 | 0 | 2 | 17,770 | 10 |
| | Chipata | 339,354 | 118,774 | 35 | 186,645 | 55 | 33,935 | 10 | 0 | 0 | 0 | 0 | 2 | 33,935 | 10 |
| | Kasenengwa | 141,833 | 49,642 | 35 | 78,008 | 55 | 14,183 | 10 | 0 | 0 | 0 | 0 | 2 | 14,183 | 10 |
| | Katete | 232,720 | 139,632 | 60 | 69,816 | 30 | 23,272 | 10 | 0 | 0 | 0 | 0 | 2 | 23,272 | 10 |
| | Lumezi | 135,475 | 67,738 | 50 | 47,416 | 35 | 20,321 | 15 | 0 | 0 | 0 | 0 | 2 | 20,321 | 15 |
| | Lundazi | 188,390 | 103,615 | 55 | 56,517 | 30 | 28,259 | 15 | 0 | 0 | 0 | 0 | 2 | 28,259 | 15 |
| | Lusangazi | 95,818 | 28,745 | 30 | 47,909 | 50 | 19,164 | 20 | 0 | 0 | 0 | 0 | 3 | 19,164 | 20 |
| | Mambwe | 99,631 | 39,852 | 40 | 39,852 | 40 | 19,926 | 20 | 0 | 0 | 0 | 0 | 3 | 19,926 | 20 |
| | Nyimba | 122,913 | 49,165 | 40 | 55,311 | 45 | 18,437 | 15 | 0 | 0 | 0 | 0 | 2 | 18,437 | 15 |
| | Petauke | 252,651 | 75,795 | 30 | 138,958 | 55 | 37,898 | 15 | 0 | 0 | 0 | 0 | 2 | 37,898 | 15 |
| | Sinda | 216,399 | 86,560 | 40 | 108,200 | 50 | 21,640 | 10 | 0 | 0 | 0 | 0 | 2 | 21,640 | 10 |
| Vubwi | 64,456 | 16,114 | 25 | 35,451 | 55 | 12,891 | 20 | 0 | 0 | 0 | 0 | 3 | 12,891 | 20 | |
| Total | 2,452,529 | 1,000,384 | 41 | 1,123,696 | 46 | 328,449 | 13 | 0 | 0 | 0 | 0 | | 328,449 | 13 | |
| Luapula | Chiengi | 165,126 | 66,050 | 40 | 74,307 | 45 | 24,769 | 15 | 0 | 0 | 0 | 0 | 2 | 24,769 | 15 |
| | Kawambwa | 128,833 | 45,092 | 35 | 64,417 | 50 | 19,325 | 15 | 0 | 0 | 0 | 0 | 2 | 19,325 | 15 |
| | Lunga | 34,700 | 10,410 | 30 | 17,350 | 50 | 6,940 | 20 | 0 | 0 | 0 | 0 | 3 | 6,940 | 20 |
| | Mansa | 264,295 | 105,718 | 40 | 132,148 | 50 | 26,430 | 10 | 0 | 0 | 0 | 0 | 2 | 26,430 | 10 |
| | Nchelenge | 220,907 | 77,317 | 35 | 110,454 | 50 | 33,136 | 15 | 0 | 0 | 0 | 0 | 2 | 33,136 | 15 |
| | Samfya | 107,538 | 43,015 | 40 | 43,015 | 40 | 21,508 | 20 | 0 | 0 | 0 | 0 | 3 | 21,508 | 20 |
| | Total | 921,399 | 347,603 | 38 | 441,689 | 48 | 132,107 | 14 | 0 | 0 | 0 | 0 | | 132,107 | 14 |
| Lusaka | Chilanga | 154,765 | 69,644 | 45 | 77,383 | 50 | 7,738 | 5 | 0 | 0 | 0 | 0 | 2 | 7,738 | 5 |
| | Chongwe | 204,279 | 91,926 | 45 | 102,140 | 50 | 10,214 | 5 | 0 | 0 | 0 | 0 | 2 | 10,214 | 5 |
| | Kafue | 174,080 | 78,336 | 45 | 78,336 | 45 | 17,408 | 10 | 0 | 0 | 0 | 0 | 2 | 17,408 | 10 |
| | Luangwa | 35,134 | 14,054 | 40 | 14,054 | 40 | 7,027 | 20 | 0 | 0 | 0 | 0 | 3 | 7,027 | 20 |
| | Lusaka | 2,525,670 | 1,136,552 | 45 | 1,262,835 | 50 | 126,284 | 5 | 0 | 0 | 0 | 0 | 2 | 126,284 | 5 |
| | Rufunsa | 73,736 | 22,121 | 30 | 36,868 | 50 | 14,747 | 20 | 0 | 0 | 0 | 0 | 3 | 14,747 | 20 |
| | Total | 3,167,664 | 1,412,632 | 45 | 1,571,615 | 50 | 183,418 | 6 | 0 | 0 | 0 | 0 | | 183,418 | 6 |



ANNEX I: Population Table for the Current Period: July - September 2022 (continued)

| Province | District | Total population analysed | Phase 1 | | Phase 2 | | Phase 3 | | Phase 4 | | Phase 5 | | Area Phase | Phase 3+ | |
|---------------|------------------|---------------------------|----------------|----------------|----------------|----------------|---------------|-----------|----------|----------|----------|----------|----------------|---------------|-----------|
| | | | #people | % | #people | % | #people | % | #people | % | #people | % | | #people | % |
| Muchiga | Chinsali | 63,082 | 37,849 | 60 | 22,079 | 35 | 3,154 | 5 | 0 | 0 | 0 | 0 | 2 | 3,154 | 5 |
| | Isoka | 53,098 | 15,929 | 30 | 29,204 | 55 | 7,965 | 15 | 0 | 0 | 0 | 0 | 2 | 7,965 | 15 |
| | Kanchibiya | 59,921 | 20,972 | 35 | 29,961 | 50 | 8,988 | 15 | 0 | 0 | 0 | 0 | 2 | 8,988 | 15 |
| | Lavushimanda | 29,701 | 13,365 | 45 | 13,365 | 45 | 2,970 | 10 | 0 | 0 | 0 | 0 | 2 | 2,970 | 10 |
| | Mafinga | 48,863 | 14,659 | 30 | 24,432 | 50 | 9,773 | 20 | 0 | 0 | 0 | 0 | 3 | 9,773 | 20 |
| | Nakonde | 87,598 | 52,559 | 60 | 30,659 | 35 | 4,380 | 5 | 0 | 0 | 0 | 0 | 2 | 4,380 | 5 |
| | Shiwangandu | 43,464 | 17,386 | 40 | 21,732 | 50 | 4,346 | 10 | 0 | 0 | 0 | 0 | 2 | 4,346 | 10 |
| | Total | 385,727 | 172,720 | 45 | 171,431 | 44 | 41,576 | 11 | 0 | 0 | 0 | 0 | | 41,576 | 11 |
| North-Western | Chavuma | 25,974 | 7,792 | 30 | 14,286 | 55 | 3,896 | 15 | 0 | 0 | 0 | 0 | 2 | 3,896 | 15 |
| | Kabompo | 32,516 | 24,387 | 75 | 6,503 | 20 | 1,626 | 5 | 0 | 0 | 0 | 0 | 2 | 1,626 | 5 |
| | Kasempa | 50,760 | 30,456 | 60 | 15,228 | 30 | 5,076 | 10 | 0 | 0 | 0 | 0 | 2 | 5,076 | 10 |
| | Mwinilunga | 76,390 | 38,195 | 50 | 30,556 | 40 | 7,639 | 10 | 0 | 0 | 0 | 0 | 2 | 7,639 | 10 |
| | Solwezi | 96,261 | 62,570 | 65 | 28,878 | 30 | 4,813 | 5 | 0 | 0 | 0 | 0 | 2 | 4,813 | 5 |
| | Zambezi | 59,078 | 20,677 | 35 | 29,539 | 50 | 8,862 | 15 | 0 | 0 | 0 | 0 | 2 | 8,862 | 15 |
| | Total | 340,979 | 184,077 | 54 | 124,990 | 37 | 31,912 | 9 | 0 | 0 | 0 | 0 | | 31,912 | 9 |
| Northern | Chilubi | 59,695 | 23,878 | 40 | 26,863 | 45 | 8,954 | 15 | 0 | 0 | 0 | 0 | 2 | 8,954 | 15 |
| | Kaputa | 51,365 | 25,683 | 50 | 20,546 | 40 | 5,137 | 10 | 0 | 0 | 0 | 0 | 2 | 5,137 | 10 |
| | Luwingu | 38,424 | 17,291 | 45 | 17,291 | 45 | 3,842 | 10 | 0 | 0 | 0 | 0 | 2 | 3,842 | 10 |
| | Mpulungu | 71,165 | 28,466 | 40 | 35,583 | 50 | 7,117 | 10 | 0 | 0 | 0 | 0 | 2 | 7,117 | 10 |
| | Mungwi | 109,909 | 32,973 | 30 | 60,450 | 55 | 16,486 | 15 | 0 | 0 | 0 | 0 | 2 | 16,486 | 15 |
| | Total | 330,558 | 128,290 | 39 | 160,732 | 49 | 41,536 | 13 | 0 | 0 | 0 | 0 | | 41,536 | 13 |
| Southern | Chikankanta | 86,606 | 43,303 | 50 | 34,642 | 40 | 8,661 | 10 | 0 | 0 | 0 | 0 | 2 | 8,661 | 10 |
| | Chirundu | 68,438 | 37,641 | 55 | 20,531 | 30 | 10,266 | 15 | 0 | 0 | 0 | 0 | 2 | 10,266 | 15 |
| | Choma | 261,172 | 91,410 | 35 | 143,645 | 55 | 26,117 | 10 | 0 | 0 | 0 | 0 | 2 | 26,117 | 10 |
| | Gwembe | 76,783 | 34,552 | 45 | 23,035 | 30 | 19,196 | 25 | 0 | 0 | 0 | 0 | 3 | 19,196 | 25 |
| | Itezhi-tezhi | 99,169 | 44,626 | 45 | 39,668 | 40 | 14,875 | 15 | 0 | 0 | 0 | 0 | 2 | 14,875 | 15 |
| | Kalomo | 272,762 | 81,829 | 30 | 163,657 | 60 | 27,276 | 10 | 0 | 0 | 0 | 0 | 2 | 27,276 | 10 |
| | Kazungula | 151,403 | 60,561 | 40 | 68,131 | 45 | 22,710 | 15 | 0 | 0 | 0 | 0 | 2 | 22,710 | 15 |
| | Mazabuka | 247,297 | 123,649 | 50 | 98,919 | 40 | 24,730 | 10 | 0 | 0 | 0 | 0 | 2 | 24,730 | 10 |
| | Monze | 277,363 | 124,813 | 45 | 124,813 | 45 | 27,736 | 10 | 0 | 0 | 0 | 0 | 2 | 27,736 | 10 |
| | Namwala | 148,696 | 44,609 | 30 | 81,783 | 55 | 22,304 | 15 | 0 | 0 | 0 | 0 | 2 | 22,304 | 15 |
| | Pemba | 97,117 | 48,559 | 50 | 33,991 | 35 | 14,568 | 15 | 0 | 0 | 0 | 0 | 2 | 14,568 | 15 |
| | Siavonga | 61,974 | 40,283 | 65 | 12,395 | 20 | 9,296 | 15 | 0 | 0 | 0 | 0 | 2 | 9,296 | 15 |
| | Sinazongwe | 146,887 | 73,444 | 50 | 44,066 | 30 | 29,377 | 20 | 0 | 0 | 0 | 0 | 3 | 29,377 | 20 |
| | Zimba | 101,007 | 30,302 | 30 | 55,554 | 55 | 15,151 | 15 | 0 | 0 | 0 | 0 | 2 | 15,151 | 15 |
| Total | 2,096,674 | 879,580 | 42 | 944,830 | 45 | 272,264 | 13 | 0 | 0 | 0 | 0 | | 272,264 | 13 | |



ANNEX I: Population Table for the Current Period: July - September 2022 (continued)

| | | | | | | | | | | | | | | | |
|---------|--------------------|-------------------|------------------|-----------|------------------|-----------|------------------|-----------|----------|----------|----------|----------|---|------------------|-----------|
| Western | Kalabo/Sikongo | 120,603 | 42,211 | 35 | 60,302 | 50 | 18,090 | 15 | 0 | 0 | 0 | 0 | 2 | 18,090 | 15 |
| | Kaoma | 149,292 | 52,252 | 35 | 82,111 | 55 | 14,929 | 10 | 0 | 0 | 0 | 0 | 2 | 14,929 | 10 |
| | Lukulu | 84,610 | 38,075 | 45 | 33,844 | 40 | 12,692 | 15 | 0 | 0 | 0 | 0 | 2 | 12,692 | 15 |
| | Mitete | 39,703 | 15,881 | 40 | 17,866 | 45 | 5,955 | 15 | 0 | 0 | 0 | 0 | 2 | 5,955 | 15 |
| | Mongu | 186,236 | 102,430 | 55 | 55,871 | 30 | 27,935 | 15 | 0 | 0 | 0 | 0 | 2 | 27,935 | 15 |
| | Mulobezi | 44,063 | 8,813 | 20 | 28,641 | 65 | 6,609 | 15 | 0 | 0 | 0 | 0 | 2 | 6,609 | 15 |
| | Mwandi | 36,218 | 7,244 | 20 | 23,542 | 65 | 5,433 | 15 | 0 | 0 | 0 | 0 | 2 | 5,433 | 15 |
| | Nalolo | 80,321 | 24,096 | 30 | 44,177 | 55 | 12,048 | 15 | 0 | 0 | 0 | 0 | 2 | 12,048 | 15 |
| | Senanga | 102,534 | 35,887 | 35 | 51,267 | 50 | 15,380 | 15 | 0 | 0 | 0 | 0 | 2 | 15,380 | 15 |
| | Sesheke | 63,388 | 19,016 | 30 | 34,863 | 55 | 9,508 | 15 | 0 | 0 | 0 | 0 | 2 | 9,508 | 15 |
| | Shangombo | 73,455 | 18,364 | 25 | 40,400 | 55 | 14,691 | 20 | 0 | 0 | 0 | 0 | 3 | 14,691 | 20 |
| | Sioma | 61,410 | 21,494 | 35 | 27,635 | 45 | 12,282 | 20 | 0 | 0 | 0 | 0 | 3 | 12,282 | 20 |
| | Total | 1,041,833 | 385,762 | 37 | 500,518 | 48 | 155,554 | 15 | 0 | 0 | 0 | 0 | | 155,554 | 15 |
| | Grand Total | 13,490,313 | 6,006,624 | 45 | 6,132,042 | 45 | 1,351,647 | 10 | 0 | 0 | 0 | 0 | | 1,351,647 | 10 |



ANNEX II: Population Table for the Projected Period: Oct 2022 - March 2023

| Province | District | Total population analysed | Phase 1 | | Phase 2 | | Phase 3 | | Phase 4 | | Phase 5 | | Area Phase | Phase 3+ | |
|--------------|------------------|---------------------------|------------------|------------------|------------------|----------------|----------------|-----------|----------|----------|----------|----------|----------------|----------------|-----------|
| | | | #people | % | #people | % | #people | % | #people | % | #people | % | | #people | % |
| Central | Chibombo | 288,458 | 216,344 | 75 | 57,692 | 20 | 14,423 | 5 | 0 | 0 | 0 | 0 | 2 | 14,423 | 5 |
| | Chitambo | 70,633 | 24,722 | 35 | 35,317 | 50 | 10,595 | 15 | 0 | 0 | 0 | 0 | 2 | 10,595 | 15 |
| | Kabwe | 292,520 | 131,634 | 45 | 131,634 | 45 | 29,252 | 10 | 0 | 0 | 0 | 0 | 2 | 29,252 | 10 |
| | Kapiri mposhi | 336,181 | 134,472 | 40 | 168,091 | 50 | 33,618 | 10 | 0 | 0 | 0 | 0 | 2 | 33,618 | 10 |
| | Luano | 36,936 | 7,387 | 20 | 22,162 | 60 | 7,387 | 20 | 0 | 0 | 0 | 0 | 3 | 7,387 | 20 |
| | Mumbwa | 250,544 | 162,854 | 65 | 75,163 | 30 | 12,527 | 5 | 0 | 0 | 0 | 0 | 2 | 12,527 | 5 |
| | Ngabwe | 30,704 | 9,211 | 30 | 15,352 | 50 | 6,141 | 20 | 0 | 0 | 0 | 0 | 3 | 6,141 | 20 |
| | Serenje | 170,410 | 51,123 | 30 | 85,205 | 50 | 34,082 | 20 | 0 | 0 | 0 | 0 | 3 | 34,082 | 20 |
| | Total | 1,476,386 | 737,746 | 50 | 590,614 | 40 | 148,025 | 10 | 0 | 0 | 0 | 0 | | 148,025 | 10 |
| Copperbelt | Luanshya | 225,604 | 67,681 | 30 | 135,362 | 60 | 22,560 | 10 | 0 | 0 | 0 | 0 | 2 | 22,560 | 10 |
| | Lufwanyama | 113,489 | 34,047 | 30 | 62,419 | 55 | 17,023 | 15 | 0 | 0 | 0 | 0 | 2 | 17,023 | 15 |
| | Masaiti | 150,145 | 75,073 | 50 | 60,058 | 40 | 15,015 | 10 | 0 | 0 | 0 | 0 | 2 | 15,015 | 10 |
| | Mpongwe | 134,999 | 27,000 | 20 | 87,749 | 65 | 20,250 | 15 | 0 | 0 | 0 | 0 | 2 | 20,250 | 15 |
| | Ndola | 652,327 | 326,164 | 50 | 293,547 | 45 | 32,616 | 5 | 0 | 0 | 0 | 0 | 2 | 32,616 | 5 |
| | Total | 1,276,564 | 529,964 | 42 | 639,136 | 50 | 107,464 | 8 | 0 | 0 | 0 | 0 | | 107,464 | 8 |
| Eastern | Chadiza | 90,701 | 36,280 | 40 | 40,815 | 45 | 13,605 | 15 | 0 | 0 | 0 | 0 | 2 | 13,605 | 15 |
| | Chama | 150,185 | 22,528 | 15 | 97,620 | 65 | 30,037 | 20 | 0 | 0 | 0 | 0 | 3 | 30,037 | 20 |
| | Chasefu | 144,307 | 57,723 | 40 | 57,723 | 40 | 28,861 | 20 | 0 | 0 | 0 | 0 | 3 | 28,861 | 20 |
| | Chipangali | 177,696 | 53,309 | 30 | 97,733 | 55 | 26,654 | 15 | 0 | 0 | 0 | 0 | 2 | 26,654 | 15 |
| | Chipata | 339,354 | 101,806 | 30 | 186,645 | 55 | 50,903 | 15 | 0 | 0 | 0 | 0 | 2 | 50,903 | 15 |
| | Kasenengwa | 141,833 | 42,550 | 30 | 78,008 | 55 | 21,275 | 15 | 0 | 0 | 0 | 0 | 2 | 21,275 | 15 |
| | Katete | 232,720 | 93,088 | 40 | 104,724 | 45 | 34,908 | 15 | 0 | 0 | 0 | 0 | 2 | 34,908 | 15 |
| | Lumezi | 135,475 | 54,190 | 40 | 54,190 | 40 | 27,095 | 20 | 0 | 0 | 0 | 0 | 3 | 27,095 | 20 |
| | Lundazi | 188,390 | 94,195 | 50 | 56,517 | 30 | 37,678 | 20 | 0 | 0 | 0 | 0 | 3 | 37,678 | 20 |
| | Lusangazi | 95,818 | 28,745 | 30 | 47,909 | 50 | 19,164 | 20 | 0 | 0 | 0 | 0 | 3 | 19,164 | 20 |
| | Mambwe | 99,631 | 29,889 | 30 | 49,816 | 50 | 19,926 | 20 | 0 | 0 | 0 | 0 | 3 | 19,926 | 20 |
| | Nyimba | 122,913 | 43,020 | 35 | 55,311 | 45 | 24,583 | 20 | 0 | 0 | 0 | 0 | 3 | 24,583 | 20 |
| | Petauke | 252,651 | 75,795 | 30 | 126,326 | 50 | 50,530 | 20 | 0 | 0 | 0 | 0 | 3 | 50,530 | 20 |
| | Sinda | 216,399 | 75,740 | 35 | 108,200 | 50 | 32,460 | 15 | 0 | 0 | 0 | 0 | 2 | 32,460 | 15 |
| | Vubwi | 64,456 | 12,891 | 20 | 38,674 | 60 | 12,891 | 20 | 0 | 0 | 0 | 0 | 3 | 12,891 | 20 |
| Total | 2,452,529 | 821,749 | 34 | 1,200,209 | 49 | 430,571 | 18 | 0 | 0 | 0 | 0 | | 430,571 | 18 | |
| Luapula | Chiengi | 165,126 | 49,538 | 30 | 82,563 | 50 | 33,025 | 20 | 0 | 0 | 0 | 0 | 3 | 33,025 | 20 |
| | Kawambwa | 128,833 | 38,650 | 30 | 64,417 | 50 | 25,767 | 20 | 0 | 0 | 0 | 0 | 3 | 25,767 | 20 |
| | Lunga | 34,700 | 6,940 | 20 | 17,350 | 50 | 10,410 | 30 | 0 | 0 | 0 | 0 | 3 | 10,410 | 30 |
| | Mansa | 264,295 | 92,503 | 35 | 132,148 | 50 | 39,644 | 15 | 0 | 0 | 0 | 0 | 2 | 39,644 | 15 |
| | Nchelenge | 220,907 | 66,272 | 30 | 110,454 | 50 | 44,181 | 20 | 0 | 0 | 0 | 0 | 3 | 44,181 | 20 |
| | Samfya | 107,538 | 37,638 | 35 | 48,392 | 45 | 21,508 | 20 | 0 | 0 | 0 | 0 | 3 | 21,508 | 20 |
| | Total | 921,399 | 291,541 | 32 | 455,323 | 49 | 174,535 | 19 | 0 | 0 | 0 | 0 | | 174,535 | 19 |
| Lusaka | Chilanga | 154,765 | 54,168 | 35 | 85,121 | 55 | 15,477 | 10 | 0 | 0 | 0 | 0 | 2 | 15,477 | 10 |
| | Chongwe | 204,279 | 81,712 | 40 | 91,926 | 45 | 30,642 | 15 | 0 | 0 | 0 | 0 | 2 | 30,642 | 15 |
| | Kafue | 174,080 | 60,928 | 35 | 87,040 | 50 | 26,112 | 15 | 0 | 0 | 0 | 0 | 2 | 26,112 | 15 |
| | Luangwa | 35,134 | 12,297 | 35 | 15,810 | 45 | 7,027 | 20 | 0 | 0 | 0 | 0 | 3 | 7,027 | 20 |
| | Lusaka | 2,525,670 | 1,010,268 | 40 | 1,262,835 | 50 | 252,567 | 10 | 0 | 0 | 0 | 0 | 2 | 252,567 | 10 |
| | Rufunsa | 73,736 | 18,434 | 25 | 40,555 | 55 | 14,747 | 20 | 0 | 0 | 0 | 0 | 3 | 14,747 | 20 |
| | Total | 3,167,664 | 1,237,806 | 39 | 1,583,286 | 50 | 346,571 | 11 | 0 | 0 | 0 | 0 | | 346,571 | 11 |



ANNEX II: Population Table for the Projected Period: Oct 2022 - March 2023 (continued)

| Province | District | Total population analysed | Phase 1 | | Phase 2 | | Phase 3 | | Phase 4 | | Phase 5 | | Area Phase | Phase 3+ | |
|---------------|--------------|---------------------------|----------------|----------------|------------------|----------------|----------------|---------------|-----------|----------|----------|----------|------------|----------------|---------------|
| | | | #people | % | #people | % | #people | % | #people | % | #people | % | | #people | % |
| Muchiga | Chinsali | 63,082 | 31,541 | 50 | 25,233 | 40 | 6,308 | 10 | 0 | 0 | 0 | 0 | 2 | 6,308 | 10 |
| | Isoka | 53,098 | 13,275 | 25 | 29,204 | 55 | 10,620 | 20 | 0 | 0 | 0 | 0 | 3 | 10,620 | 20 |
| | Kanchibiya | 59,921 | 20,972 | 35 | 26,964 | 45 | 11,984 | 20 | 0 | 0 | 0 | 0 | 3 | 11,984 | 20 |
| | Lavushimanda | 29,701 | 10,395 | 35 | 13,365 | 45 | 5,940 | 20 | 0 | 0 | 0 | 0 | 3 | 5,940 | 20 |
| | Mafinga | 48,863 | 9,773 | 20 | 29,318 | 60 | 9,773 | 20 | 0 | 0 | 0 | 0 | 3 | 9,773 | 20 |
| | Nakonde | 87,598 | 43,799 | 50 | 35,039 | 40 | 8,760 | 10 | 0 | 0 | 0 | 0 | 2 | 8,760 | 10 |
| | Shiwangandu | 43,464 | 15,212 | 35 | 21,732 | 50 | 6,520 | 15 | 0 | 0 | 0 | 0 | 2 | 6,520 | 15 |
| | Total | | 385,727 | 144,967 | 38 | 180,856 | 47 | 59,904 | 16 | 0 | 0 | 0 | 0 | | 59,904 |
| North-Western | Chavuma | 25,974 | 6,494 | 25 | 14,286 | 55 | 5,195 | 20 | 0 | 0 | 0 | 0 | 3 | 5,195 | 20 |
| | Kabompo | 32,516 | 21,135 | 65 | 8,129 | 25 | 3,252 | 10 | 0 | 0 | 0 | 0 | 2 | 3,252 | 10 |
| | Kasempa | 50,760 | 27,918 | 55 | 15,228 | 30 | 7,614 | 15 | 0 | 0 | 0 | 0 | 2 | 7,614 | 15 |
| | Mwinilunga | 76,390 | 42,015 | 55 | 22,917 | 30 | 11,459 | 15 | 0 | 0 | 0 | 0 | 2 | 11,459 | 15 |
| | Solwezi | 96,261 | 57,757 | 60 | 28,878 | 30 | 9,626 | 10 | 0 | 0 | 0 | 0 | 2 | 9,626 | 10 |
| | Zambezi | 59,078 | 14,770 | 25 | 32,493 | 55 | 11,816 | 20 | 0 | 0 | 0 | 0 | 3 | 11,816 | 20 |
| | Total | | 340,979 | 170,088 | 50 | 121,931 | 36 | 48,961 | 14 | 0 | 0 | 0 | 0 | | 48,961 |
| Northern | Chilubi | 59,695 | 20,893 | 35 | 26,863 | 45 | 11,939 | 20 | 0 | 0 | 0 | 0 | 3 | 11,939 | 20 |
| | Kaputa | 51,365 | 17,978 | 35 | 25,683 | 50 | 7,705 | 15 | 0 | 0 | 0 | 0 | 2 | 7,705 | 15 |
| | Luwingu | 38,424 | 13,448 | 35 | 19,212 | 50 | 5,764 | 15 | 0 | 0 | 0 | 0 | 2 | 5,764 | 15 |
| | Mpulungu | 71,165 | 24,908 | 35 | 35,583 | 50 | 10,675 | 15 | 0 | 0 | 0 | 0 | 2 | 10,675 | 15 |
| | Mungwi | 109,909 | 27,477 | 25 | 60,450 | 55 | 21,982 | 20 | 0 | 0 | 0 | 0 | 3 | 21,982 | 20 |
| | Total | | 330,558 | 104,704 | 32 | 167,790 | 51 | 58,064 | 18 | 0 | 0 | 0 | 0 | | 58,064 |
| Southern | Chikankanta | 86,606 | 30,312 | 35 | 43,303 | 50 | 12,991 | 15 | 0 | 0 | 0 | 0 | 2 | 12,991 | 15 |
| | Chirundu | 68,438 | 30,797 | 45 | 23,953 | 35 | 13,688 | 20 | 0 | 0 | 0 | 0 | 3 | 13,688 | 20 |
| | Choma | 261,172 | 52,234 | 20 | 156,703 | 60 | 52,234 | 20 | 0 | 0 | 0 | 0 | 3 | 52,234 | 20 |
| | Gwembe | 76,783 | 30,713 | 40 | 26,874 | 35 | 19,196 | 25 | 0 | 0 | 0 | 0 | 3 | 19,196 | 25 |
| | Itezhi-tezhi | 99,169 | 39,668 | 40 | 39,668 | 40 | 19,834 | 20 | 0 | 0 | 0 | 0 | 3 | 19,834 | 20 |
| | Kalomo | 272,762 | 54,552 | 20 | 177,295 | 65 | 40,914 | 15 | 0 | 0 | 0 | 0 | 2 | 40,914 | 15 |
| | Kazungula | 151,403 | 45,421 | 30 | 75,702 | 50 | 30,281 | 20 | 0 | 0 | 0 | 0 | 3 | 30,281 | 20 |
| | Mazabuka | 247,297 | 86,554 | 35 | 123,649 | 50 | 37,095 | 15 | 0 | 0 | 0 | 0 | 2 | 37,095 | 15 |
| | Monze | 277,363 | 83,209 | 30 | 152,550 | 55 | 41,604 | 15 | 0 | 0 | 0 | 0 | 2 | 41,604 | 15 |
| | Namwala | 148,696 | 29,739 | 20 | 89,218 | 60 | 29,739 | 20 | 0 | 0 | 0 | 0 | 3 | 29,739 | 20 |
| | Pemba | 97,117 | 33,991 | 35 | 43,703 | 45 | 19,423 | 20 | 0 | 0 | 0 | 0 | 3 | 19,423 | 20 |
| | Siavonga | 61,974 | 34,086 | 55 | 15,494 | 25 | 12,395 | 20 | 0 | 0 | 0 | 0 | 3 | 12,395 | 20 |
| | Sinazongwe | 146,887 | 51,410 | 35 | 66,099 | 45 | 29,377 | 20 | 0 | 0 | 0 | 0 | 3 | 29,377 | 20 |
| | Zimba | 101,007 | 20,201 | 20 | 60,604 | 60 | 20,201 | 20 | 0 | 0 | 0 | 0 | 3 | 20,201 | 20 |
| Total | | 2,096,674 | 622,888 | 30 | 1,094,813 | 52 | 378,973 | 18 | 0 | 0 | 0 | 0 | | 378,973 | 18 |



ANNEX II: Population Table for the Projected Period: Oct 2022 - March 2023 (continued)

| | | | | | | | | | | | | | | | |
|--------------------|-------------------|------------------|----------------|------------------|----------------|------------------|----------------|-----------|----------|----------|----------|----------|------------------|----------------|-----------|
| Western | Kalabo/Sikongo | 120,603 | 24,121 | 20 | 72,362 | 60 | 24,121 | 20 | 0 | 0 | 0 | 0 | 3 | 24,121 | 20 |
| | Kaoma | 149,292 | 44,788 | 30 | 74,646 | 50 | 29,858 | 20 | 0 | 0 | 0 | 0 | 3 | 29,858 | 20 |
| | Lukulu | 84,610 | 25,383 | 30 | 42,305 | 50 | 16,922 | 20 | 0 | 0 | 0 | 0 | 3 | 16,922 | 20 |
| | Mitete | 39,703 | 11,911 | 30 | 19,852 | 50 | 7,941 | 20 | 0 | 0 | 0 | 0 | 3 | 7,941 | 20 |
| | Mongu | 186,236 | 55,871 | 30 | 102,430 | 55 | 27,935 | 15 | 0 | 0 | 0 | 0 | 2 | 27,935 | 15 |
| | Mulobezi | 44,063 | 6,609 | 15 | 28,641 | 65 | 8,813 | 20 | 0 | 0 | 0 | 0 | 3 | 8,813 | 20 |
| | Mwandi | 36,218 | 7,244 | 20 | 21,731 | 60 | 7,244 | 20 | 0 | 0 | 0 | 0 | 3 | 7,244 | 20 |
| | Nalolo | 80,321 | 20,080 | 25 | 44,177 | 55 | 16,064 | 20 | 0 | 0 | 0 | 0 | 3 | 16,064 | 20 |
| | Senanga | 102,534 | 30,760 | 30 | 51,267 | 50 | 20,507 | 20 | 0 | 0 | 0 | 0 | 3 | 20,507 | 20 |
| | Sesheke | 63,388 | 15,847 | 25 | 34,863 | 55 | 12,678 | 20 | 0 | 0 | 0 | 0 | 3 | 12,678 | 20 |
| | Shangombo | 73,455 | 14,691 | 20 | 44,073 | 60 | 14,691 | 20 | 0 | 0 | 0 | 0 | 3 | 14,691 | 20 |
| | Sioma | 61,410 | 18,423 | 30 | 30,705 | 50 | 12,282 | 20 | 0 | 0 | 0 | 0 | 3 | 12,282 | 20 |
| | Total | 1,041,833 | 275,727 | 26 | 567,051 | 54 | 199,055 | 19 | 0 | 0 | 0 | 0 | | 199,055 | 19 |
| Grand Total | 13,490,313 | 4,937,182 | 37 | 6,601,009 | 49 | 1,952,123 | 14 | 0 | 0 | 0 | 0 | | 1,952,123 | 14 | |