Global Update
Food Security Monitoring
January - August 2011  •  Issue no. 5

Highlights

• The impacts of the severe drought in the Horn of Africa continue to affect the lives and livelihoods of more than 13 million people. By September, six regions in Somalia were declared famine zones by the United Nations.

• In Afghanistan, poor rainfall has undermined production putting more than 7 million people at risk of food insecurity.

• Heavy flooding hampered agricultural production and trade flows in the Democratic People’s Republic of Korea and more than 6 million people were estimated to be in need of international food assistance.

• Good harvests have improved food availability and access in Cambodia, Indonesia, Bangladesh and Pakistan with the exception of areas affected by flooding due to the seasonal monsoon. In addition, the Southern Africa region experienced above average production levels this year.

• Political and social upheavals keep on affecting the economic and humanitarian situation in the Middle East and North Africa. Tensions have escalated in Libya, Syria and Yemen and armed violence continue to cause loss of life, population displacement and rising food and fuel prices.

44 countries covered by the Global Update
Food Security Trends (January-August 2011)
Food security trends in selected countries • January - August 2011

The table presents information on the countries where WFP participates in a Food Security Monitoring System • Based on reports dated January to August 2011

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<td>BURUNDI</td>
<td>After 15 years of civil war, Burundi’s political and security context has improved significantly. Even so, the country continues to face several challenges, including extreme poverty, climatic shocks and chronic vulnerability to food insecurity. Security problems persist and attacks by armed militias on police posts and villages intensified during July. Food security is still under threat because of rising food prices and a banana disease that has ravaged this staple food crop since November 2010.</td>
<td>The dry season began in the third dekad of June, but abundant rains fell in the Kirundo during the second dekad of June 2011. The rains have facilitated the late sowing of sweet potato, cassava and maize, and improved pasture conditions and banana production. However, the rains have also slowed down bean and sorghum harvesting. The July 2011 Crop and Food Security Assessment Mission (CFSAM) estimated that total food production for the 2011 B season (February – June, representing 50% of national production) rose by 3% compared with the same season last year. Cereal production increased by 8%, pulses by 3%, and tubers by 2%.</td>
<td>Instead of decreasing as expected at harvest time, the prices of staple foods have been constantly increasing. The CFSAM reported the following price increases: beans (37%), sweet potatoes (17%), rice (15%), bananas (11%) and cassava flour (5%) compared with the same period last year. Rising prices are linked to the increased cost of other basic items and services (e.g., fuel, transport and beer), as well as to increased food prices (rice and maize) to east African countries including Uganda, Rwanda and Tanzania. Despite lower fuel prices on the international market, the price of petrol remains high at US$1.63 per litre. The purchasing power of the vast majority of the population has been significantly lowered by rising food and fuel prices.</td>
<td>Based on the last food security monitoring and CFSAM surveys, consumption patterns across the country have improved and most households are able to meet their minimum dietary intake. Coping strategies adopted by households have shown a downward trend, implying better food security except for a few pockets in the western part of the country. Forthcoming lean season at the back of increasing prices and crop disease calls for close monitoring.</td>
<td>The last harvest has improved nutritional levels, and diets are of better quantity and quality. This positive nutritional trend should continue well into the next lean season, which started at the end of August.</td>
<td>Food prices, especially of beans and cassava, are expected to keep rising if the government does not intervene to increase imports or reduce the tax on food. A cumulative food deficit of 1,922 mt for all foods is predicted for May to October, equivalent to US$1.96 million.</td>
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<td>Eastern Africa</td>
<td>A severe drought in 2002/03 affected many sectors, including agricultural production. Since then, the economy has seen six fiscal years of broad-based and steady growth in real GDP. The La Niña phenomenon, which occurs every 2-5 years, has left parts of Ethiopia and the entire Horn of Africa drier than usual, sparking food security concerns in many areas. The worst affected regions are in the south (Oromia), southeast (Somali) and southwest (part of SNNPR) where the drought has caused substantial livestock mortality, failed crops and very high local cereal prices. In July, around 2,000 Somali refugees were entering the country every day in an effort to flee severe drought and violence. However, the influx has slowed in August with just over 250 refugees arriving daily. Food distributions are ongoing, but delivery in the Somali region is hampered by security issues.</td>
<td>The total failure of the Deyr rains (October to December) in 2010 and the poor Gu rains (April to June) in 2011 have caused the worst drought since 1950 in pastoral areas of Somaliland and Oromia. Due to the late start of the Belg rains (February-March), in Belg crop-producing areas, harvesting is expected to be delayed by one to two months, and the crop is expected to be poor because of low productivity and a smaller cultivated area. The June to September Kirriem rains started on time in Oromia, but were three weeks late and erratic until the first week of August in lowland Harar pastoral. The Mehir cropping activities in the Amhara region are progressing well since the rains improved at the end of July. The onset of the dry season in southern pastoral areas will exacerbate poor pasture conditions and water shortages, causing deterioration in body conditions and higher animal mortality in the drought-affected south and south-eastern regions. The situation is expected to worsen during the current dry season and will only improve with the start of the Deyr rains in October.</td>
<td>The price of maize rose by 42% in the second quarter compared with the first, and is 191% higher than the five-year average. Livestock prices began to decline in drought affected areas, especially in the south and south-eastern parts of the country, thereby worsening terms of trade for pastoralists. In addition, the recent unrest in the Middle East and North African countries has seen a drop in export demand for cattle, further lowering purchasing power for livestock owners.</td>
<td>The situation of new arrivals in the Somali region is of grave concern with many arriving in already malnourished condition. Recent rapid assessments indicate widespread increases in the prevalence of acute malnutrition. There has been a dramatic rise in the number of children admitted to outpatient therapeutic programmes. In the south-eastern region of Ethiopia, the admission rate increased over 190% between December 2010 and April 2011. The overall nutrition situation in the Dolo-Ado camps is a major concern: one in three children under 5 arriving from Somalia is severely malnourished. In the recently established refugee camps of Kobe (June 2011) and Hilawe (August 2011), a measles outbreak is aggravating acute malnutrition and increasing mortality rates among children under 5.</td>
<td>Food prices, especially of beans and cassava, are expected to keep rising if the government does not intervene to increase imports or reduce the tax on food. A cumulative food deficit of 1,922 mt for all foods is predicted for May to October, equivalent to US$1.96 million.</td>
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See page 26 for detailed information on the indicators
In the second quarter, prices of maize doubled compared with the first quarter of 2011. While prices are expected to decline in areas where the harvest is starting, they will remain between 70 and 100% above the five-year average, particularly in drought-affected areas. Livestock prices are about 20% below average while maize prices have more than doubled. This has greatly lowered the terms of trade for pastoralists. Parts of Turkana (northern Kenya) where barter trade is prevalent face particular problems.

Declining purchasing power is restricting agro-pastoralists’ ability to access adequate food. Consequently, the majority of households are employing distress coping strategies such as selling young and reproductive livestock, or migrating to join agricultural or agro-pastoral groups. This is causing increased competition over limited water and pasture resources, often leading to serious conflict.

Most new arrivals in Dadaab’s three refugee camps (Dhagahaley, Dagahaley, and Hagadera) are emaciated. Furthermore, the size of the refugee population has far outstripped available facilities.

According to FSN/AU’s recently conducted surveys, 33.3% of children are acutely malnourished levels above 15% indicate an emergency level and severe acute malnutrition is at 16.9% in southern Somalia. The highest recorded levels of acute malnutrition are in Bay and Gedo (agro-pastoral) where GAM rates exceed 50%.

Population-wide death rates are above the alert level (170/100,000/da) across all areas of the south. They are above the famine threshold (210,000/da) in the Bakoid and Middle Shabelle (Bakoid and Cadale) agro-pastoral livelihood zones, and more than double the famine threshold in Lower Shabelle and among IDPs in the Abyokie Corridor, Baidoa, and in Lower Shabelle and Mudug districts.

The UN has declared famine in five areas in southern parts of Somalia. 3.7 million people are in direct need of humanitarian assistance and are at risk of starvation. Despite increased attention in recent weeks, the current humanitarian response remains inadequate because of ongoing access restrictions and difficulties in scaling up emergency assistance, as well as funding gaps.

As a result, famine is expected to spread across all regions of the south in the coming weeks and it is likely to persist at least until December 2011. A massive multi-sectoral response is critical to prevent additional deaths and the total collapse of livelihoods.

See Legend of table on page 2
**SOUTH SUDAN**

On 9 July 2011, the Republic of South Sudan became an independent state. Despite significant improvements since the Comprehensive Peace Agreement in 2005, the country still has high poverty rates (51%), insufficient infrastructure and poor economic diversification. South Sudanese started returning from the North in large numbers in late 2010, adding on the burden on already fragile communities. The national economy depends heavily on oil, accounting for 98% of the government budget. Revenues are limited as the main pipelines and processing plants are located in the Sudan, even though 85% of oil production is in South Sudan. The security situation is still fragile in the Transitional Areas. In May 2011, the beheader of the disputed territory of Abyei by northern forces displaced 110,000 people into the south, while the bombing of a disputed area on the South Sudanese border with Unity State displaced 7,000 people. Since the start of the year, recurrent inter-communal conflicts across South Sudan have led to the displacement of 74,000 people and the death of 2,500 people. Commodity flows from north to south have been hindered by insecurity, and the flow of food and non-food supplies has dropped by 40%, resulting in shortages and food and non-food price rises, particularly in the northern states.

In the second quarter of 2011, the price of maize flour rose by 25% compared with the first quarter. Food prices are 14% higher compared with last year, and 120% higher than the five-year average. Households depending on livestock sales in the "cattle corridor" have lost some of their purchasing power because of foot and mouth disease. Meanwhile, both maize crop producers and coffee producers are benefiting from higher prices for their goods.

**UGANDA**

Uganda is endowed with a diverse natural resources base, that includes fertile soils, regular rainfall, small deposits of copper, gold, and other minerals, and recently discovered oil. It is sometimes referred to as the bread basket of the region, largely because of its surplus production of maize, which is mainly exported to South Sudan. The country has made remarkable progress in poverty reduction. The proportion of the population living below the absolute poverty line fell from 56% two decades ago to 23.3% in 2009/10. The 2009 global economic downturn hit Uganda’s exports; however, GDP growth is still relatively strong (5.1% in 2010). Nonetheless, the ongoing food security crisis in the Horn of Africa and high global maize prices are pushing food prices up.

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**Global Update - Food Security Monitoring**

**Food security trend and outlook (G)**

The food security and nutrition situation has deteriorated as a result of recurrent conflicts, low food stocks caused by trade blockades, high food prices, and large numbers of returnees from Sudan. If these conditions persist, food insecurity could reach emergency levels even higher than current lean-season levels when 1.5 million people are already in need of food assistance.

The situation could be made worse if rising regional food prices driven by famine in the Great Horn of Africa persist.

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### Table: Food Security and Nutrition Monitoring

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### Lesotho

Lesotho is a small, land-locked country characterized by chronic poverty and malnutrition. In late 2010/early 2011, the country was hit by heavy rainfall which negatively affected production and off-farm employment opportunities. The country has also one of the highest levels of HIV infection prevalence in the world.

The Leribe and Maseru districts, which produce one third of the total national maize output, experienced an intense period of heavy rains towards the end of the planting period, hence stunting crops. Subsequent low yields resulted in a 60% drop in maize production compared with last year’s harvest, about one third lower than the five-year average. Aggregate national cereal production for the 2011/12 marketing year is estimated to meet only one quarter of the country’s cereal requirements.

The rains also damaged agriculture infrastructure and the livestock sector, an estimated 44,000 livestock (around 2% of the total national population) died. In addition, higher than normal incidences of vector-borne diseases were reported.

The food security situation has deteriorated in many parts of the country because of delayed rains and effects of Cyclone Bingiza. The heavy rainfall in early 2011 damaged water infrastructure in some areas, contaminating drinking water.

**Food prices remained stable during the first semester of 2011.** Compared with May 2010, the food consumer price index rose by 5.6%. Lesotho has also been affected by rising fuel prices.

The purchasing power of farming households and livestock sellers will severely deteriorate in the coming months because of the damage to the livestock and agricultural sectors. 25% of the national population derive their income from agriculture.

The food security situation has deteriorated in many parts of the country because of delayed rains and effects of Cyclone Bingiza. The heavy rainfall in early 2011 damaged water infrastructure in some areas, contaminating drinking water.

**The poor cereal harvest has reduced household food supplies, which may lead to poorer food consumption and a probable increase in the use of adverse coping strategies.**

**Information on nutrition was not available for this reporting period.** The country has one of the highest prevalences of HIV infection in the world (23.6%), which has created 130,000 orphans.

The heavy rainfall in early 2011 damaged water infrastructure in some areas, contaminating drinking water.

The reduced cereal harvest is expected to have a significant impact on food security conditions; household food supplies will diminish and income will fall as seasonal farm employment opportunities become scarce. The impact on the livestock sector will also affect dairy production and income from livestock sales. Results from the 2011 Lesotho Vulnerability Assessment Committee (LVAC) indicate that 514,000 people will require food assistance during the 2011/2012 marketing year, with the majority located in the southern lowlands. With income limited, any increase in food prices may worsen the food insecurity of vulnerable households.

### Madagascar

Madagascar is a low-income food deficit nation characterized by high poverty and chronic malnutrition. Its poorly developed transport infrastructure greatly restricts economic growth, impedes poverty reduction and reduces food security.

Madagascar has one of the highest chronic malnutrition rates in the world as confirmed by the Demographic and Health Survey (DHS) of 2009: every second child is stunted and anemic.

The country is also highly prone to natural disasters, including drought and cyclones. In February 2011, Cyclone Bingiza caused flooding in the north-eastern and south-eastern districts.

Rainfall was generally favourable in the central and southern regions throughout the agricultural season, facilitating crop development.

However, a 30% fall in rice production in the major granary, Alaxra Marompo, was declared by the regional directorate of rural development and confirmed by local farmers. Many rice fields were not exploited because of late rains. The highlands also expected a decrease in rice production this year following a hailstorm that destroyed part of the mature crops. In the district of Faratihiso, between 60 to 70% of rice production was destroyed.

Cyclone Bingiza damaged 26,000 hectares of paddy crop in the northern districts, primarily affecting the Analanjiroro region in the north-east, while about 40,000 hectares were damaged in south-eastern areas.

**The second quarter of the 2011 harvest season saw the price of local rice fall by 18% compared with the first quarter.** Prices were 10% lower than the same period last year, but 13% higher than the five-year average.

**Localized stocks and reduced household stocks have prolonged this year’s lean season in many areas.** Cyclone Bingiza affected food access by reducing the food consumption of the majority of households in the south-eastern coast between May 2010 and March 2011.

In particular, half of households in the district of Farafangana had poor food consumption in March 2011 (29% higher compared with last year). In the district of Vohipeno, the number of households with borderline consumption increased by 25% during the same period.

A survey undertaken on 443 students of six schools in Tsihombe district (in the South) in late February 2011, revealed a prevalence of acute malnutrition of 6.1% among 6-14 year children with a severe case (0.2%). Furthermore 44.0% were stunted (17.8% of severe) and 42.5% underweighted (8.4% of severe).

The food security situation has deteriorated in many parts of the country because of delayed rains and effects of Cyclone Bingiza. Food security conditions are expected to stabilize in the coming months as the continuing harvest increases food availability at market levels and subsequent access at household level.

**The reduced cereal harvest is expected to have a significant impact on food security conditions; household food supplies will diminish and income will fall as seasonal farm employment opportunities become scarce.** The impact on the livestock sector will also affect dairy production and income from livestock sales. Results from the 2011 Lesotho Vulnerability Assessment Committee (LVAC) indicate that 514,000 people will require food assistance during the 2011/2012 marketing year, with the majority located in the southern lowlands. With income limited, any increase in food prices may worsen the food insecurity of vulnerable households.
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<td>MALAWI</td>
<td>Over the past few years, Malawi has had a food surplus largely attributed to an agricultural scheme that has been described as an &quot;unique green revolution&quot;. Despite this achievement, a large proportion of the population remains below the poverty line. Poverty continues to hamper development and foster discontent with the current government. In July, the country saw protests and civil unrest in the major cities including Lilongwe. This was sparked by fears that the democratic state was sliding back into one-party state rule.</td>
<td>In early 2011, heavy rains and flooding in the northern district of Karonga affected over 5,600 households and caused localized crop damage, particularly to cassava. In February, some southern districts saw a dry spell, which particularly affected the late planted crops in areas along the Shire River between Mangochi and Neno. These areas also experienced production shortfalls during the last agricultural season. In April, maize harvesting commenced. National crop production was favourable, with estimates pointing towards a record maize harvest, 13% higher than the previous season. Production gains were supported by favourable rainfall over most of the country and a subsidy programme for an estimated 1.6 million smallholder maize farmers. The country is expected to retain a significant surplus in the current marketing year (2011/12).</td>
<td>During the second quarter of 2011, the price of maize fell by 13% compared with first quarter because of the harvest season and remaining stocks from the previous year’s good harvest. Compared to last year, prices are down by 18%, but they are 74% higher than the five-year average. Input support through the government’s Farm Input Subsidy Programme (FISP) benefited 1.6 million smallholder maize farmers by increasing their yields and purchasing power. However, recent policy measures including tax increases and the severe reduction in foreign reserves may cause food inflation and reduce purchasing power, particularly in urban areas.</td>
<td>Information on Food Consumption &amp; Coping Strategies was not available for this reporting period.</td>
<td>Information on nutrition was not available for this reporting period.</td>
<td>Except for small areas affected by floods or drought, overall food availability continues to improve in Malawi mainly due to this year’s bumper maize harvest. However, the political situation has to be monitored over the next six months as public discontent is building over high poverty rates and limited political participation.</td>
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<td>MOZAMBIQUE</td>
<td>Mozambique, a low-income food deficit country, is prone to natural disasters that regularly cause serious damage and set back economic growth. The devastating floods in 2000 and 2001 and the drought of 2002/03 are two cases in point. HIV and AIDS have also impacted lives and livelihoods, further undermining development gains. In response to global high food prices crisis in 2008, and leading up to the 2009 elections, the government introduced food subsidies. This system is to be replaced by a more cost-effective approach targeting the urban poor. This change was planned for mid 2011 but has not yet taken place. Previous government attempts to remove the subsidies led to rising throughout the country. Overall national crop production is expected to be average, especially as the productive northern areas forecast good harvests of maize and other crops. This is in spite of the floods and extended dry spells that have affected the arid and semi-arid areas in the south and central parts of the country. Cereal production estimates for the 2010/11 season remain satisfactory, with maize production set to be slightly above last year’s output. Local food reserves should last until July for cereals, and until October for cassava in central and southern Mozambique. In the north, food reserves are expected to last until December or February of next year, depending on the outcome of the second harvest. In the second quarter of 2011, maize prices fell by 16%, reflecting the good harvest. Prices remained stable compared with one year ago, but they are 97% higher than the five-year average. Imported rice prices rose by 6% compared with the first quarter.</td>
<td>In the second quarter of 2011, maize harvests of maize and other crops. This is in spite of the floods and extended dry spells that have affected the arid and semi-arid areas in the south and central parts of the country.</td>
<td>An Urban Vulnerability Analysis for Food Security and Nutrition (Urban VA) conducted in December 2010 and January 2011, indicated difficulties in accessing food. Rising food prices and declining incomes is indeed leading to reduced food consumption and use of distress coping strategies. Note that increasingly more households were reportedly having poor food consumption and exhausting savings and selling assets.</td>
<td>Health &amp; Nutrition information was not available for this reporting period.</td>
<td>Overall the food security situation remains stable, a result of good crop production. Nonetheless, pockets of food insecurity remain. Production losses caused by climatic shocks in central and southern provinces could limit household food stocks.</td>
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<td>NAMIBIA</td>
<td>Mining is the backbone of the economy, contributing 60% of total export earnings. However, social inequalities are highly skewed. Namibia has the highest Gini Coefficient in the world (74.3). The economy is closely linked to South Africa’s, with the Namibian dollar pegged to the South African rand on a one-to-one basis. Like its neighbours, Namibia faces a serious HIV/AIDS challenge. Namibia is an arid country with an annual average rainfall of 100 millimetres that includes the Kalahari and Namib deserts. The northern central regions are characterized by extensive plains or oshanas, which often suffer severe flooding as water overflows from the Kunene River. After the drought of 2007, the country saw three years of successive flooding which displaced many families, caused serious agricultural and livestock production losses, and damaged infrastructure. Northern parts of Namibia received excessive rains during the first quarter of 2011. Estimates indicate that 56,000 ha of farmland were damaged by the flooding in the millet-producing regions of Oshana, Omusati and Kavango. As a result, cereal production will be lower than originally forecast. However, even in a good production year, Namibia is highly dependent on food imports. The annual inflation rate rose from 3.8% in March to 4.3% in April; the annual food inflation rate went up from 2.6 to 4.3% during the same period. These increases are seasonal, but have been exacerbated by floods and higher transportation costs caused by damaged roads and increased fuel prices. Rising maize prices in South Africa, caused by continued high demand on the world market, may make this situation worse. There is now better physical access to previously cut-off areas and the short-term needs of severely affected households are being assessed to determine the level of extended emergency response. It is estimated that 260,000 people were affected by the floods in Oshana, Omusat, Ongwediva and Ohkakoto. The coping capacity of households has been severely diminished by several consecutive natural disasters, including a drought in 2007 and recurring floods.</td>
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<td>The food security situation in the flood-affected areas has worsened over the past six months due to the third consecutive year of flooding. It is not yet clear how long it will take households to recover, as the effects of the flooding are still being assessed. However, the most vulnerable households are likely to remain dependent on assistance over the 2011/12 consumption period.</td>
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<td>SWAZILAND</td>
<td>Swaziland is a landlocked country bordered to the north, south and west by South Africa. The HIV infection rate in the country is the highest in the world with 26% of adults affected. The global economic downturn in 2009 has reduced remittances from South Africa and hampered food security for households highly dependent on them. The country is frequently affected by drought and water resources are mainly allocated to the production of sugarcane, the main export. The country is currently facing serious financial challenges which have been exacerbated by reduced financial receipts from the Southern African Custom Union. Swaziland is now implementing social and economic reforms monitored by the IMF. Swaziland was a landlocked country bordered to the north, south and west by South Africa. The HIV infection rate in the country is the highest in the world with 26% of adults affected. The global economic downturn in 2009 has reduced remittances from South Africa and hampered food security for households highly dependent on them. The country is frequently affected by drought and water resources are mainly allocated to the production of sugarcane, the main export. The country is currently facing serious financial challenges which have been exacerbated by reduced financial receipts from the Southern African Custom Union. Swaziland is now implementing social and economic reforms monitored by the IMF.</td>
<td>There has been an increase of 20% of the area planted, but this has only generated a 12% rise in production. The reduced yields were caused by irregular rains during the October to April growing season. During the first two months of this marketing year, the rate of maize imports from South Africa are set to be below the levels recorded the same time last year. This is a result of the larger maize harvest in 2011. Approximately 4,300 mt of maize were imported in May and June, compared with 10,000 mt during the same months in 2010. This makes Swaziland slightly less dependent on food imports from South Africa. Despite increased production, maize meal prices rose by 18% compared with the first quarter of 2011. They are 21% higher than the same season last year, which can be partly explained by the ever-increasing prices in South Africa. Transport costs have risen by 14%, reflecting higher fuel prices. The overall purchasing power of migrant households is expected to stabilize or improve as the South African economy in terms of GDP growth slowly recovered from -1.7% in 2009 to 2.8% in 2010.</td>
<td>Information on Food Consumption &amp; Coping Strategies was not available for this reporting period.</td>
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<td>Due to the effects of AIDS, Swaziland has seen a dramatic rise in morbidity and mortality. The infant mortality rate is 65 deaths per 1,000 live births and the under-5 mortality rate is 120 deaths per 1,000 live births. The food security situation has generally improved: while 15% of the population relied on food assistance last year, only 7% are dependent this year. Despite improving trends, the Swaziland Vulnerability Assessment Committee (VAC) estimates that 88,500 people will not be able to meet their basic food requirements and will therefore require assistance during 2011/12. Most food-insecure households are located in the eastern Lubombo region.</td>
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<td>Zambia</td>
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<td>Rainfall patterns were generally favourable from October to April across the country. However, there were periods of heavy rains in January and deficits during February predominantly in areas along the Zambezi basin. This affected 25% of staple crops, causing water logging in the worst-hit districts. The dry spell, which damaged staple crops in south-eastern areas of the sub-region, caused wailing in the Mambwe, Kaoma, Sesheke and Senanga districts. The country recorded another bumper harvest during the 2010/11 season, with a surplus of over 1 million mt, 8% higher than the previous season’s output. This increase has been largely attributed to favourable rain conditions and the continued assistance through the Farmer Input Support Programme (FISP), which has an estimated 900,000 beneficiaries.</td>
<td>Maize prices remain low and stable, a reflection of the abundant national supplies and favourable crop prospects. In the second quarter of 2011, prices fell by 7% compared with the first quarter and by 8% compared with one year ago. Even so, prices remain 59% higher than the five-year average.</td>
<td>Food consumption is likely to have increased because of the bumper harvest and better household incomes. Households are also able to access a variety of seasonal foods, thereby possibly increasing dietary diversity.</td>
<td>Information on nutrition was not available for this reporting period. The last DHS was in 2007. The country has an HIV infection prevalence of 13.5% and hosts 690,000 HIV/AIDS orphans.</td>
<td>Overall, national food security conditions remain favourable in most areas because of good production and comparatively low and stable maize prices. However, areas affected by floods and dry weather (Western, Southern and Lusaka provinces), may suffer localized production shortfalls in both food and cash crops.</td>
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<td>Rainfall patterns in 2010 and early 2011 were generally favourable, supporting crop development, but they were disrupted by a period of heavy rains affecting low-lying parts of Midlands, Mashonaland Central, and north and south Matabeleland provinces. In February a dry spell followed that mostly hit low-producing southern areas. During March/April, rains improved in northern regions, but water deficits continued in some southern and central areas, impacting maize production in Matabeleland South and parts of Midlands. The 2010/11 maize production is 9% higher than last year, mostly because more land was cultivated and yields increased in high production areas. By contrast, sorghum, millet and cotton are set to remain below last year’s average as fields have been substituted with maize or tobacco.</td>
<td>In the second quarter of 2011, maize prices fell by 2% compared with the first quarter, but was 680% above the five-year average, though only 28% above last year’s prices. The purchasing power of livestock sellers has increased over the past six months, though conditions for grazing have deteriorated in areas hit by the prolonged dry spell. The terms of trade for livestock sellers may decrease as the dry season progresses.</td>
<td>According to the April 2011 Community Household Surveillance (CHS) carried out in WFP-supported regions, 27% of households had poor or borderline food consumption: in March 2010, the proportion was 42%. Food consumption has therefore improved this year. This positive trend was also reflected in a slightly reduced coping strategy index, showing a decline in use of adverse coping strategies.</td>
<td>No new nutrition data has been collected since the National Nutrition Survey conducted in January 2010. Since the beginning of this year, 10 of the country’s 62 districts have reported cholera cases. By mid-June, 1,134 cholera cases and 45 deaths had been reported, giving a crude case fatality rate of 4%. This is close to the 4.3% recorded at the peak of Zimbabwe’s worst cholera outbreak in 2008/9, which caused 100,000 cases and 4,000 deaths.</td>
<td>The overall food security situation remains stable, a situation attributed to good availability of maize and a bumper harvest in neighbouring Zambia. However, in some areas where households have limited income sources and low food stocks, food access may deteriorate. Furthermore, the dry spell that reduced production in southern areas will make it difficult for households to replenish their food stocks.</td>
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<td>Information on nutrition was not available for this reporting period. The last DHS was in 2007. The country has an HIV infection prevalence of 13.5% and hosts 690,000 HIV/AIDS orphans.</td>
<td>Overall, national food security conditions remain favourable in most areas because of good production and comparatively low and stable maize prices. However, areas affected by floods and dry weather (Western, Southern and Lusaka provinces), may suffer localized production shortfalls in both food and cash crops.</td>
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See Legend of table on page 2
### Food security trend

#### Prices & Purchasing Power

- The start of the rainy season was delayed in several localities, leading to re-sowing in some areas. Rains resumed in July, and the season has normalized. Crop production estimates for the 2011 harvest are due in September/October.
- The 2010 harvest produced over 4.5 million mt of cereal, generating an estimated surplus of 757,000 mt. The harvest was 26% higher than the previous year and 27% more than the five-year average.

#### Rainfall & Production

- Large carry-over food stocks from the bumper harvest of 2010 have helped offset 2011’s increased global food prices. Nonetheless, high prices have been exerting strong upward pressure on import prices (which are up 28% from last year for rice and cooking oil).
- In turn, domestic food inflation and transport costs have escalated, the latter caused by high global fuel prices.

#### Countries

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<td>Chad</td>
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- Chad is surrounded by politically unstable countries (Libya, Sudan, South Sudan, and Central African Republic - CAR). The eastern and southern parts of the country have been hosting thousands of refugees from Darfur and CAR for over a decade.
- The Sahel zone is exposed to climatic shocks and suffers from drought and cereal deficits. The country is therefore heavily dependent on external food aid.

- Due to the abundant rainfall during the 2010/2011 agricultural season, cereal production reached record levels. Statistics released by the Ministry of Agriculture and Irrigation show an increase in cereal production of 118% compared with 2009/2010, and 85% increase on the five-year average.
- However, the 2011/12 agricultural season was not successful throughout the country because of delayed and sporadic rainfall. This then delayed land preparation, sowing/planting, the reconstitution of pasture and the movement of livestock to the north.

#### Health & Nutrition

- Typical coping mechanisms for households include diversification of livelihood activities, including vegetable gardening, animal breeding, gold washing, and manual labour.
- Other distress related coping strategies commonly adopted are reducing the number of meals consumed daily. This is particularly risky, for children.

#### Food Consumption & Coping Strategies

- A recent WFP assessment (EFSA, April 2011) reports that in the Sahelian belt, 29% of households are severely food insecure, and 21.7% are moderately insecure. The zones most affected are the Kanem, Barh-el-Ghazal, Guera, Batha, Lac, Hadjer Lames, Wadi Fira, Ouaddai, and Sila.
- Furthermore, most households consume two meals a day, while low-income households have deployed coping strategies such as reducing the frequency and quantity of meals consumed, consuming less preferred foods, taking on casual work, and borrowing money.

#### Food security trend and outlook

- The food security situation has improved due to stable cereal prices and good food availability from an above average cereal production. As a result, food security is expected to remain uncharged for most households. Nevertheless, the most vulnerable households will continue to struggle to access food during the lean season and will depend more than ever on their already weakened coping mechanisms.

- A survey conducted by the various agencies; government/UNICEF/WFP in April 2011 shows very high GAM rates (about 15%) in the Sahelian belt. Rates of chronic malnutrition as high as 50% have been recorded in Hadjer-Lames, Ouaddai, Kanem and Salamat, similar to 2010 levels.
- Cholera epidemics, polo, measles and meningitis have also been reported.

- Although the 2010/11 grain production is 85% above the five-year average, the poor households of the Sahel remain vulnerable to shocks. The main constraints currently affecting food security in Chad are the poor start to the 2011/2012 agricultural season and high food prices. The potential impact of the ongoing conflict in Libya needs to be monitored closely.
**Global Update - Food Security Monitoring**

**Prices & Purchasing Power**

Overall food security has improved for many households in recent years.

**Food Consumption**

In recent years, Ghana has achieved robust economic growth through expansionary fiscal policies, strong agricultural performance, buoyant remittances, good growth in the services sector, the good performance of the gold sector and its continued attraction of new investment (ADB). However, even though the Ghanaian economy was able to weather the first round of the global financial crisis, there are signs of economic slowdown during this second global crisis and recession.

In early 2011, floods damaged an estimated 6,000 hectares of cultivated land, affecting 35,000 people across the country; most localised crop damage was reported in the south.

In West Africa, poor rainfall hindered normal planting and the germination of field crops such as maize and groundnuts in the western stretch of the Northern Region, covering much of Central Gonja, West Gonja, East Gonja and Savela-Tuna-Kalba. In the key early millet growing areas of the Upper East Region, comprising Talensi-Nabdam, Bongo and Bawku, West, farmers were unable to plant the crop because of late rains and they likely to endure a prolonged lean season this year.

In the second quarter of 2011, the national price of cassava rose by 19% and maize went up by 18% compared with first quarter. Cassava is 110% more expensive than the five-year average, and maize prices are 129% higher. Overall terms of trade have improved for livestock owners and deteriorated for labourers. In the Upper East Region, while the share of household income from selling agricultural produce continues to shrink, the share of income from selling livestock rose from 35.7% in April to 56% in May. The favourable terms of trade for goat/maze grain, which is attributed to stable livestock prices, allows for purchase of more maize.

In the Upper West Region, the average price of maize in sentinel sites has increased by 16%, so the labour/maze terms of trade fell from 8.6 kg in February 2011 to 8.7 kg in June 2011. In May 2011 in the Northern and Upper West regions, there was enough grain to meet household food consumption needs. This is thanks to above average reserves from last year and as a result, 94 percent of sentinel site households were consuming food from reserves of their own produce. However, vulnerable households whose reserves are rapidly depleting are managing the situation by reducing the quantity of food consumed. In the Upper East Region, the recent increase in the price of kerosene and liquefied gas has driven more households to rely on wood fuels, thereby increasing demand for firewood and charcoal. As a result, coping strategies such as selling fuel wood remained viable in May 2011 for poor households.

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<td>LEBERIA</td>
<td>Having emerged from 14 years of civil conflict in 2003, Liberia held its first democratic elections in 2005. Some positive economic progress followed, but the 2009 global financial crisis slowed growth and increased unemployment in the country. Even so, Liberia’s short-term prospects remain positive (AfDB). Liberia had to host 188,000 refugees who were forced to flee their homes in Côte d’Ivoire during the post-election violence. Although the major conflict in Côte d’Ivoire ended in April 2011, the political unrest had lasting consequences and continues to impact the food security situation in Liberia. Most of the refugees are currently in Nimba, Grand Gedeh and Maryland counties, which are among the most food-insecure areas of the country.</td>
<td>There has been considerable rainfall in August but it has been poor and unevenly distributed. Coastal areas of the north and the western part of the country (including Monrovia) have seen excessive rains while southern parts have experienced dryness. The northern and western areas that suffered significant damage to rice need to replant, consequently delaying crop development. There is a widening food deficit in Liberia. Cassava production has suffered massive post-harvest losses, while Rice production has fallen 64% short of consumption requirements. Liberia has hence had to bridge the food gap by importing rice, both commercially and through aid assistance.</td>
<td>In the second quarter of 2011, the price of butter rice rose by 5% compared with the first quarter, while the price of palm oil remained stable. Compared with the five-year average, butter rice prices are 74% higher, and palm oil is 164% more expensive. Despite stable global rice prices, domestic rice prices are increasing steadily and remain substantially higher than pre-2008 levels. The purchasing power of casual labourers declined between March and April. Inadequate employment opportunities and low wages; the latter, a consequence of the massive influx of refugees from Côte d’Ivoire. The host communities are offering refugees job opportunities at a lower wage rates.</td>
<td>According to a January 2011 WFP monitoring assessment conducted in Nimba and Grand Gedeh, daily food intake has fallen to one or two meals a day, instead of the typical three meals consumed this time of year. This is because of the rapid erosion of household incomes coupled with the increased pressure on host communities’ already meagre food stocks. In May 2011, 60% of host families and 70% of refugee families were using some form of adverse coping strategy. While both groups deploy strategies such as reducing the number of meals, borrowing food and skipping meals, refugee households are more likely to skip meals more frequently than host families.</td>
<td>The global acute malnutrition (AM) rate among refugees increased from 13% in December 2010 to 10.7% in February 2011. It rose from 1% to 5.8% for the host population over the same period.</td>
<td>Overall food security conditions are worsening, especially in the southeast. The highest concentration of food insecure households is in rural regions close to the border with Côte d’Ivoire. The refugee influx is straining the already limited basic services and resources. Trading routes between Côte d’Ivoire and Liberia have been disrupted, further reducing food availability and pushing up prices. Furthermore rising transport costs and restricted movement of commodities continue to keep the urban poor vulnerable. Household food security is hence likely to continue to deteriorate unless immediate mitigation measures are put in place.</td>
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<td>MALI</td>
<td>Despite the progress achieved over the last decade, Mali’s economy remains fragile as it still faces significant challenges in key development sectors. Most of the rural population is dependent on subsistence farming and livestock-herding, which are restricted by limited arable land, natural disasters (drought, locust infestations and floods), environmental degradation and fluctuating commodity prices. This situation keeps the country constantly at risk of food insecurity and malnutrition.</td>
<td>Good cereal production and favourable harvests in the neighbouring Senegal, Burkina Faso and Guinea have created generally satisfactory food availability during the 2010/11 season. In July 2011, below average rainfall slowed down agricultural activities in the Western Sahel, particularly in the northern areas of the Kayes, Koulikoro, and Segou regions as well as in the southern areas of the Sikasso, Mopti and Timbuktu regions. Initial forecasts for the current agricultural season are good, although lower than 2010/11 levels.</td>
<td>In the second quarter of 2011, millet prices fell by 2%, while imported rice increased by 4% compared with the first quarter. Millet is 15% more expensive than the five-year average, while imported rice is up by 40%. Terms of trade for goats/millet are well above the five-year average, particularly in the Gaso and Kidal regions where animal prices are higher and grain prices are declining to stable. Touareg populations in northern Mali have seen their incomes decrease, especially those dependent on migrant remittances from Libya. Nevertheless, the good 2010/11 harvest created a high demand for local labour, which has partially offset the loss in income. Between January and June 2011, poor and very poor households obtained lower incomes from local jobs (guarding and tending animal herds, making bricks, and building homes).</td>
<td>In rice-growing areas of Mopti during December 2010 and February 2011, larger than usual supplies of rice were brought home by workers paid in-kind. This increased household food reserves and contributed to a more diversified diet.</td>
<td>Between January to March 2011, most households had a normal food intake, resulting in low malnutrition rates which are in line with seasonal averages at this time of the year.</td>
<td>The food security situation has improved as a result of good food availability, stable prices and improved terms of trade. The continuing return of Malian nationals and refugees from Côte d’Ivoire is likely to increase food expenditure for host families and reduce purchasing power, especially among poor and very poor households. The repatriation of Malian workers living in Libya might also reduce the income of thousand of households who rely on remittances.</td>
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<td>NIGER</td>
<td>The 2009 drought and crop failure, compounded by flooding in August 2010, had a very adverse and long-lasting impact on household assets and savings, on levels of indebtedness, and on the health and nutritional status of the population. The recent massive influx of returnees fleeing Libya and Côte d’Ivoire has severely undermined the food security situation, leading to loss of remittances, increased demand for food, and a lack of employment opportunities particularly in Tahoua, Maradi and Zinder.</td>
<td>The rainy season typically starts between May and July in most farming areas. The success of the current agricultural season appears uncertain; despite abundant rains in some parts, many areas have seen erratic rainfall, causing pockets of drought and withering early crops. It was forecasted that the August and September rains will not allow renewed sowing. The 2011/12 cropping season began with significant delays in sowing and early crop development, particularly in the west of the country.</td>
<td>Rice is mainly imported, and prices are now substantially higher than in June 2010 (22% more in Agadez), reflecting higher fuel prices and increased transport costs. Terms of trade between livestock and millet prices are 10 to 40% higher than in July 2010. The purchasing power of farmers who cultivate onions for export has been hit by the political unrest in Côte d’Ivoire. In Galmi/Tahoua market, 1 kg of onions was being exchanged for 0.91 kg of millet in May 2011; in April it was exchanged for 1.05 kg, and in March, 3.13 kg.</td>
<td>In January 2011, around 17% of the population were estimated to be severely or moderately food insecure, mostly because of limited access to food. The deterioration in food access caused a larger than usual percentage of the workforce – in many cases, entire households – to leave for Nigeria (specifically to Jigawa State). In addition, the lack of income generating activities in June 2011 has been prompting households to resort to coping strategies that involve sending some members to work in wealthier areas, to the detriment of family farms. Households in Bima, Magaria, Madarounfa, Guidant Rounti, Tessoua, Tchinababarden, Madana, Gouré, Tanout, Bouza, and Illéla have reduced food security in pastoral areas.</td>
<td>The national GAM rate in Niger fell from 16.7% in June 2010 to 12.3% in June 2011. However, chronic malnutrition rose from 48% to 51%, according to the yearly nationwide nutrition survey. The survey results also revealed the continued high vulnerability of children in Niger to both acute and chronic malnutrition, with children aged between 6 and 23 months being particularly vulnerable. Admissions of malnourished children to therapeutic feeding centres rose nationally by an average of 31% between April and May 2011 because of food shortages in some departments.</td>
<td>The worst in Côte d’Ivoire and Libya has depleted household cereal stocks as a result of higher food and fuel prices, and of lost remittances, particularly in communities dependent on them. It has weakened purchasing power and pushed wages below usual levels, which is generating food insecurity in the agro-pastoral and pastoral areas of Niger.</td>
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<td>MAURITANIA</td>
<td>Mauritania has limited agricultural potential as 90% of its land mass is arid. About 75% of the country’s food is imported, thus international price increases continue to influence local food prices. Migration to cities has led to accelerated urbanization and increased urban poverty. The majority of households’ assets have been depleted as a result, limiting their ability to recover from shocks. Since July, relations between Senegal and Mauritania have been tense because of political disputes. Consequently, trade and trade routes have been interrupted in Rosso (south-western Mauritania) where the free movement of goods crossing the river into Senegal has been hampered. Both governments are working to reach a solution and re-open the airways and other trade links.</td>
<td>Spring harvests of flood-recession crops have helped to increase grain availability in the western and eastern reaches of the Senegal River Valley and in agro-pastoral areas. However, the late onset of rains and the massive flow of livestock from the north (Tagant, Tinza, north Brakna and north Gorgol) have deteriorated food security in pastoral areas.</td>
<td>During the second quarter of 2011, the price of wheat rose by 6% while that of imported rice fell by 1% compared with the first quarter. Wheat is currently 59% above the five-year average, and rice is 22% higher. Price increases at the end of July in diesel (1.4%) and petrol (3.5%) are likely to impact food prices. Terms of trade are favourable for households selling livestock in agro-pastoral areas. A high demand for livestock in February (associated with the religious holidays) depleted market stocks both in Mauritania and Senegal, shifting the demand for small animals. Consequently, livestock prices are on the rise, while prices for locally grown grain crops are declining sharply.</td>
<td>Government-subsidized shops selling food at reduced prices are improving household consumption, especially for middle-class customers who have consistent purchasing power. The outbreak of Rift Valley Fever is reportedly under control; households in Adrar and Inchi have a renewed sense of confidence and have resumed drinking milk and eating meat. Households in most food-insecure areas have reported cutting food intake, consuming less preferred foods, skipping meals, and migrating en masse.</td>
<td>The GAM prevalence recorded in January 2011 was highest in the northern region of the country. Food security has slightly improved as a result of the current harvests of flood-recession crops and good agricultural performance, as well as improved terms of trade for pastoralists. Household food security is consistent with normal seasonal trends, except among the poor of the central river valley, the western agro-pastoral zone and the southeast. Current conditions are expected to improve progressively between July and September, as favourable rains are forecasted.</td>
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### West Africa

#### Senegal

- **Countries (A):** Senegal
- **Context (B):** Food security trends
- **Rainfall & Production (C):** Agricultural production is strictly linked to rainfall; as such, the harvest season usually takes place from September to November. Senegal experienced two consecutive record harvests in 2009/10, where production was estimated to be 29% above average and just 5% below the bumper crop of the previous year. The country also had sufficient levels of rice and maize imports in the first half of 2011. However, the current agricultural season is causing concern because the rains, previously expected in June, arrived late.
- **Prices & Purchasing Power (D):** The price of imported rice has remained unchanged in the second quarter compared with the first; prices are 8% higher than in 2010 and 34% above the five-year average. Overall output of off-season harvests, mainly rice and garden products (tomato and onion), are improving purchasing power by providing an important source of income and food for most rural and peri-urban households across the Senegal River valley and Niayes region.
- **Food Consumption & Coping Strategies (E):** During the current lean season (May to October), poor households are using adverse coping strategies such as reducing meals and/or the quantity of food consumed.
- **Health & Nutrition (F):** According to DHS-MICS of 2011, malnutrition trends worsened, with MAM rates of 10.5% reported. Note that malnutrition is mainly concentrated in the eastern part of the country (Matam and Tambacounda) and is mainly caused by poor hygienic, traditional beliefs and poor care practices.
- **Food security trend and outlook (G):** Food insecurity remains prevalent particularly in the Casamance and eastern part of the country. Ziguinchor region records the highest prevalence of food insecurity with 46.6% of rural households having poor food consumption. As the lean season peaks, the food security situation is likely to slightly deteriorate in the next 3 months because of depleting stocks and an uncertain harvest.

#### Middle East, North Africa and Central Asia

#### Egypt

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Food Security Trends (January-August 2011)

Countries to be closely monitored:

Food Security Trend (January-August 2011)
- Improving
- Stable
- Deteriorating

Food Security Outlook (3 months)
- Improving
- Stable
- Deteriorating

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<td><strong>KYRGYZSTAN</strong></td>
<td>- Global Update - Food Security Monitoring - Prices &amp; Purchasing Power - Health &amp; Nutrition - Rainfall &amp; Production - Countries - Context - Food Consumption and outlook (G) &amp; Coping Strategies (E)</td>
<td>- Areas cultivated with wheat have decreased by 27% between 2002 and 2010, reflecting a significant shift towards more profitable crops such as oilseeds and cotton. In 2010/11, the area planted with winter cereal crops (mainly wheat) fell by 4% because of erratic rainfall during the October to November planting period. Production is forecast to decline. Winter wheat normally accounts for 60% of annual production. Rainfall was adequate during the April to May 2011 spring crops planting season. Total cereal production is set to reach 1.5 million mt, about the same level as last year. 30% more land has been sown with oilseeds and cotton. Cereal import requirements, mostly wheat, are estimated at 437,000 mt for the 2010/11 marketing year. This is 20% higher than last year because of an increase in consumption needs and stock replenishment, combined with stable cereal production.</td>
<td>- Between the first and second quarter of 2011, prices of wheat - the main staple - increased by 7% and they were 49% higher than the same period last year. On the other hand, milk prices are 11% lower compared with last year. Kyrgyzstan, like other neighbouring countries, has been affected by Russian and Kazakh export bans on petroleum products, and by Russian ban on wheat export which have led to higher fuel and food prices. Remittances play an important role in the country: total remittances rose by 25% in 2010 as the Russian economy recovered from the 2009 global financial crisis. Russia was the source of 90% of the total value of remittances in 2010. Household purchasing power has fallen as a result of the rise in main staple food prices, which has not seen a commensurate improvement in the minimum wage and pensions.</td>
<td>- An emergency assessment in February 2011 found that 26% of households were consuming an inadequate diet 8% of households had poor food consumption and 18% had borderline consumption. These proportions are higher than those of August 2010 in the midst of the crisis, which shows that even though the political situation has stabilized, households are still struggling with the aftermath of the conflict and the seasonal exhaustion of food stocks during the winter months. A quarter of severely food insecure households were found to use negative coping strategies to meet food shortfalls, such as spending days without eating, skipping meals and reducing meal size. These strategies pose health and nutritional risks.</td>
<td>- Health &amp; Nutrition information was not available for this reporting period.</td>
<td>- Despite the stable security situation, food security has deteriorated because of rising food prices and households’ diminished capacity to cope in the aftermath of the crisis. More than 760,000 people are said to be severely food insecure, mainly in Osh, Jalalabad, Balken, and Chuy. The situation is expected to improve with the wheat and potato harvest this quarter and the lifting of the Russian export ban on wheat.</td>
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<tr>
<td><strong>LIBYA</strong></td>
<td>- Middle East, North Africa and Central Asia</td>
<td>- Weather and vegetation conditions have been generally adequate since the start of the growing season last October (2010). The main limitations on agricultural production and the livestock sector are the massive departure of foreign workers, which has reduced the availability of labour, and inputs due to interrupted supply channels and suspended access to the agricultural subsidy system, particularly in opposition-controlled areas. Consequently, agriculture and livestock production is expected to decline this year.</td>
<td>- Inflation is forecast to rise to 6.1% in 2011 based on the assumption that the ongoing conflict and increased international food prices will create large food shortages. In all areas visited, fuel shortages were a big problem, causing the closure of some petrol stations and queues at others. In government-controlled areas, a fuel consumption quota system is in place. Public transport costs have tripled, restricting access to services such as hospitals. Payment of civil servants in the government-controlled areas may have been delayed, while the transitional National Council in opposition-controlled areas lacks funds to pay civil servants. 70% of the labour force is employed by the state.</td>
<td>- The ongoing social and political turmoil is restricting food access for large numbers of people in the western parts of the country. According to recent rapid assessments, the conflict has disrupted supply links, leading to shortages of food and other basic commodities. Food stocks are rapidly being depleted in the absence of any pipeline to replenish them. In Nafusa Mountains, food security gaps and medical needs are of special concern.</td>
<td>- There are health and nutritional concerns, following the disruption of various social services; water supplies are currently disconnected in major eastern cities, while health facilities have suffered a lack of medicinal supplies and the departure of health staff. In eastern Libya, many clinics relied on foreign staff who have since fled the crisis.</td>
<td>- Due to the continuing unrest, the food security situation is deteriorating, with significant and protracted implications within and beyond the region. Massive population displacement and the disruption of food supplies have reduced food availability and physical access to cooperatives and shops. Rising food prices have limited access even further; the most vulnerable households are those internally displaced (national and foreign migrants), residents living in conflict zones or in areas that have been cut off from trade links, and households depending on income from the public sector.</td>
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<td>OCCUPIED PALESTINIAN TERRITORY</td>
<td>Due to protracted conflict, the occupied Palestinian territory (oPt) faces serious socio-economic challenges. Israel’s blockade of the Gaza Strip, in place since 2007, has included extreme restrictions on the entry of goods and movement of people, as well as a virtual halt to exports. Since 2008, access to 35% of the Gaza Strip’s agricultural land and 85% of its fishing zone has been curtailed, severely damaging livelihoods. Three quarters of the Gaza population continues to depend on assistance. In the West Bank, slight improvements in the socio-economic status are likely due to increased economic growth, continued donor support and some easing of Israeli restrictions. However, the sustainability of these improvements is still unclear given the high dependency of the economy on external budgetary support as well as the lack of sovereignty over imports and exports.</td>
<td>The sporadic and delayed rainfall in the West Bank during the 2010/2011 rainy season has impacted the wheat and barley harvests in most of the West Bank. Hebron and Governorate have been the worst affected, receiving just 45% of their normal rainfall. As a result, only 60% of the agricultural areas have been planted, leading to a 40% cereal loss compared with the long-term average. However, local production of wheat covers just 4% of Palestinian consumption requirements, and local pulses cover just 2%. Being a net food importer, oPt is highly vulnerable to fluctuations in global food prices and income.</td>
<td>The Consumer Price Index (CPI) rose rapidly between 2007 and 2008/2009. It shot up again in 2011 as a result of the high food and fuel price increases on the international market. Between the first and second quarter of 2011, the price of wheat flour remained stable but was still 47% above the five-year average.</td>
<td>In the West Bank, 11% of households had poor food consumption and 18% had borderline consumption. In the Gaza Strip, 10% of households had poor food consumption while 19% were borderline. Food assistance remains a crucial complement to the food basket for food-insecure households, enabling them to have an adequate diet in terms of quantity and diversity. In June 2011, the proportion of households that consume foods of lower quality increased from 32% to 52.5% when compared with June 2010. Expenditure levels at the household level did not change.</td>
<td>The movement of people from Gaza through the Erez crossing continues to be blocked thus affecting people requiring medical care. Medical equipment, supplies and spare parts are all difficult to obtain, while services such as water and sanitation cannot be improved or even properly maintained.</td>
<td>High levels of food insecurity persist in the Gaza Strip. A study carried out in March 2011 found that food insecurity remains unchanged at 54% compared with 2010. In the West Bank, food insecurity affects 22% of households, and only the situation in the Central West Bank has improved. Food insecure households are still characterized by low levels of income because of a lack of jobs, business and investment opportunities.</td>
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<tr>
<td>MIDDLE EAST, NORTH AFRICA AND CENTRAL ASIA</td>
<td>A strategic country in the Middle East, Syria has been hit by a wave of civil unrest known as the ‘Arab Spring’. The protest started in Tunisia and spread to Egypt and other Middle East and North African (MENA) countries. Since the unrest started on 26 January, the security situation has been deteriorating rapidly. The protests had escalated to an uprising by 15 March 2011. There are reports of violence against civilians; however, restricted access has made it difficult to adequately assess humanitarian needs. By June 2011, at the peak of the crisis, over 20,000 Syrians had fled to Turkey, Lebanon and other neighbouring countries. Syria has suffered from four years of consecutive drought, particularly in the north-eastern regions. The country also hosts one of the largest urban refugee populations in the world, composed of one million Iraqis.</td>
<td>The rainy season started 3 to 4 weeks late at the beginning of December, and dry spells persisted during the first three months of 2011 in most areas. Crop production is therefore expected to be below average. The overall wheat and barley production is estimated to be 9% below last year’s output. Wheat and barley imports are still 10% lower than in 2009/10 when stocks were replenished to offset the impact of the drought-damaged 2008/09 winter season crops. This year, rice imports are forecast to be 330,000 mt, similar to the high levels of the previous two years. Consistently high levels of imports are partly in response to the additional demand from the large Iraqi refugee population.</td>
<td>Food price inflation reached its peak in December 2010, and in January 2011 it was nearly twice (13%) the January 2010 level (7%). Since then, prices have started to decline and in March 2011, the overall food price index fell by 3.7%. Prices fell for vegetables (-8.7%) and meat (-2.7%). The price of bread and cereals remained stable.</td>
<td>Information on Food Consumption &amp; Coping Strategies was not available for this reporting period.</td>
<td>Health &amp; Nutrition information was not available for this reporting period.</td>
<td>In the context of the current political and social unrest, economic growth is likely to drop by at least 1% this year, with implications for the medium and longer-term food security trends in the country. Food prices may also rise if the unrest disrupts distribution channels and causes severe localized food shortages in the main markets.</td>
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South Sudan gained independence from Sudan on 9 July 2011. The new nation stands to benefit from inheriting the bulk of Sudan’s oil wealth. However, in the short term, continuing political disputes, regional conflicts and a lack of economic development may increase the food insecurity of both countries. Sudan continues to be affected by the conflicts in Darfur which has created two million IDPs.

An estimated 1.7 million people have been hit by drought in parts of Darfur, North Kordofan, Red Sea, Blue Nile, White Nile and Kassala states. In addition, 30,000 Sudanese have returned from Libya following the recent crisis in North Africa.

Tajikistan achieved peace after 1997, having suffered a brutal civil war immediately after independence (1992 to 1997). Early emigration was motivated by the war, while more recent migration has been caused by economic factors. Remittances from migrant labour have therefore been one of the drivers of Tajikistan’s robust economic growth. These remittances, key to poverty reduction, are expected to increase this year because of Russian economic growth which is set to reach 4.4%, resulting in more job opportunities and higher real wages. Even so, Tajikistan still has high levels of poverty and remains the poorest of the CIS countries and among the most fragile in socio-economic terms.

In May, the government allocated US$58 million to food and fuel subsidies to mitigate the effects of high food and fuel prices.

Seasonal snow/rainfall were below average between October 2010 and March 2011. In many cities this had a negative impact on the first major cropping season (winter wheat, barley, rice, maize, and cotton) and on the planting of the second season summer crops (wheat, barley, some maize and cotton). Higher than usual locust infestations damaged 153,100 hectares of agricultural land, brought by above average temperatures over the spring period. Last year 86,000 hectares of land was infested by locusts. Early forecasts predict a smaller 2011 crop production in several districts; wheat output is set to be 20% lower and maize 17% below the bumper output of the last two years. Wheat production is expected to fall by 200,000 mt in the 2010/11 marketing year compared with the previous year, which will be partly offset by greater wheat imports of 120,000 mt.

Between April and June, national wheat prices rose by 14% compared with the previous quarter. Wheat is currently 245% above the five-year average. This rise is driven by more expensive wheat imports from Kazakhstan and higher fuel prices in Russia. Tajikistan relies on Russia for its petrol supply. In May, the Russian government increased petrol export duty by 44%, pushing up fuel prices in Tajikistan.

Remittances from Russia play an important role in the country. Around 67% of families use remittances to buy food, which helps to offset the effects of the high food prices. The amount of remittances between January and May 2011 were between 28 and 31% higher in value than in the same months in 2010. This is attributed to the increased demand for labour from the growing Russian economy.

In March 2011, 10% of households had poor food consumption, slightly higher than in December 2010 (7.5%). The Coping Strategy Index in February 2011 was lower than that of the same period last year (showing a reduction in use of adverse coping mechanism).

Malnutrition based on MUAC among IDPs in Darfur states remained stable between February and May 2011, but the situation is better than the same period last year. There has been a slight deterioration among the mixed communities in West and South Darfur states during the same reporting period.

Across the states, 2% of IDP children have been classified as malnourished, with figures in both North and West Darfur reaching 6%. Nine percent of children are moderately malnourished in South Darfur.

Overall food security has deteriorated in Darfur despite the good 2010/2011 season and improved terms of trade for livestock owners. This is because of the increased cost of the minimum healthy food basket, which has led to a drop in purchasing power among all community groups in Darfur.

Food security is likely to deteriorate over the lean season (August to October) because of reduced household food stocks and the seasonal rise of food prices generated by transport problems during the rainy season.

Food security in Abeyi and South Kordofan will remain fragile in the next season because the security situation will restrict local cultivation.

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Health & Nutrition

Food consumption score has remained relatively stable compared with February 2011, with slight changes across the different states and community groups. In West and South Darfur, food consumption has improved considerably among IDPs in camps. Moreover, in North Darfur, the situation for IDPs has also improved, with a shift of households from the poor to the borderline food consumption category. At the same time, the use of adverse coping strategies has increased in May 2011 compared with February 2011. In the lean season, with limited options for income generating activities, a higher percentage of households are forced to adopt some type of coping strategy. The most significant change was observed in IDP camps in South and North Darfur (23% recorded using high coping) and in the mixed communities in North Darfur.

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See Legend of table on page 2
Food security trend and outlook (G)

Libyan refugees, dependent on food assistance, have had to eat less traditional and less diversified diets: less meat and milk, mostly pasta and less couscous, fewer vegetables and almost no fruit. To cope, refugees are progressively exhausting their limited cash reserves, selling jewellery or mobile phones, borrowing, and reducing frequency of meals to just twice a day.

Fuel shortages have disrupted pumping station operations, causing water shortages throughout the country. Many households have no access to water or are relying on unsafe water sources, thereby increasing the risks of disease. In April, a cholera outbreak in southern Yemen caused 1,056 cases of diarrhoea.

The increasing civil unrest has severely damaged food security in Yemen, the poorest country of the region. The provision of humanitarian assistance is impeded in many areas by the volatile security situation and fuel shortages: in Sa’ada, an area suffering from a prolonged conflict, 14,000 households require food assistance but cannot be reached because of a lack of fuel. In the coming months, Yemen is likely to continue to suffer from clashes between the government and the opposition, together with limited food, fuel, and water. Emergency humanitarian assistance will be required to prevent large-scale consumption deficits and a deterioration in health and nutrition.

Food security is deteriorating as a direct result of the influx of refugees from the Libyan crisis. Libyan refugees hosted by the poorest communities in the country are at high risk of food insecurity because they depend entirely on external aid. The coming months will see an increase in the burden for both host and refugee communities.

Refugee families are having to purchase mineral water because from taps in Tatsouine town and from wells in rural areas is not potable and is causing illness. Cases of diarrhoea among refugees (adults and children) are regularly reported to the Tunisian Red Crescent medical services. There are no significant reports of malnutrition at this stage; nevertheless, the lack of milk, particularly for infants, is widespread. Almost all young children are receiving less milk than required. These shortfalls, if continued, will lead to malnutrition.

The inflation rate in the food sector remained largely stable in the first quarter of 2011. The year-on-year inflation rate was 3% in April 2011, which reflects the average fluctuation between 2003 and 2009.

Prices in Tunisia have slightly risen because of increases on international markets. The cost of the main staple, imported wheat, is therefore higher. Rice, maize and other grains are also more expensive. Purchasing power for the large influx of refugees has deteriorated as they have lost productive assets and income sources. Most refugees are government employees but their bank accounts have been frozen and salaries suspended. Tunisian households have also suffered a reduction in income from remittances.

The increasing civil unrest has severely damaged food security in Yemen, the poorest country of the region. The provision of humanitarian assistance is impeded in many areas by the volatile security situation and fuel shortages: in Sa’ada, an area suffering from a prolonged conflict, 14,000 households require food assistance but cannot be reached because of a lack of fuel. In the coming months, Yemen is likely to continue to suffer from clashes between the government and the opposition, together with limited food, fuel, and water. Emergency humanitarian assistance will be required to prevent large-scale consumption deficits and a deterioration in health and nutrition.

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With the crisis unfolding, assessment activities have been restricted; however, several monitoring reports have confirmed a severe deterioration in food availability and access. Many households are returning to harmful coping strategies such as reducing the number of meals, eating lower-quality food, selling productive assets and going days without eating. Some households have attempted to go to Saudi Arabia in search of work, but the border is closed and has been heavily guarded since the unrest began.

Oil pipelines were attacked by opposition groups in March, leading to fuel shortages and a subsequent rise in fuel prices throughout western Yemen. Disruptions in market networks have more than doubled food prices in the capital Sana’a compared with the same time last year. On average, imported wheat prices were 77% higher in June compared with April and they were 117% above the five-year average.

This has compromised the ability of households to meet their basic needs, especially for food, water and even fuel. More recent clashes in urban areas have displaced 60,000 people in southern Yemen, Aden, Lahj and Abyan. Yemen imports more than 90% of its cereal requirements, primarily through the southern port of Aden, so the country is very vulnerable to market disruptions.

In 2010, Yemen produced a bumper harvest, 40% above the five-year average. This helped reduce import requirements for 2010/11 by 10% compared with the previous year.

This year, the late onset of rains in the highlands and the below normal rainfall in some parts of the country had an impact on the first harvest of sorghum and millet in June. Since then, rainfall conditions have improved and prospects for the second harvest scheduled for September look good.

See Legend of table on page 2
## Afghanistan

Afghanistan continues to suffer the aftermath of several decades of violent conflict, from civil wars to the recent “war on terror”. This situation has been compounded by natural disasters and extreme weather conditions. Also, the country’s limited infrastructure hampers effective recovery and development. Population displacements have reached record highs, mainly in the south and west. Estimates from June 2011 indicate that 438,000 people have been internally displaced since 2001. These events have left large populations chronically vulnerable to food insecurity, increasing their dependence on humanitarian assistance.

### Context

- **Rainfall & Production**
  - Below normal snow during winter and poor rains during the spring resulted in lower than average harvests and pasture conditions, mainly in the Northern, Northeastern, Western and Central Highlands regions.
  - The lack of rainfall and smaller planted areas in the grain basket of the north and west, means that 2011 wheat production is expected to be 25% less than the 2010 harvest.

### Prices & Purchasing Power

- The national average prices of both wheat and rice have gone up by 8% from the previous quarter. Compared with the five-year average, wheat prices are up by 87% and rice prices by 30%. This is due to a newly imposed export tax on commercial goods by neighbouring Pakistan and the continued increases in imported wheat prices from Kazakhstan.
  - Furthermore, wheat production is forecast to be lower as a result of the snow and rain in the winter and spring.
  - Households that rely on casual labour had better purchasing power in June 2011 compared with the first quarter of the year, because of a seasonal increase in wages.
  - The terms of trade between casual labour and wheat prices rose by 6.6% between May and June 2011, which is when winter wheat is harvested. However, terms of trade are 19.6% lower than last year.
  - The purchasing power of pastoralists when buying bread and wheat flour deteriorated by 2% between May and June 2011. It is 22% lower than last year.

### Health & Nutrition

- Malnutrition is a serious problem in Afghanistan. According to the CAP 2011, more than half of children under 5 are stunted, and micronutrient deficiencies of iodine and iron are widespread. It can be assumed that the nutrition situation is getting worse because of low food production, limited access to food, and poor water and health infrastructure.

### Food security trend and outlook

- The overall food security situation has deteriorated because of increased insecurity, the smaller domestic winter wheat harvest and high food prices. An estimated 7 million people are currently food insecure, mainly in the north, northeast and central regions, as well as in Ghor Province. This figure could rise to 10 million as a result of the unfavourable weather conditions. However, an export ban on petroleum implemented by Kazakhstan is due to be lifted in October, which will alleviate high petrol prices. The upcoming maize and wheat harvest in September is also expected to improve the current situation.
Despite considerable economic progress in recent years, pockets of poverty and food insecurity remain in Cambodia, particularly in rural areas. The country is also highly prone to severe floods and droughts. At the end of April, clashes along the Thai and Cambodian border at Cidar Village in Takeo province on the north-west frontier displaced 45,000 people to 13 camps. Following improved security conditions, IDPs returned home in early May. However, the situation remains volatile.

CAMBODIA

In the second quarter, national rice prices fell by 1% compared with the previous quarter. Rice prices have generally remained stable because of an increase in production in 2011 and moderate export demand from surrounding Thailand and Vietnam. Rice is, however, 13% more expensive than during the same period last year. The purchasing power of vulnerable households varied in June. While the terms of trade for unskilled wages and low-quality rice in rural areas increased by 32% year-on-year, urban households wages failed to keep pace with rice prices, and their terms of trade fell by 11.3%. Better purchasing power in rural areas is likely being driven by a higher demand for agricultural labour which is in turn pushing up wages.

Sixteen million people depend on the Public Distribution System (PDS) to meet their staple food consumption. The current situation is similar to that of 2008. The average ration level is 381 g per person per day. In practice, the ration is adjusted from month to month based on the available budget to have poor food consumption while two thirds of households interviewed reported reducing portion sizes at mealtime at least once a week. About 75% said they added more water to increase the volume of the food. The majority (62%) gathered an unusual amount of wild food. Access to wild food and fish is generally limited to households living in the mountains or coastal areas. Urban households are particularly reliant on relatives living in farmer cooperatives.

Sixteen million people depend on the PDS to meet their staple food requirements. In theory, the average cereal ration is 573 g per person per day. In practice, the ration is adjusted from month to month depending on availability. For 2011, the average ration level is 363 g per person, which is 54% of the minimum daily energy requirement. Even at this low level, national stocks were forecast to run out by May 2011. Among 122 households interviewed in February 2011, 77% were found to have poor food consumption while 19% were considered borderline. Though not representative of the whole country, the survey illustrates the severity of the situation. Nearly two thirds of households interviewed reported reducing portion sizes at mealtime at least once a week. About 75% said they added more water to increase the volume of the food. The majority (62%) gathered an unusual amount of wild food. Access to wild food and fish is generally limited to households living in the mountains or coastal areas. Urban households are particularly reliant on relatives living in farmer cooperatives.

The food security situation has been deteriorating since 2010 and continues to be alarming in 2011. Six million vulnerable people are in urgent need of international food assistance because of a large drop in agricultural production and commercial imports, as well as a decrease in or curtailment of bilateral assistance. Recent dramatic flooding east of Pyongyang caused widespread damage to farmland and displaced populations when rivers burst their banks. The impact on the September harvest is set to be significant.
The overall food security situation has improved as a result of above average rice production which has offset the impacts of rising food prices. However, there is increased food insecurity in areas where floods or droughts have devastated crops; this is particularly the case in affected areas of NTT.

Myanmar is one of the most remote, poor, and densely populated areas of the country. It’s acute need for humanitarian assistance is characterized by chronic malnutrition, low income, and very weak infrastructure. The region is particularly vulnerable to above mentioned natural disasters which often block physical access.

Terms of trade vary across the country because of variations in rice prices. Higher rice prices are impeding food access for vulnerable populations. The price of rice rose 11% in the second quarter compared with the first. In the second quarter, the rice purchasing power of women casual labourers improved by 11% compared with the first quarter, largely attributed to an increase in wages.

In recent weeks, Myanmar has been hit by a major water crisis resulting from the abnormally hot weather and an increased damming of rivers. The shortage has affected major towns in Sagaing, Bago and Irrawaddy divisions, and Rangoon. Access to safe drinking water is a serious concern, particularly in the Northern Rakhine State where every third household is reportedly at high risk of consuming contaminated water. This lack of potable water is a serious health risk.
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<td>NEPAL</td>
<td>Since 1996, Nepal has made considerable progress in improving social and human development indicators such as life expectancy, mortality rates, poverty incidence, and adult literacy. Improvements have been made despite a decade-long internal conflict which is still largely unresolved, although negotiations are ongoing. The country is currently experiencing challenges around the national voter registration campaign for the next general election, scheduled for 2012. Nepal remains one of the poorest and most food-insecure countries in Asia. In recent years, the combined effects of natural disasters, high food prices, and a stagnant economy have increased food insecurity among the most vulnerable population groups, particularly in the remote districts of the East and Mid-Western Hills and Mountains. The June to September monsoon season often triggers floods and landslides. This year, the monsoon rains caused damage in 14 districts across the country. The Terai lowlands were the worst hit by the floods, with damaged roads, obstructed transport, interrupted telephone services, broken electricity supplies, and inundated fields. An estimated 200,000 people were directly affected by this year’s monsoon, both in Nepal and in neighboring India.</td>
<td>The 2010/11 major summer crop production increased: paddy rose by 10.9%, maize by 11.5%, and millet by 1.0%. The winter crop (mainly wheat) is also likely to be higher than last year, due to extended monsoon rains in 2010 which kept the soil moisture favourable for germination, and good rainfall between January and February 2011. Overall, a very marginal surplus in Nepal’s 2010/11 cereal balance is expected against the record deficit of 330,000 mt (6.2%) registered last year. In spite of good national production, some areas in Nepal are likely to face food deficits, particularly in the Eastern Terai districts of Saptari and Siraha, and in the Mid- and Far-Western Hills and Mountains. This is because of the large geographic disparities in production and yields.</td>
<td>Despite a good harvest, wheat flour prices rose by 9% in the second quarter compared with the first. Rice prices went up 4% during the same period. Compared with the five-year average, the prices of rice and wheat flour rose by 73%. However, wheat flour prices are expected to fall following a bumper winter season harvest and the lifting of India’s four-year ban on grain exports. Since many flood-affected households in the Terai lowlands have lost their assets, they may see a severe drop in their purchasing power. In the areas with a localized food deficit, households have started to consume a poor and inadequate diet. They are resorting to negative coping strategies such as reducing the size of their meals, opting for less preferred food, borrowing more and selling their assets.</td>
<td>Health &amp; Nutrition information was not available for this reporting period.</td>
<td>Overall, the food security situation has improved mainly due to the good summer and winter harvests. However, pockets of food insecurity remain in areas where the summer crops were damaged, e.g., Eastern Terai districts of Saptari and Siraha, and in the Mid- and Far-Western Hills and Mountains.</td>
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<td>ASIA</td>
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<td>NEPAL</td>
<td>The overall weather conditions were favourable for winter wheat production. Wheat planting increased, particularly along the Indus river banks, which were covered with fertile silt deposits following the flash floods of 2010. The 2011 winter wheat harvest is expected to be 3% higher than last year and close to the record level of 2009. Wheat is the main staple food and accounts for 37% of the total dietary energy supply. Large stocks and good pre-flood wheat production have covered the national wheat requirements from May 2010 to April 2011 (estimated at 25 million mt).</td>
<td>In the second quarter of 2011, national wheat flour prices fell by 2%, and the price of rice remained unchanged compared with the first quarter. Wheat flour prices are currently 120% higher than the five-year average, and rice is 135% more expensive. The government removed fuel subsidies in January, resulting in a 5.7% increase in petrol prices between April and May 2011. Over the first quarter of 2011, casual labourers saw a decline in their purchasing power because of a 13% cut in wage rates. In March, the amount of wheat flour that could be purchased with the daily wage fell by 11% compared with January. The situation for wage labourers improved in the second quarter; their purchasing power rose by 26% partly because of a higher demand for labour during the harvest season.</td>
<td>In the aftermath of the flood, 27% of households had poor food consumption and 19% had borderline consumption. Additionally, between 55 and 80% of households lost all their food stocks.</td>
<td>Health &amp; Nutrition information was not available for this reporting period.</td>
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<td>PAKISTAN</td>
<td>Pakistan is the largest food exporter in the region after Kazakhstan, and it therefore plays a critical role in the food security situation across the entire region. However, Pakistan’s economy has faltered in the face of recent security challenges, which have been exacerbated by macro-economic instability, massive power shortages and the food and fuel price crises of 2008. Consequently, there has been a sharp decline in food security for millions of Pakistanis: unemployment has increased and wage rates have not kept pace with inflation, especially in staple food prices.</td>
<td>Pakistan is also vulnerable to natural disasters, with a history of drought, earthquakes, floods and landslides. In recent years, recurrent flooding has caused severe damage. In late-July 2010, heavy monsoon rains – reportedly the worst since 1929 – flooded one third of Pakistan and affected 18 million people, causing significant loss of life, destroying homes and livelihoods, and displacing populations. Flash floods are forecast for the 2011 monsoon season from June to September, causing renewed concern for communities struggling to recover.</td>
<td>In the second quarter of 2011, national wheat flour prices fell by 2%, and the price of rice remained unchanged compared with the first quarter. Wheat flour prices are currently 120% higher than the five-year average, and rice is 135% more expensive.</td>
<td>The food security situation has remained largely stable due to the successful winter harvest, except populations who remain displaced or without shelter following 2010 floods. However, short-term gains made in the first half of 2011 may be reversed with the threat of new flooding in the coming months, ongoing conflicts and rising food prices.</td>
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## Bolivia

**Food Security Monitoring**

**Prices & Purchasing Power**

- Total cereal production in 2010 (winter and summer harvests) was estimated at 2 million mt, 6% higher than the 2009 harvest. This was mainly thanks to higher rice yields.

**Health & Nutrition**

- In 2010, the country was hit by torrential rains, floods, landslides and a volcanic eruption, leaving 330,000 people in need of food assistance.

**Rainfall & Production**

- The medium-term forecast for the first rainy season (May to July) predicted average or above average rainfall. Seasonal rainfall in May maintained sufficient soil humidity conditions and provided favourable planting conditions. However, heavier rainfall is now forecast, threatening crops planted near rivers and on steep slopes at risk of landslides.

- August has already brought excessive rainfall: southern areas saw 20% more rain than average, and 40% more fell in northern zones.

- The maize and bean production in the so-called "Dry Corridor" is expected to improve in comparison with 2010. However, production might be hampered by higher fertiliser prices, which are 26% more expensive than last year.

- National maize prices increased by 15% compared with the previous quarter. Prices in the second quarter of 2011 are 52% higher than during the same period last year. The basic food basket rose by 2% between December and April, but this has been partially offset by an increase in the minimum wage. Food prices are set to keep rising, so the difference between the cost of food and the minimum wage is projected to widen rapidly during the coming months.

- This will likely reduce the purchasing power of the most vulnerable households.

- The 2009 drought and Tropical Storm Agatha in 2010 increased acute malnutrition among children under 5. Between January and July 2011, 7,743 acutely malnourished children under 5 were detected and registered for treatment (85% moderate and 37% severe acute malnutrition). There is a high risk of nutritional deterioration in the provinces of Zacapa, Chiquimula, San Marcos and Baja Verapaz, according to the latest survey conducted by the Ministry of Health on the malnutrition rate per 10,000 inhabitants.

- With support from the international community, including WFP, the Ministry of Health has strengthened its surveillance system and introduced the community-based treatment of acute malnutrition. The Hospital Protocol attends severe cases with medical complications.

**Food Consumption & Coping Strategies**

- A combination of heavy rains, drought and the huge landslides in La Paz generated a massive loss of livelihoods and displaced hundreds of families. A recent assessment in the drought-affected region of El Chaco identified 50,000 people as food insecure, mainly because of deficient food consumption.

- In April, 2,780 families in the regions of northern Pando, Beni, and Riberalta were displaced by floods. According to WFP assessments, most of these families have adopted negative coping strategies such as reducing the number and quality of meals, migrating and selling assets.

- The beginning of 2011 saw an outbreak of dengue. Local health authorities report that the outbreak could be worse than that of 2009 when 84,000 cases were reported in one year. Confirmed cases of dengue throughout the country already number over 24,000. The Department of Santa Cruz has the most reported cases.

- Frequent extreme weather events continue to compromise the food and nutritional security of the vulnerable population, particularly of those located in the highlands and lowlands. However, in June 2011 the government approved the "Community Productive Revolution Law" in an effort to stabilize food prices and provide food assistance to emergency-affected populations. This measure has helped protect the population from a further erosion of their food security.

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<table>
<thead>
<tr>
<th>Countries (A)</th>
<th>Context (B)</th>
<th>Rainfall &amp; Production (C)</th>
<th>Prices &amp; Purchasing Power (D)</th>
<th>Food Consumption &amp; Coping Strategies (E)</th>
<th>Health &amp; Nutrition (F)</th>
<th>Food security trend and outlook (G)</th>
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<tr>
<td><strong>BOLIVIA</strong></td>
<td>- Bolivia is one of the poorest countries in South America. Almost 50% of its indigenous population live below the poverty line. The majority of indigenous people are small subsistence farmers, dependent on rain fed agriculture with poor natural resources. Recurrent natural disasters and rising food prices have exacerbated hunger and malnutrition in Bolivia. This year has not been an exception, with 20,000 households hit by flooding in the El Chaco region, 1,500 affected by a large landslide in La Paz and many others suffering from a snowstorm in the southern region of Potosí department. In May 2011, a man-made diversion of the Pilcomayo River deterred fish from moving upstream, reducing the catch, hence affecting the livelihood of 5,000 poor families dependent on fishing.</td>
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<td><strong>Latin America and the Caribbean</strong></td>
<td>- The 36-year civil conflict ended in Guatemala in 1996. Even so, the country continues to be plagued by extreme social inequalities and widespread poverty, particularly among indigenous communities. Rates of illiteracy, infant mortality and malnutrition are among the highest in the region. The country also has the highest crime rate in the region, and is beset by organised crime and violent street gangs.</td>
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| **GUATEMALA** | - In 2010, the country was hit by torrential rains, floods, landslides and a volcanic eruption, leaving 330,000 people in need of food assistance. This year, the June to November Atlantic hurricane season is expected to bring more hurricanes than is usual. Such intense weather conditions could damage crops and reduce market access. Floods have also affected 1,600 people in Baja Verapaz, who need close monitoring. | - The medium-term forecast for the first rainy season (May to July) predicted average or above average rainfall. Seasonal rainfall in May maintained sufficient soil humidity conditions and provided favourable planting conditions. However, heavier rainfall is now forecast, threatening crops planted near rivers and on steep slopes at risk of landslides. August has already brought excessive rainfall: southern areas saw 20% more rain than average, and 40% more fell in northern zones. The maize and bean production in the so-called "Dry Corridor" is expected to improve in comparison with 2010. However, production might be hampered by higher fertiliser prices, which are 26% more expensive than last year. National maize prices increased by 15% compared with the previous quarter. Prices in the second quarter of 2011 are 52% higher than during the same period last year. The basic food basket rose by 2% between December and April, but this has been partially offset by an increase in the minimum wage. Food prices are set to keep rising, so the difference between the cost of food and the minimum wage is projected to widen rapidly during the coming months. This will likely reduce the purchasing power of the most vulnerable households. Food consumption fell during the reporting period because of the annual lean season, which started early than usual in March and will last in most areas until August. The traditional coping strategy is seasonal migration to Mexico. In the Altiplano (western highlands), which is extremely vulnerable to food insecurity, the poorest households will find it difficult to meet their food needs, even if they resort to negative coping strategies, particularly during the third and early fourth quarter. Their food consumption will only improve with the next harvest which should start at the beginning of November (one per year only). The 2009 drought and Tropical Storm Agatha in 2010 increased acute malnutrition among children under 5. Between January and July 2011, 7,743 acutely malnourished children under 5 were detected and registered for treatment (85% moderate and 37% severe acute malnutrition). There is a high risk of nutritional deterioration in the provinces of Zacapa, Chiquimula, San Marcos and Baja Verapaz, according to the latest survey conducted by the Ministry of Health on the malnutrition rate per 10,000 inhabitants. 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The Hospital Protocol attends severe cases with medical complications. | - The beginning of 2011 saw an outbreak of dengue. Local health authorities report that the outbreak could be worse than that of 2009 when 84,000 cases were reported in one year. Confirmed cases of dengue throughout the country already number over 24,000. The Department of Santa Cruz has the most reported cases. Frequent extreme weather events continue to compromise the food and nutritional security of the vulnerable population, particularly of those located in the highlands and lowlands. However, in June 2011 the government approved the “Community Productive Revolution Law” in an effort to stabilize food prices and provide food assistance to emergency-affected populations. This measure has helped protect the population from a further erosion of their food security. | - The deterioration in food security is attributable to the lean season but also to the persistently high food prices and the consequent reduction in purchasing power. In the coming months, unfavourable weather conditions may damage crops, which would also compromise Guatemala’s food security. Close monitoring during the lean season is essential. | | [See Legend of table on page 2](#)
### Haiti

Haiti is still struggling to recover from the devastating earthquake of January 2010, which impacted 3.5 million people and displaced 2.1 million. The country is also highly vulnerable to hurricanes, floods and the outbreak of disease.

The 2011 Atlantic hurricane season is forecast to be more turbulent than usual, which is a particular concern in Haiti in the context of the ongoing reconstruction efforts and a seasonal increase in reported cholera cases. There are still 595,000 IDPs living in displacement camps who will be very exposed to the heavy downpours.

Drought hit the northern parts of the country between November 2010 and August 2011, exacerbating an already precarious food security situation.

### Honduras

Honduras is extremely susceptible to hurricanes, floods, landslides and droughts. In 1998, Hurricane Mitch caused an unprecedented catastrophe, devastating lives, livelihoods, infrastructure and production systems. About 5,600 people were killed and 66% of the highway network was affected, isolating cities and productive zones. Those left homeless numbered 285,000, many of whom were unemployed and without a source of income.

Production and exports, economic growth, employment and revenue all fell the blow, and damages amounted to US$2 billion. Honduras may be affected by this year’s active hurricane season, which will last from June to November.

### Latin America and the Caribbean

Unusual weather patterns in 2010 hampered the production and productivity of basic grains. Losses in the second harvest season were 30% for maize, 24% for sorghum and 40% for beans. The maize deficit reached 200,000 mt, which represents 17% of total consumption requirements.

The past four years have seen a 30% reduction in maize yields caused by a fungal disease, with crops in the west and the highland of Comayagua worst affected.

Between December 2010 and March 2011, there was an influx of cold fronts and irregular rainfall. Improved rainfall in the second quarter created favorable crop conditions, and a better harvest is forecast for 2011.

Even so, the 2011 heat wave lasted longer than usual and could reduce crop yields in the first agricultural cycle.

The price of maize, the main staple, rose by 16% in the second quarter compared with the first because of the start of the lean season. Maize prices went up more than 30% between January and June 2011. Prices are 73% higher than last year as a result of the crop deficit in the 2010/11 marketing year.

The price of beans has shown an upward trend since last year. Between February and July 2011, a 23% increase was recorded. Maintaining unprecedented levels, beans are now 130% more expensive than in June 2010.

The start of the harvest period has pushed up demand for unskilled on-farm labour, providing additional income that could improve poor households’ purchasing power at a time when their own food reserves are depleted.

Households have run out of food stocks earlier than usual. The proportion of households with poor access to food, rose to 29% in March 2011 from 19% in October 2010.

The limited access was also reflected in a decline in food consumption. Over the same period, the proportion of households with poor or borderline food consumption increased from 14 to 22%. In March 2010, only 17% of households had an inadequate consumption.

Particularly in southern Honduras, households have adopted negative coping mechanisms such as changing their diet, selling assets, and migrating temporarily or even permanently.

### Food security trend and outlook (G)

Food security in most parts of the country should improve with the upcoming spring season harvest. Between January and June, remittances were 6.3% higher than in 2010.

However, in specific areas in the northern half of the country, the food security situation is expected to worsen dramatically over the coming months because of the extended drought conditions that have caused large crop production shortfalls.

Recurrent environmental disasters in the past two years are still damaging food security in Haiti, especially for the poorest households in a number of municipalities across the country. Close monitoring will be required throughout the imminent hurricane season.

### See Legend of table on page 2
Selected set of food security monitoring indicators and their application

i. **Context (column B)** describes the political and socio-economic context and highlights recent shocks and risk factors.

ii. **Rainfall and production (column C)** provides an overview of the rainfall situation in the context of the agricultural seasons and indicated (expected) levels of production at national or sub-national level.

iii. **Prices and purchasing power (column D)** gives an overview of retail food price of the second quarter 2011 compared to the first quarter 2011 and to the five year average. Terms of trade are used as a proxy for purchasing power.

iv. **Food consumption and coping strategies (column E)** Food consumption denotes the quality and quantity of food consumed by a household. The Food Consumption Score (FCS) is a composite score that is a good proxy of food consumption and dietary diversity. Coping strategies are adopted by households under stress to mitigate food consumption shortfalls. The Coping Strategies Index (CSI) is used as a composite index measuring the severity and frequency of strategies that households are applying.¹

v. **Health and Nutrition (column F)** highlights if there is a (potential) deterioration of the health situation, which could impact on nutrition. Nutrition is the outcome of the individual food intake and health status of a person. Indicators reported include wasting and MUAC which reflects acute malnutrition. Stunting reflects chronic malnutrition.

¹. For further guidance on FCS or CSI, please refer to the CFSVA handbook: http://www.wfp.org/food-security/reports/CFSVA. Caution should be applied when drawing conclusions of a more generalized nature as data is often collected from a limited number of sentinel sites (please refer to the original source for further information on coverage/methods).

Acknowledgements

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## Abbreviations and Acronyms

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<th>Description</th>
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<tr>
<td>AfDB</td>
<td>African Development Bank</td>
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<tr>
<td>AIDS</td>
<td>Acquired Immune Deficiency Syndrome</td>
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<td>CAP</td>
<td>Consolidated Appeals Process</td>
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<td>CFSAM</td>
<td>Crop and Food Security Assessment Mission</td>
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<td>CFSVA</td>
<td>Comprehensive Food Security and Vulnerability Analysis</td>
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<tr>
<td>CHS</td>
<td>Community and Household Surveillance System</td>
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<tr>
<td>CIS</td>
<td>Commonwealth of Independent States</td>
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<td>CPI</td>
<td>Consumer price index</td>
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<td>CSI</td>
<td>Coping strategy index</td>
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<tr>
<td>DHS</td>
<td>Demographic and Health Survey</td>
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<td>DPRK</td>
<td>Democratic People’s Republic of Korea</td>
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<td>DRC</td>
<td>Democratic Republic of the Congo</td>
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<td>EFSA</td>
<td>Emergency Food Security Assessment</td>
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<td>FISP</td>
<td>Farm Input Subsidy Programme (Malawi)</td>
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<td>FSIP</td>
<td>Farmer input support programme (Zambia)</td>
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<td>FAO</td>
<td>Food and Agriculture Organization of the United Nations</td>
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<td>FCS</td>
<td>Food consumption score</td>
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<td>FEWS-NET</td>
<td>Famine Early-Warning Systems Network</td>
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<td>FSNAU</td>
<td>Food Security and Nutrition Analysis Unit</td>
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<td>GAM</td>
<td>Global acute malnutrition</td>
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<td>GDP</td>
<td>Gross domestic product</td>
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<td>GIEWS</td>
<td>Global Information and Early-Warning System</td>
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<td>GOSS</td>
<td>Government of Southern Sudan</td>
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<td>HIV</td>
<td>Human immunodeficiency virus</td>
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<td>IDP</td>
<td>Internally displaced person</td>
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<td>IMF</td>
<td>International Monetary Fund</td>
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<td>IPC</td>
<td>Integrated Food Security Phase Classification</td>
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<td>IRIN</td>
<td>Integrated Regional Information Networks</td>
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<tr>
<td>Kcl</td>
<td>Kilocalorie</td>
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<td>MAM</td>
<td>Moderate acute malnutrition</td>
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<td>MENA</td>
<td>Middle East and North Africa</td>
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<td>MICS</td>
<td>Multiple Indicator Cluster Surveys</td>
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<tr>
<td>MT</td>
<td>Metric tonnes</td>
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<td>MUAC</td>
<td>Mid-upper arm circumference</td>
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<td>NIS</td>
<td>National Statistical Institute</td>
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<td>NTT</td>
<td>Nusa Tenaggara Timur</td>
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<td>OCHA</td>
<td>Office for the Coordination of Humanitarian Affairs.</td>
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<td>PDS</td>
<td>Public Distribution System-DPRK</td>
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<td>RPCA</td>
<td>Food Crisis Prevention Network</td>
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<td>SAM</td>
<td>Severe acute malnutrition</td>
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<td>SIFSIA</td>
<td>Sudan Institutional Capacity Programme: Food Security Information for Action</td>
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<td>Southern Nations Nationalities and People’s Region</td>
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<td>TOT</td>
<td>Terms of trade</td>
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<td>Joint United Nations Programme on HIV/AIDS</td>
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<td>UNICEF</td>
<td>United Nations Children’s Fund</td>
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<td>UNHCR</td>
<td>United Nations High Commissioner for Refugees</td>
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<td>Vulnerability Assessment Committee</td>
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<td>Vulnerability Assessment and Mapping</td>
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<td>VAT</td>
<td>Value added tax</td>
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<td>WFP</td>
<td>World Food Programme</td>
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</table>
**Information Sources**

- FAO/GIEWS, Country briefs.
- FAO/GIEWS, Global food price monitor, December 2011.
- FAO/GIEWS, Global food price monitor, January 2011.
- FEWS-NET, monthly food security updates, alerts, monthly price bulletins and outlooks.
- FSNAU, press release, quarterly briefs, market data and nutritional updates.
- IRIN Humanitarian News and Analysis, various reports released in 2011.
- OCHA 2011 Eastern Africa Drought Situation Reports.
- Reliefweb - Food security updates, alerts and situation reports.
- Risk Emergency Disaster Working Group for Latin America and the Caribbean (REDLAC).
- UNAIDS Region/Country Briefs.
- UNICEF Nutrition Profiles.
- WFP 2011, Executive briefs.
- WFP 2011, Situation Reports.
- WFP 2011, Southern Africa Regional Food Security Update.
- WFP and partners, food security monitoring reports and market price bulletins.
- WFP 2011, the Market Monitor. Trends of Staple Food Prices in Vulnerable Countries Issue no. 11 and no. 12, July.
- WFP Emergency Food Security Assessment for Returnees in South Sudan. February 2011.
- WFP Inter-Agency Assessment Mission to Eastern Libya. April 2011.

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