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The Market Monitor

Trends and impacts of staple food prices in vulnerable countries

This bulletin examines trends in staple food and fuel prices, the cost of the basic food basket and consumer price indices for 70 countries in the third quarter of 2015 (July to September).¹ The maps on pages 6-7 disaggregate the impact analysis to sub-national level.

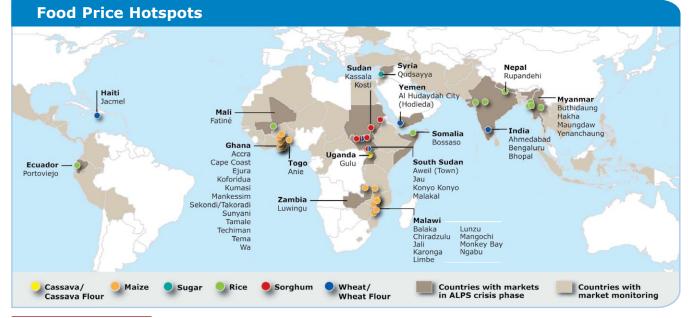
Global Highlights

- FAO's global cereal price index still continued to fall in Q3-2015, down 12.7 percent year-on-year and is now at 2010 levels.
- The real price² of wheat dropped a further 14 percent over the last quarter. Prices are 30 percent lower than in Q3-2014, thanks to record production in 2015, abundant global supply and strong export competition.

REAL PRICE ADJUST	ED FOR C	HANGES I	N US CO	NSUMER PRICE INDEX (2005 = 100)
Quarterly Change	Maize	Wheat	Rice	Note: Comparison to
q3-2015 vs. q2-2015	-2%	-14%	-1%	Second quarter in 2015
q3-2015 vs. q3-2014	-3%	-30%	-15%	Same quarter in 2014
q3-2015 vs. q1-2008		-59%		Global wheat price peak in 2008
q3-2015 vs. q2-2008	-40%		-64%	Global maize and rice price peak in 2008

• The real price of maize has dropped 2 percent since Q2-2015 and is 3 percent lower than in Q3-2014. However, global production 2015/16 is projected to be lower than this year.

- The real price of rice has fallen by 1 percent since **Q2-2015** and is 15 percent lower than Q3 last year. Despite reduced production amid increased global utilisation, weakened import demand has kept rice prices in check.
- In Q3-2015, the real price of crude oil dropped by 19 percent compared with Q2-2015 and reached a level last seen in 2004.
- The cost of the minimum food basket increased severely (>10%) during Q3-2015 in four countries: Ghana, Myanmar, Syria and Tanzania. *High* increases (5–10%) were seen in Benin, Ethiopia, Haiti, Kenya and Mali. In the other monitored countries, the change was *low* or *moderate* (<5%).
- Price spikes, as monitored by <u>ALPS</u> (Alert for Price Spikes), are evident in 16 countries, particularly in Ghana, India, Malawi, Myanmar, South Sudan, Sudan and Yemen (see the map below).³These spikes indicate *crisis* levels for the two most important staples in the country, whether they are either cassava, maize, rice, wheat, sorghum or sugar.



Data were collected and collated by WFP country offices and are available at: <u>http://foodprices.vam.wfp.org.</u> Additional data sources are FAO Food Price Index, FAO/GIEWS Food Price Data and Analysis Tool, and IMF Primary Commodity Prices as on 22 October 2015.
 Naminal prices are adjusted by the UC Concurrence Drive Leday.

2. Nominal prices are adjusted by the US Consumer Price Index.

3. A market is designated as a hotspot if prices for the country's two most important caloric contributors reached ALPS crisis level during Q3, and they did not return to normal levels by the end of the quarter. Note that for some markets/countries, prices are monitored but the price series may not necessarily qualify for ALPS calculation (see <u>ALPS website</u> for details).

Price trends and impacts by region (Change from last quarter)

Latin America and Caribbean

Hotspots: The impact of staple food price changes on the cost of the basic food basket from July to September 2015 compared with the previous quarter was high in Haiti; moderate in Colombia, Ecuador, El Salvador, Mexico, Nicaragua and Panama; and low in the other countries.

• Staple commodity prices:

During Q3-2015, the continued impact of the dry spells associated with El Niño led to consistent crop losses in most Latin American countries. In El Salvador, nominal prices increased for maize (+10%) and red beans (+12%), despite the start of the primera harvest season. Nominal maize prices also increased in Nicaragua (+5%), where drought induced delays in planting and reduced yields of the main harvest. Price trends were mixed in Honduras: seasonally adjusted prices for maize were stable in Q3-2015 in response to the Government's price control policies but remained 16 percent higher than in Q3-2014; red beans prices fell (-9%) following a good harvest. In Guatemala, maize imports contributed to stabilizing seasonal prices for commonly consumed by-products, such as tortillas (-2%). In Haiti, seasonally adjusted prices

surged for local maize (+19%) and wheat flour (+20%) and increased moderately for other imported commodities (rice +3%; vegetable oil +4%). The ALP indicator was at crisis levels for maize in Jeremie and Port-au-Prince.

- Fuel prices: In Colombia, quarterly prices for fuel were stable (-1.4% gasoline; +0.5% diesel) while they decreased moderately compared with Q3-2014 (-8.4% gasoline; -8.0% diesel). In Nicaragua, gasoline was 19 percent and diesel was 22 percent cheaper than last year, in line with the decline in international fuel prices.
- Purchasing power: In Haiti, the quarterly headline inflation was moderate (+5.2%) and the year-on-year (y/y) inflation was high (+9.6%), mainly driven by food inflation. Lower agricultural output and currency depreciation drove food prices up

in Colombia (+7.3%) and the Dominican Republic (+6.7%). Y/y food inflation was also high in Guatemala (+8.6%) but had little impact on y/y headline inflation (+2.1%) due to the beneficial effect of a stronger queztal on import prices.

Haiti

Ecuador

Mexico

Panama

Bolivia **Costa Rica** Colombia Guatemala Honduras **El Salvador** Peru Nicaragua

Southern Africa

Hotspots: The impact of staple food price changes on the cost of the basic food basket from July to September 2015 was severe in **Tanzania**; moderate in **Congo** and **Lesotho**; and low in the other countries of the region.

• Staple commodity prices:

The below-average harvest season led to a shortage of maize supplies in southern Africa. In Tanzania, regular rainfall patterns favoured stability of maize prices in the northern regions around Lake Victoria (-4% Kagera; 0% Mara); however, lower stocks and growing export demand from neighbouring countries drove maize prices up by 7 to 40 percent in the other regions. In Malawi, the increase in imports contributed to keeping nominal maize prices under control (+3%) before the beginning of the lean season; nevertheless, maize prices remain 54 percent higher compared with last year and at alert level in most monitored markets according to the ALPS. Seasonally adjusted prices for rice increased moderately in

Tanzania (+7%) and Congo (+12%) in anticipation of the lean season. In Mozambique, the depreciation of the local currency caused a general upward pressure on the seasonally adjusted prices for the main staples, including local wheat flour (+8%), maize (+6%), vegetable oil (+3%), and imported rice (+1%).

- Fuel prices: In Tanzania, currency depreciation and the introduction of a fuel levy in July pushed up fuel prices from Q2-2015 (+18.9% gasoline; +14.6% diesel); prices remained lower than last year (-1.7% gasoline; -6.6% diesel).
- Purchasing power: Quarterly changes in the Consumer Price Index (CPI) and the food CPI were low or negative in most countries. Y/y headline inflation accelerated in Madagascar (+7.4%),

Tanzania (+6.2%) and Zambia (+7.4%); it was moderate in Lesotho (+3.1%). In Malawi, severe food shortages, the rise of transport costs, and the steep depreciation of the kwacha triggered soaring y/y headline (+23.2%) and y/y food inflation (+21.9%).



Low (< 0%)

Moderate (0-5%)

High (5-10%)

Severe (> 10%)

Central and Eastern Africa

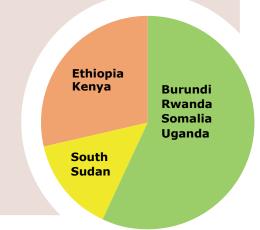
Hotspots: The impact of staple food price changes on the cost of the basic food basket from July to September 2015 was high in **Ethiopia** and **Kenya**; moderate in **South Sudan**; and low in the other countries.

• Staple commodity prices:

Seasonally adjusted prices for main staples were generally stable or declining in the region, reflecting adequate supplies. In **Uganda**, prices followed their expected seasonal trends and declined for beans (-9%), millet (-1%), cassava (-3%), and maize flour (-2%) in accordance with the harvest season. Seasonally adjusted prices also declined in Burundi for beans (-2%) and sweet potatoes (-14%) as harvested crops reached local markets in the eastern and southern regions; nevertheless, prices increased in Muyinga (+20% maize and +35% beans), Gitega (+21% maize), and Bujumbura Mairie (+17% maize), after producers abandoned cultivated lands to flee political instability. In South Sudan, nominal prices continued to increase from the previous quarter (sorghum +14%; wheat flour +7%) and reached record levels compared with Q3-2014 (+112% sorghum and +225% wheat flour). The escalation of the conflict, currency depreciation, as well as US dollar and fuel shortages continued to

disrupt markets and generated major seasonal price increases in Western Bahr El Ghazal (+30% sorghum and +18% wheat flour) in Warrap (+52% wheat flour) and in Central Èquatoria (+47% sorghum). In Kenya, disputes between companies and small producers over domestic cows' milk prices led to increased volatility; prices went up by 14 percent from Q2-2015. In the SNNP region of Ethiopia, prices for fava beans escalated from Q2-2015 (+29%), especially reflecting the severe impact of inadequate belg rains.

- Fuel prices: Y/y fuel prices decreased in Kenya (-15.7% gasoline; -19.9% diesel). In Ethiopia, despite diesel prices being 6 percent up in Q3-2015, the cost of fuel was markedly lower than in Q3-2014 (-16.0% gasoline; - 13.2% diesel). Though fuel prices in South Sudan seem to have stabilised over the past two months, they were significantly higher than at the beginning of the year and varied considerably between markets.
- Purchasing power: In Ethiopia, y/y headline inflation was high at 12 percent, mainly due to food price increases (+13.9%). The harshness and duration of the conflict in South Sudan compromises price stability: y/y headline (+56.5%) and food inflation (+69.2%) rose dramatically from Q3-2014 as widespread insecurity, the shut-down of fuel production and the depreciation of the South Sudanese pound led the country close to economic collapse.



West Africa

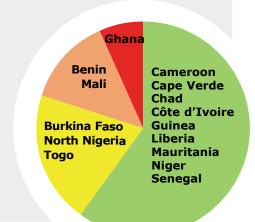
Hotspots: The impact of staple food price changes on the cost of the basic food basket from July to September 2015 was severe in **Ghana**; high in **Benin** and **Mali**; moderate in **Burkina Faso, North Nigeria** and **Togo**; it was low in the other countries.

Staple commodity prices: During Q3-2015, seasonally adjusted prices for maize increased moderately in western Africa, except in **Chad** (-6%) and **Côte d'Ivoire** (-5%). In Togo, seasonally adjusted maize prices continued to increase (+24%) from Q2-2015 in anticipation of a poor harvest season. In Chad, seasonal prices decreased for sorghum (-9%), reflecting good availability and increased for millet (+9%). A late start to the growing season and lower stocks - particularly in the western regions - pushed up cereal prices: Bar-El-Ghazal (+20% millet and +19% maize); Guera (+21% millet); and Kanem (+12% millet). Despite the recently attempted coup inducing political instability in Burkina Faso, a good harvest limited price changes for maize (+5%), millet (+2%) and sorghum (+1%). Similarly,

favourable agricultural prospects in Niger offset insecurity in border regions and drove cereal prices down thanks to adequate supplies (-4% millet, -5% sorghum and -1% rice). Prices continued to soar in Ghana (+18% cassava; +13% maize and +10% rice) due to the depreciation of the cedi; the ALPS indicator for maize was at crisis level in most monitored markets in September. Economic reprise, growing production and imports eased pressure on prices in Guinea (-1% rice and -8% palm oil) and Liberia (-8% imported rice and -20% cassava).

- Fuel prices: No fuel prices available.
- Purchasing power: Mali faced a significant increase in the food CPI, which reached 8.9 percent during Q3-2015. In Ghana, the quarterly food CPI dropped by 1.3 percent and dragged q/q headline inflation down

to 3.3 percent; y/y headline inflation remained high (+17.5%), mainly driven by the cost of non-food items. In **Nigeria**, y/y food inflation (+10.1%) drove up headline inflation (+9.3%) after delayed rains and insecurity reduced the productive potential of the main harvest season.



Middle East, North Africa and Central Asia

Hotspots: The impact of staple food price changes on the cost of the basic food basket from Q2-2015 to Q3-2015 was severe in **Syria**. It was moderate in **Algeria**, **Azerbaijan**, **Egypt**, **Lebanon**, **Palestine** and **Turkey**; and low in the remaining countries of the region.

 Staple commodity prices: In Q3-2015, prices were stable or falling in Armenia, Egypt, Georgia, Jordan, and Lebanon. In Sudan, seasonally adjusted prices declined for sorghum (-2%) and millet (-9%); however, the country suffered from localized price increases due to political instability and belowaverage rains: the ALPS indicator was at crisis levels for sorghum prices in Kosti and Kassala; it was at alert level for millet in the conflict-affected area of El Fashir. In Syria, the ongoing conflict continues to restrain supply and disrupt trade; nominal prices increased for wheat flour (+5%), sugar (+21%), and oil (+9%). The besieged governorate of Deir Ezzor recorded the most significant price changes from the previous quarter (+43% sugar and +26% oil); sugar and oil were respectively more than eleven and five times, as it is +1147% and +541%

respectively more expensive than last year. In Yemen, a temporary reduction in air strikes allowed for improvements in food availability in early Q3-2015; seasonally adjusted prices decreased for wheat flour (-14%) and sugar (-17%). However, fuel shortages and insecurity continued to push up prices for imported commodities (+10% vegetable oil). Fresh waves of conflict are affecting the country and new price upsurges are expected in the coming months. In September, the ALPS indicator signalled crisis price levels for wheat flour in Al Hudaydah and alert levels in Arman City, Haradh Town and Sa'ada City.

• Fuel prices: In Syria, the price for diesel was still double that of Q3-2014 (+103.1%) following the destruction of refineries in besieged areas. Fuels prices declined in Yemen during Q3-2015 (-2.7% gasoline; -15.4% diesel). However, prices remain higher than last year (+85.6% gasoline; +79.4% diesel) as a chronic fuel shortage affected conflict-hit regions.

 Purchasing power: q/q food inflation decreased in Armenia (-5.8%), Azerbaijan (-3.2%), Lebanon (-1.0%) and Tajikistan (-1.8%). Y/y headline inflation dropped from Q2-2015 in Sudan (12.8%) and also in Iran (12.7%).

Syria Algeria Azerbaijan Egypt Lebanon Y Palestine Turkey

Armenia Georgia Jordan Sudan Tajikistan Ukraine Yemen

Asia

Hotspots: The impact of staple food price changes on the cost of the basic food basket July to September 2015 was severe in **Myanmar**; moderate in **Thailand** and low in the remaining countries of the region.

- Staple commodity prices: Seasonally adjusted rice prices were stable or falling between Q2-2015 and Q3-2015, reflecting good availability and record stock levels in most countries. In Myanmar, prices for low quality rice went up by 23 percent because of the expectation of production shortfalls after the July flood event and the depreciation of the national currency; the ALPS indicator was at crisis levels for rice in Buthidaung, Hakha and Maungdaw. Seasonally adjusted prices for wheat fell in Afghanistan (-5%) and India (-3%) while they remained stable in Nepal (+1%) and Indonesia (+1%); prices for wheat flour also decreased in Bangladesh (-2%), Pakistan (-3%), and Sri Lanka (-3%). In **Pakistan**, the seasonally adjusted price of sugar continued increasing (+5%) as a result of the doubling of import tariffs in July.
- **Fuel prices:** During Q3-2015, quarterly prices fell in **Afghanistan** for diesel (-6.7%) and in **Pakistan** for gasoline (-3.3%) and diesel (-2.7%), because of the downward trend of international fuel prices. Q/q fuel prices remained stable in **Lao PDR** from the previous quarter and were 17 percent cheaper than last year.
- Purchasing power: Quarterly changes in the CPI and the food CPI were low or slightly negative in most countries. Y/y food inflation was moderate in Bangladesh (+6.0%) and Indonesia (+8.3%). In Afghanistan, the y/y food CPI continued to decline (-6.2%) driving down y/y headline inflation (-3.5%).

Myanmar Afghanistan Bangladesh Cambodia India Indonesia Lao PDR Nepal Pakistan Philippines Sri Lanka Viet Nam

Thai

land

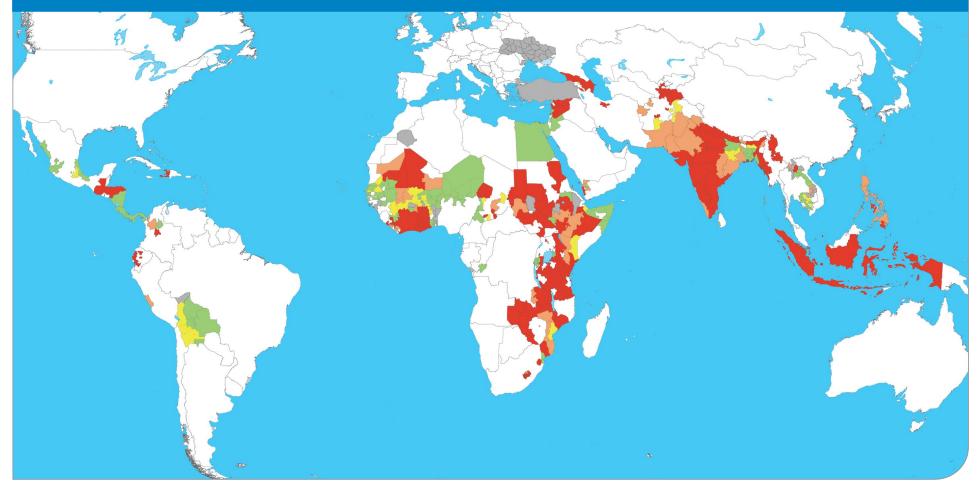
				es in Q3-2015 (July-September)	
gion	Country	Quarter-or		Year-or	
		General CPI	Food CPI	General CPI	Food CPI
	Bolivia	1.25%	2.51%	3.44%	3.12%
an	Colombia	0.90%		4.88%	7.30%*
	Costa Rica	-0.39%		-0.64%	
Car	Dominican Republic	0.88%	3.59%	0.44%	6.72%
Latin America and Carlobean	El Salvador	-0.41%		-1.92%	-1.06%*
20	Guatemala	1.02%		2.05%	8.57%*
	Haiti	5.18%	6.30%	9.64%	11.35%
	Honduras	0.82%	-0.02%	3.01%	1.08%
	Nicaragua	-0.08%	-1.32%	2.87%	2.16%
-1	Panama	-0.11%		-0.40%*	
	Peru	1.13%		3.83%	4.51%*
	Lesotho	1.94%	2.74%	3.14%	5.84%
	Madagascar	1.12%		7.42%	
	Malawi	-0.91%	-8.13%	23.16%	21.90%
	Mozambique	-0.34%		2.17%	
	Tanzania	0.59%	0.35%	6.18%	10.15%
5	Zambia	2.19%	1.72%	7.39%	7.86%
	Zimbabwe	-0.44%		-2.90%	
	Burundi	0.26%	-0.69%	5.41%	6.56%
Eastern Africa	Ethiopia	3.78%	5.34%	11.93%	13.91%
h Af	Kenya	0.77%		6.14%	
astern Afric	Rwanda	1.11%	0.05%	2.32%	3.48%
Eas	South Sudan	17.22%	23.70%	56.49%	69.22%
	Uganda	1.13%	-1.14%	5.90%	7.41%
	Benin	-0.49%	1.06%	0.72%	
	Burkina Faso	2.40%		1.32%	4.87%
	Cape Verde	0.44%	1.34%	0.38%	2.45%
	Chad	2.44%		5.21%	
	Côte d'Ivoire			1.2%*	1.79%*
	Ghana	3.28%	-1.29%	17.53%	7.80%*
5	Guinea	1.94%		7.25%	
	Guinea-Bissau	2.83%		1.51%	0.00%*
	Mali	4.23%	8.94%	2.98%	
	Mauritania	-4.10%	-6.65%	-2.41%	-5.28%
	Niger	3.15%		0.89%	-0.30%*
	Nigeria	2.26%	2.47%	9.33%	10.12%
	Senegal	2.96%	5.41%	0.18%	6.13%
	Armenia	-4.10%	-5.84%	-1.80%	1.57%
	Azerbaijan	-1.10%	-3.15%	3.74%	5.34%
	Egypt	1.90%	2.04%	8.49%	9.18%
	Georgia	1.06%	4.58%	5.14%	2.22%
<u></u>	Iran	1.05%		12.65%	
Central Asia	Iraq	1.40%	3.49%	2.46%	3.81%
ntra	Jordan	0.19%	0.19%	-1.02%	3.81%
Ğ	Lebanon	-1.28%	-1.04%	-4.36%	-1.96%
	Palestine	0.03%	0.72%	0.86%	1.44%
	Sudan	3.41%		12.81%	
	Tajikistan	-0.58%	-1.75%	-1.28%	-3.28%
	Turkey	0.50%		7.30%	10.73%*
	Afghanistan	-0.51%	-1.52%	-3.53%	-6.17%
	Bangladesh	2.61%	3.01%	6.26%	6.01%
	India	2.32%	2.54%	4.24%	2.58%
	Indonesia	1.70%	2.37/0	6.82%	8.26%*
	Lao PDR	0.66%		1.23%	0.2070
	Pakistan	1.16%	1.15%	1.61%	-0.65%
	Philippines	0.19%	0.62%	0.58%	-0.83%
	Sri Lanka	1.13%	1.15%	-0.25%	2.24%

Note: The calculation of quarterly changes uses averages of indices.

* Where indices were not available, y/y changes are not based on quarterly average but on the inflation rate of the last month available.

Impact of staple commodity price changes on the cost of the basic food basket

Q3-2015 (July to September) vs. **Q3-Baseline** (Average July to September)

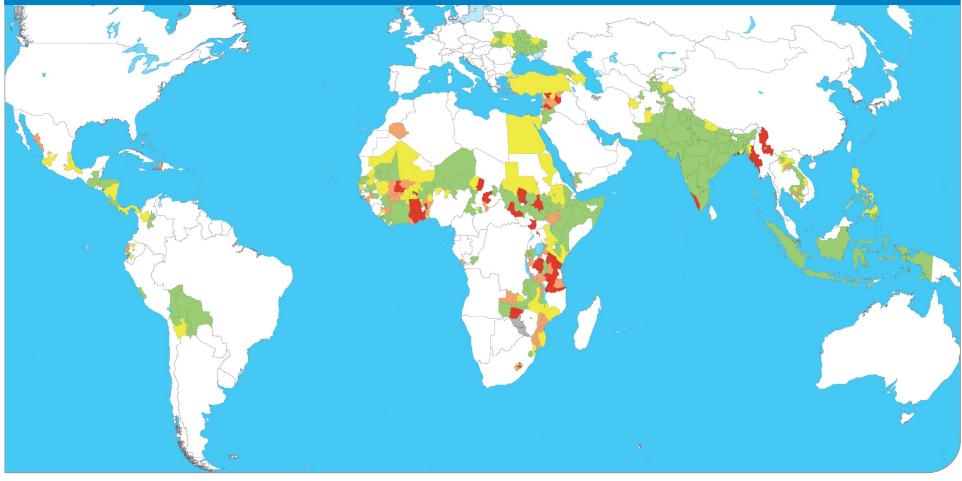


Map produced by: VAM - Food Security Analysis (OSZAF). Source: WFP; Base Map: GAUL.



Note: This map is based on the calculations at subnational level of column M of the table on page 8-12. Baseline prices are from Q3 2010-14.

Q3-2015 (July to September) vs. Q2-2015 (April to June)



Map produced by: VAM - Food Security Analysis (OSZAF). Source: WFP; Base Map: GAUL.



Note: This map is based on the calculations at subnational level of column L of the table on page 8-12.

						. Monthly		Change < 0% >= 0% and < 5% >= 5% and < 10% >= 10%	Price trend Decreasing Stable Slightly increasing Increasing		Impact Low Moderate High Severe V		
egion	Country	Main staple food	Caloric contribution	last quarter	Seasonally adjusted quarterly change	Monthly change from last year	Quarterly change from last year	Quarterly change from baseline	Price trend	Quarterly cost share in food basket	cost of fo	act of changes on ood basket from baseline (%)	# of years in baseline (the last 5 year [* see footnot
A	В	C	(%) D	(% change)	(% change)	(% change) G	(% change) H	(% change)		(%) K	quarter (%)	M	i see lootilot
A	D	č		E							L	IVI	
		Wheat (flour)	19	-6	-11	-22	-22	-4	<u> </u>	37			5
	Bolivia	Rice (estaquilla) Maize (hard yellow, cubano)	14	-4 -13	-5 -12	-11 -28	-10 -27	+4 -27	↓ 	34 6	-5	-3	5
			13	-13	-12 N/A	-28 N/A	-27 N/A	-27 N/A	↓ 	24			*
		Sugar Maize (white)	13	-1	-1	+6	+6	+29	\downarrow	7			4
		Sugar	13	+2	+14	+6	+6 +21	+29 +15	Ψ 	7			3
		Rice (white)	13	+2	-2	+25	+21	+15	 ↓	9			3
	Colombia	Wheat flour	8	-2	-2 -6	+29	+28	+20	\downarrow	5	+1	+8	5
	coloniola	Milk (pasteurized)	7	-6	-6	+33	+38	+37	\rightarrow	60	11	10	2
		Bananas	5	-2	+1	-11	-10	+4	\rightarrow	6			2
		Plantains	5	+1	+2	0	+1	+10	∕ →	6			2
	Costa Rica	Rice (milled 80-20)	17	-3	-3	-3	-3	-19		100	-3	-19	5
	costa nica	Rice (long grain)	19	+4	+1	+13	+11	+23	\rightarrow	68	-5	-15	5
	Ecuador	Wheat (flour)	13	+4	+3	+13	+11	+23	∕ →	32	+2	+15	4
<u> </u>		Maize (white)	25	+1 +10	+3	+5	+6	+2	→	47			4
Dea	El Salvador	Beans (red)	6	+10	+4	-35	-26	+4	\rightarrow	47	+4	+8	5
ië	LI Salvadol	Sorghum (maicillo)	6	+12 +17	+6	0	+7	-2	7	12		10	5
a		Tortilla (maize)	36	+17	-2	+10	+7	+32	→ ↓	56			5
P	Guatemala		14	+2	0	+10	+10	+32	\rightarrow	10	-1	+24	5
Latin America and Caribbean	Guatemala	Sugar Bread	14	0	-1	+1 +2	+1 +2	+0	→ →	34	-1	724	5
ü			23	+4	+3	+2	+2 +2	+17	\rightarrow	53			5
ne		Rice (tchako)							フ 小				5
Ā	Haiti	Wheat flour (imported) Maize (local)	12	+17 +8	+20 +19	+21 +37	+20 +34	+21 +30	Т	22 13	+8	+12	5
ių į		Oil (vegetable, imported)	7	+6	+19	+37	+54	+30	\rightarrow	13			3
۳ ۲		Maize (white)	26	+3	0	+/	+0 +16	+12	→	51			5
	Honduras		5	-5		-30	-30	+12 +12		30	-3	+11	
	Homunas	Beans (red)	5	-5	-9	-30	-30		↓	19	-5	***	5
	Mexico	Rice (milled 80-20) Maize (white)	32	+3	+4	-0	-6	+6 -5	\rightarrow		+4		5
	WEXICO	Maize (writte)	23	+5	N/A	+1	+3	-5 N/A	7	100 25	+4	-5	3
	Nicaragua						+3			25	0	+5	4
	Nical agua	Sugar	15	0	+1	-1	-	+5	→ 	26 49	0	+5	4
		Bread		-2	N/A	+3	+5	N/A	↓				
	Panama	Rice (milled 80-20)	24	0	-2	N/A	+1	-15		85	0	-13	5
		Maize (yellow)	7	0	-7	N/A	+3	0	↓ \	15			5
		Rice (local)	21	0	0	+2	+2	+8	→ ```	25			5
	Dami	Wheat flour (locally processed)	14	+1	0	+2	+1	+5		25		+6	5
	Peru	Potatoes	8	-10	-17	+16	+9	+6	↓	26	-5	+6	5
		Sugar	8	+10	+14	+22	+22	+4	T	9			5
		Maize (local)	/	-2	-6	-4	-2	+5	\downarrow	15			5
		Cassava (fresh)	32	+2	N/A	N/A	N/A	-9	<i>→</i>	60			3
0	Congo	Wheat flour	18	-13	-16	N/A	N/A	-25	\checkmark	18	+3	-11	3
Southern Africa		Oil (palm)	11	+29	N/A	N/A	N/A	N/A	↑ 	13			*
outher		Rice (mixed, low quality)	6	+22	+12	N/A	N/A	+18	<u>↑</u>	9			3
Š	Lesotho	Maize meal	56	+5	+5	+6	+4	+18	7	76	+4	+17	5
		Wheat flour	14	0	0	+1	+2	+13	<i>→</i>	24			5
	Malawi	Maize	53	+3	-6	+69	+54	+98	\downarrow	100	-6	+98	5

8

Region	Country	Main staple food	Caloric contribution	Change from last quarter	Seasonally adjusted quarterly change	Monthly change from	Quarterly change from	Quarterly change from baseline	Price trend	Quarterly cost share in food basket	cost of fo	act of changes on ood basket	baseline (the last 5 years)
			(%)	(% change)	(% change)	last year (% change)	last year (% change)	baseline (% change)		basket (%)	from previous quarter (%)	from baseline (%)	(the last 5 years) [* see footnote]
A	В	С	D	E	F	G	Н	<u> </u>	J	К	L	М	N
		Cassava flour	32	-8	N/A	N/A	N/A	+46	\checkmark	51			2
		Maize (white)	20	+8	+6	+40	+39	+25	R	13			5
	Mozambique	Wheat flour (local)	9	+4	+8	+9	+7	+9	ק	16	-2	+25	4
		Rice (imported)	8	+2	+1	+3	+3 +3 → 13			5			
		Oil (vegetable, local)	5	+3	+3	-1	-2	-7	÷	7			5
		Maize meal	25	+2	-9	+5	-1	+21	\checkmark	35			5
vfrica	Swaziland	Wheat flour	16	+5	+1	+10	+1	+23	÷	32	-3	+20	5
Southern Africa	Swazilanu	Sugar (brown)	11	+3	+4	+8	+4	+19	÷	18		120	4
Sout		Rice	8	+2	-6	+4	+1	+16	\downarrow	14			5
		Maize	26	+14	+22	+42	+31	+31 +28 个 37	37			5	
	Tanzania	Rice	10	-4	+7	+37	+35	+29	ת	41	+10	+28	5
		Beans	5	-1	-3	+17	+18	+26	\downarrow	22			4
	Zambia	Maize (white)	51	-9	-3	+6	-7	+28	\downarrow	100	-3	+28	5
	Zimbabwe	Maize	41	-4	+2	+19	+1	+10	÷	72	-5 +10	+10	5
	Linbubwe	Wheat	10	-8	N/A	-23	-23	N/A	\downarrow	28	Ĵ		*
		Sweet potatoes	17	-16	-14	-32	-24	-17	\downarrow	38			5
	Burundi	Beans	16	-9	-2	-5	-4	+2	\downarrow	29	-5	-8	5
	burunur	Cassava flour	13	-7	-3	-28	-23	-7	\downarrow	17	, j	Ŭ	5
<u>ca</u>		Maize	13	+19	+11	-17	-22	-2	Ŷ	16			5
n Afri		Maize (white)	21	0	-8	-10	-16	+1	\checkmark	20			5
asteri		Teff	13	+2	N/A	N/A	N/A	N/A	÷	28			*
ind E	Ethiopia	Sorghum	12	+2	+1	0	-13	+21	÷	17	+5	+20	5
Central and Eastern Africa		Wheat	12	+6	+1	+17	+17	+41	→	24			5
Cen		Beans (fava, dry)	5	+29	N/A	N/A	N/A	N/A	Ŷ	12			•
		Maize (white)	35	+3	-1	-4	-4	+1	\checkmark	26			5
	Kenya	Bread	9	0	0	+6	+10	+19	÷	19	+7	+24	5
		Milk (cow, fresh)	7	+15	+14	+9	+19	+41	Ŷ	55			5

Africa Sector and Eastern Africa B B C C C C C C C C C C C C C C C C C	B Rwanda Somalia South Sudan Uganda Benin	C Bananas Potatoes (irish) Beans (dry) Cassava Sweet potatoes Sorghum Maize flour Sorghum (red) Rice (imported) Sorghum (white) Wheat flour Cassava flour Maize flour Beans Millet Maize (white) Cassava meal (gari) Rice (mported)	 (%) (%) 17 12 11 11 38 55 29 9 26 15 13 9 5 5 19 	(% change) E -10 +9 -3 -4 +4 -13 +1 -13 -3 -3 -3 +14 +1 +7 -6 -5 -5 -5 -21	(% change) F -11 +3 -5 +3 +5 -2 -1 N/A N/A N/A N/A +8 0 -3 -2 -9	(% change) G +1 +1 +8 -6 0 -6 +5 -6 -19 -14 +87 +241 +8 +8 0	(% change) H -2 +2 -7 -3 -3 -6 +4 -6 -18 -11 +112 +225 +17 +2	(% change) -34 -34 +5 +8 +10 +16 +25 +3 N/A -20 +146 +218 +30		(%) K 24 26 11 13 15 7 5 77 23 48 52 37	from previous quarter (%) -4 -3 +3	from baseline (%) M -6 -20 +179	[* see footnote] N 5 5 5 5 5 5 4 3 5 4
R Central and Eastern Africa B B C C C C C C C C C C C C C C C C C	Rwanda Somalia South Sudan Uganda	Bananas Potatoes (irish) Beans (dry) Cassava Sweet potatoes Sorghum Maize flour Sorghum (red) Rice (imported) Rice (imported) Cassava flour Cassava flour Maize flour Beans Millet Cassava meal (gari)	 17 12 11 11 11 8 5 29 29 3 29 15 13 9 5 5 5 	+9 -3 -4 +4 -13 +1 -3 -3 +14 +7 -6 -5 -5 -21	+3 -5 +3 +5 -2 -1 N/A N/A +8 0 -3 -3 -2	+1 +8 -6 0 -6 +5 -6 -19 -14 +87 +241 +8 0	-2 +2 -7 -3 -6 +4 -6 -18 -11 +112 +225 +17	+5 +8 +10 +16 +25 +3 N/A -20 +146 +218	→ ↓ → ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	24 26 11 13 15 7 5 77 23 48 52	-3	-6 -20	5 5 5 5 5 5 5 4
Central and Eastern Africa	Somalia South Sudan Uganda	Potatoes (irish) Beans (dry) Beans (dry) Cassava Sweet potatoes Sweet potatoes Sorghum Maize flour Rice (imported) Rice (imported) Wheat flour Wheat flour Cassava flour Maize flour Beans Millet Millet Cassava meal (gari)	12 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 12 13 9 5 5 5	+9 -3 -4 +4 -13 +1 -3 -3 +14 +7 -6 -5 -5 -21	+3 -5 +3 +5 -2 -1 N/A N/A +8 0 -3 -3 -2	+8 -6 0 -6 +5 -6 -19 -14 +87 +241 +8 0	+2 -7 -3 -6 +4 -6 -18 -11 +112 +225 +17	+5 +8 +10 +16 +25 +3 N/A -20 +146 +218	→ ↓ → ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	26 11 13 15 7 5 77 23 48 52	-3	-20	5 5 5 5 5 4
Central and Eastern Africa	Somalia South Sudan Uganda	Beans (dry) Cassava Sweet potatoes Sorghum Maize flour Sorghum (red) Rice (imported) Rice (imported) Wheat flour Cassava flour Maize flour Beans Maize flour Maize flour Maize flour Maize flour Rice (imported)	 11 11 11 8 5 29 29 31 15 13 9 5 5 	-3 -4 +4 -13 +1 -3 -3 +14 +7 -6 -5 -5 -21	-5 +3 +5 -2 -1 N/A N/A +8 0 -3 -3 -2	-6 0 -6 -5 -19 -14 +87 +241 +8 0	-7 -3 -6 +4 -6 -18 -11 +112 +225 +17	+8 +10 +16 +25 +3 N/A -20 +146 +218	↓ → 7 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	11 13 15 7 5 77 23 48 52	-3	-20	5 5 5 5 4
Central and Eastern Africa	Somalia South Sudan Uganda	Cassava Cassav	 11 11 8 5 29 9 26 15 13 9 5 5 5 	-4 +4 -13 +1 -3 -3 -3 +14 +7 -6 -5 -5 -21	+3 +5 -2 -1 N/A N/A +8 0 -3 -2	0 -6 +5 -19 -14 +87 +241 +8 0	-3 -6 +4 -6 -18 -11 +112 +225 +17	+10 +16 +25 +3 N/A -20 +146 +218	→ ス ↓ ↓ ↓ ↓ ス ↓ ↓ ス ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	13 15 7 5 77 23 48 52	-3	-20	5 5 5 • 3 5 4
Central and Eastern Africa	Somalia South Sudan Uganda	Sweet potatoes Sorghum Maize flour Rice (imported) Rice (imported) Wheat flour Wheat flour Maize flour Maize flour Beans Millet Maize (white) Cassava meal (gar)	 11 8 5 29 9 26 15 13 9 5 5 5 	+4 -13 +1 -3 -3 +14 +7 -6 -5 -5 -21	+5 -2 -1 N/A N/A +8 0 -3 -3 -2	-6 +5 -19 -14 +87 +241 +8 0	-6 +4 -6 -18 -11 +112 +225 +17	+16 +25 +3 N/A -20 +146 +218	⊼ ↓ ↓ ↓ ⊼ →	15 7 5 77 23 48 52	-3	-20	5 5 * 3 5 4
B B C C C C C C	South Sudan Uganda	Sorghum Maize flour Sorghum (red) Rice (imported) Rice (imported) Sorghum (white) Wheat flour Wheat flour Cassava flour Millet Millet Cassava meal (gari)	8 5 29 9 26 13 9 5 5 5 5	-13 +1 -3 -3 +14 +7 -6 -5 -5 -21	-2 -1 N/A +8 0 -3 -2	+5 -6 -19 -14 +87 +241 +8 0	+4 -6 -18 -11 +112 +225 +17	+25 +3 N/A -20 +146 +218	↓ ↓ ↓ ↓ ス →	7 5 77 23 48 52			5 5 * 3 5 4
B B C C C C C C	South Sudan Uganda	Maize flour Sorghum (red) Rice (imported) Sorghum (white) Wheat flour Cassava flour Cassava flour Beans Millet Millet Maize (white) Cassava meal (gari)	 S 29 9 26 15 13 9 5 5 	+1 -3 -3 +14 +7 -6 -5 -5 -21	-1 N/A N/A +8 0 -3 -2	-6 -19 -14 +87 +241 +8 0	-6 -18 -11 +112 +225 +17	+3 N/A -20 +146 +218	↓ ↓ ↓ ス	5 77 23 48 52			5 + 3 5 4
B B C C C C C C	South Sudan Uganda	Sorghum (red) Rice (imported) Sorghum (white) Wheat flour Cassava flour Maize flour Beans Millet Maize (white) Cassava meal (garl)	29 9 26 15 13 9 9 5 5 5	3 3 ++14 ++7 6 5 21	N/A N/A +8 0 -3 -2	-19 -14 +87 +241 +8 0	-18 -11 +112 +225 +17	N/A -20 +146 +218	↓ ↓ л →	77 23 48 52			* 3 5 4
B B C C C C C C	South Sudan Uganda	Rice (imported) Sorghum (white) Wheat flour Cassava flour Maize flour Beans Millet Maize (white) Cassava meal (garl)	9 26 15 13 9 5 5 5	-3 +14 +7 -6 -5 -21	N/A +8 0 -3 -2	-14 +87 +241 +8 0	-11 +112 +225 +17	-20 +146 +218	↓ л →	23 48 52			3 5 4
B B C C C C C C	South Sudan Uganda	Sorghum (white) Wheat flour Cassava flour Maize flour Beans Millet Maize (white) Cassava meal (garl)	9 26 15 13 9 5 5 5	+14 +7 -6 -5 -21	N/A +8 0 -3 -2	-14 +87 +241 +8 0	-11 +112 +225 +17	-20 +146 +218	↓ л →	23 48 52			5
B B C C C C C C	Uganda	Sorghum (white) Wheat flour Cassava flour Maize flour Beans Millet Maize (white) Cassava meal (garl)	26 15 13 9 5 5 5	+14 +7 -6 -5 -21	+8 0 -3 -2	+87 +241 +8 0	+112 +225 +17	+146 +218	л →	48 52	+3	+179	5
B B C C C C C C	Uganda	Wheat flour Cassava flour Maize flour Beans Millet Maize (white) Cassava meal (garl)	15 13 9 5 5	+7 -6 -5 -21	0 -3 -2	+241 +8 0	+225 +17	+218	→	52	+3	+179	4
B B C C C C C C		Cassava flour Maize flour Beans Millet Maize (white) Cassava meal (garl)	13 9 5 5	-6 -5 -21	-3 -2	+8 0	+17						
B B C C C C C C		Maize flour Beans Millet Maize (white) Cassava meal (gari)	9 5 5	-5 -21	-2	0		+30	\checkmark	37			
B B C C C C C C		Beans Millet Maize (white) Cassava meal (gari)	5	-21			+2						5
B C C C C	Benin	Millet Maize (white) Cassava meal (gari)	5		-9			+10	4	27	-4	+18	5
B C C C C	Benin	Maize (white) Cassava meal (gari)				+18	+15	+14	¥	20			4
B C C C C	Benin	Cassava meal (gari)	19	-1	-1	+9	+6	+15	\downarrow	15			4
B C C C C	Benin			+15	+13	+2	+23	-13	1	23			5
			16	0	-9	-40	-34	-37	4	22	+6	-16	5
			13	+4	+3	0	+1	-2	<u>→</u>	45			5
		Sorghum Sorghum	5 26	+7 +2	+8 +1	-13 -1	-8 +4	-20	⊼ →	9 41			5
	Burkina Faso	Millet	20	+2	+1 +2	+1	+4	-1		37	+2	0	5
c	burkina raso								→ 7		72	Ų	5
c		Maize	16	+9 +8	+5 +2	+12 -2	+13 -2	-1 -5	⊼ →	22 27			4
c		Maize		+8									
c	Cameroon	Cassava (cossette)	12		-37	+15	+16	-7	↓ ↓	36	-8	-5	4
c		Rice (local)	10	+12 +13	+15	-19 +7	-10	-7	т 7	24 13			4
c		Sorghum (red)											
c	Cape Verde	Rice (long grain, imported)	19	0	-1	N/A	-5	-9	↓	66	-1	-7	5
c		Wheat (flour, imported)	13	0	-1	N/A	-2	-2	↓	34			5
c	Chard	Sorghum	18	-2	-9	+11	+12	+14	4	43	2		5
	Chad	Millet	15	+14	+9	+12	+12	+13	R	43	-2	+13	5
		Maize	5	-1	-6	-2	-4	+14	\downarrow	14			5
		Rice (denikassia, imported)	20	+3	+1	+6	+6	+3	\rightarrow	47			5
	Côte d'Ivoire	Cassava (fresh)	12	+2	+4	+2	0	+17		19	-1	+10	5
/est Africa		Oil (palm)	9	-1	-7	+4	+13	+11	4	21			4
Jest Afr		Maize	7	+2	-5	+20	+20	+28	4	13			5
/est/		Cassava	21	+15	+18	+18	+14	+39		24			5
e le	Ghana	Maize	12	+15 +6	+13 +9	+38	+47	+112 +65	7	15 40	+12	+70	5
		Yam Diag (Jacob)	8	+0	+9	+16 +21	+27 +29	+104	7	21			5
-		Rice (local)											
G	Guinea	Rice (local)	37	+8 -3	-1 -8	-8	-14	-12 +11	+	89 11	-1	-10	5
		Oil (palm)	6 32	-3	-8		-2		+	62			
	Liberia	Rice (imported)				-2	+1	+14	↓		c	+10	5
	Liberia	Cassava (fresh)	21	-21	-20	-22	-22	0	↓	19	-6	710	4
		Oil (palm)	15 21	+13 +7	+6 +8	-5 +9	-8	+8 +12	ת ת	19 51			5
		Rice (local)	21 20	+/	+8 +3	-3	+14	+12 -2		24			5
N	Mali	Millet	13	+4 +5	+3	-3	-2 +4	+1	→ 7	16	+6	+5	5
		Sorghum Maize	9	+5	+5	+5 +9	+4 +9		7	16			
			30	+5	+3	-3	-5	-1 +13	\rightarrow	34			5
		Wheat Sugar	12	-1	-2	-14	-15	-23	→ ↓	16			5
	Mauritania	Oil (vegetable)	11	-2	0	-14	-6	0	→ →	10	-2	+4	5
IV.			11	-2 -2	-1	+2	+3	+18	→ ↓	21	2		4
		Rice (imported) Sorghum (taghalit)	7	-2 -2	-1	+2 +3	+3 +2	+18 +9	¥ ↓	15			5
		Millet	39	-2 -2	-14 -4	+3	+2	-19	\downarrow	57			5
N		Sorghum	11	+2	-4	-15		-19		18	-4	-15	5
N	Niger	Sorgnum					-14		→ 		-4	-15	
	Niger		7	-1 +1	-1	-2 -13	-2 -18	-2 -27	↓ 	25 24			5
	Niger	Rice (imported)	12		+1	-13 -15		-27	↓ →				2
N	Niger	Rice (imported) Sorghum	13	0	+1		-21 -2	-28 -16	\rightarrow			-20	
	Niger North Nigeria	Rice (imported)	13 11 8	0 +7	+7	+13			R	20 17	0	-20	5

Region	Country	Main staple food	Caloric contribution	Change from last quarter	Seasonally adjusted quarterly change	Monthly change from	Quarterly change from	Quarterly change from	Price trend	Quarterly cost share in food		oact of changes on ood basket	# of years in baseline
Region			(%)	(% change)	(% change)	last year (% change)	last year (% change)	baseline (% change)	The trend	basket (%)	from previous quarter (%)	from baseline (%)	(the last 5 years) [* see footnote]
Α	В	С	D	E	F	G	Н	L. L.	J	К	L	М	N
		Millet	39	-2	-4	-15	-18	-19	\downarrow	57			5
	Niger	Sorghum	11	+2	-5	-11	-14	-16	\downarrow	18	-4	-15	5
		Rice (imported)	7	-1	-1	-2	-2	-2	\downarrow	25			5
		Sorghum	13	+1	-1	-13	-18	-27	4	24			5
ica	North Nigeria	Millet	11 8	0 +7	+1 +7	-15 +13	-21	-28 -16	→ ⊼	20 17	0	-20	5
West Africa		Maize Rice (imported)	8	-4	-3	-7	-2	-16	×	38			5
ŝ		Rice (imported)	30	-4	-1	-1	0	-12	\downarrow	68			5
S	Senegal	Maize (imported)	10	+3	+2	0	+1	0	¥	18	-1	-2	5
_		Millet	8	0	-5	-10	-8	0	↓	14			5
		Maize (white)	24	+17	+24	+73	+53	+19	Ύ	24			5
	Тодо	Manioc (cassava)	15	+1	-2	-5	-13	-14	\downarrow	40	+4	-2	5
	1050	Rice (imported)	10	+2	+2	-2	-1	-1	→	25		-	5
		Sorghum	8	+3	-1	+25	+19	+7	\downarrow	10		5	
		Pasta	46	-4	N/A	N/A	N/A	N/A	\downarrow	43			•
	Algeria	Sugar	9	0	N/A	N/A	N/A	N/A	\rightarrow	8	0	N/A	*
		Milk (camel)	5	+3	N/A	N/A	N/A	N/A	\rightarrow	49			•
		Wheat flour	40	-32	-32	-14	-15	-12	\downarrow	24			4
	Armenia	Milk	8	-9	-7	+20	+21	+17	\downarrow	56	-15	+6	3
	Amenia	Sugar	8	-5	-4	-1	+1	-7	\downarrow	8	-13	10	3
		Potatoes	5	-29	-14	+59	+33	+12	\downarrow	13			3
	Annahallan	Wheat (flour)	57	+1	0	+8	+8	+18	\rightarrow	68	+1	+23	5
	Azerbaijan	Potatoes	6	-15	+5	+11	+8	+37	7	32	+1	+23	5
		Wheat flour	35	+2	+3	-5	-4	-4	\rightarrow	63			5
	Egypt	Rice	12	-5	-7	-9	-3	-7	Ļ	21	0	-5	5
		Sugar	7	-2	+1	-12	-4	-3	\rightarrow	15			5
		Wheat (flour)	41	0	0	+6	+5	+9	→	33			5
	Georgia	Milk (raw)	10	0	-3	-4	0	+23	↓ ↓	67	-2	+18	5
		Rice (local)	9	N/A	N/A	+10	+10	+32	N/A	71			3
D.	Iran	Sugar	9	N/A	N/A	+8	+8	+27	N/A	29	N/A	+31	3
Asi		Bread (pita)	38	0	-2	-3	-1	0	↓	23			4
e		Sugar	15	-1	-2	-8	-7	-11	↓ ↓	26			3
, st	Jordan	Oil (vegetable)	13	0	-5	-2	-1	-3	↓ ↓	24	-3	-2	4
Ŭ		Rice (imported)	8	0	-5	-2	-1	+9	\downarrow	27			4
ц Ц		Wheat flour	30	+4	N/A	N/A	N/A	N/A	\rightarrow	80			
Ē	Lebanon		11	-4		-18	-24	-30	→ ↓	20	+2	-30	3
j		Sugar			-1								
- Afi		Wheat flour	40	-1	+1	-7	+1	-3	→	42			5
÷	Palestine	Sugar	10	-2	+3	+5	+4	-13	→ _	14	0	0	4
- P		Rice (small grain, imported)	7	+5	+7	+15	+10	+15	7	17			5
÷.		Oil (olive)	5	+1	-7	+7	+6	+5	4	27			5
Ea	Sudan	Sorghum	60	+3	-2	-20	-25	+34	4	84	-3	+36	5
Middle East, North African and Central Asia		Millet	9	+4	-9	-24	-24	+44	\downarrow	16			5
id		Wheat flour	39	+5	N/A	+50	+51	+30	7	54			2
Σ	Syria	Sugar	13	+21	+12	+152	+138	+163	↑ (29	+10	+58	3
		Oil	11	+9	-15	+99	+93	+62	\downarrow	17			3
		Wheat flour (first grade)	54	0	-2	+15	+17	+29	\downarrow	71			5
	Tajikistan	Sugar	7	+8	+4	+13	+14	+5	\rightarrow	15	-1	+22	5
	. ojimotori	Oil (cotton)	6	+3	+3	+15	+15	+11	\rightarrow	9			5
		Maize	5	+2	-4	+10	+18	+17	\downarrow	5			5
		Wheat flour	41	0	N/A	+1	+2	N/A	\rightarrow	29			•
	Turkey	Sugar	8	+6	N/A	0	-1	N/A	7	8	0	N/A	*
		Milk (powder, infant formula)	5	0	N/A	N/A	N/A	N/A	→	63			•
		Wheat flour (first grade)	29	-10	N/A	N/A	N/A	N/A	\downarrow	26			•
		Oil (sunflower)	9	-2	N/A	N/A	N/A	N/A	4	11			*
	Ukraine	Potatoes	8	+1	N/A	N/A	N/A	N/A	• →	18	-1	N/A	•
		Milk	7	+3	N/A	N/A	N/A	N/A	∕ →	45			
		Wheat flour	38	-12	-14	+42	+25	+23	4	62			5
			12	-12 -14	-14	-9	-8	+25	\downarrow	24	-11	+12	3
	Yemen	Sugar											

Region	Country	Main staple food	Caloric contribution	Change from last quarter	Seasonally adjusted quarterly change	Monthly change from	Quarterly change from	Quarterly change from	Price trend	Quarterly cost share in food		act of changes on ood basket	# of years in baseline
			(%)	(% change)	(% change)	last year (% change)	last year (% change)	baseline (% change)		basket (%)	from previous quarter (%)	from baseline (%)	(the last 5 years) [* see footnote]
Α	В	С	D	E	F	G	Н	l I	J	К	L	М	N
	Afghanistan	Wheat	58	-2	-5	-6	-7	+11	\downarrow	62	-3	+8	5
		Rice (low quality)	22	+3	0	-7	-7	+4	\rightarrow	38			5
	Bangladesh	Rice (coarse)	70	-4	-5	-20	-19	-9	\downarrow	91	-4	-8	5
	Bangladesn	Wheat flour	6	-2	-2	-7	-7	+3	\downarrow	9	-4	-8	5
	Cambodia	Rice (mixed, low quality)	65	+1	-2	-3	-1	-3	\downarrow	100	-2	-3	2
		Rice	31	-1	-4	-5	-5	+16	\downarrow	54			5
	India	Wheat	22	0	-3	+1	+1	+17	\downarrow	33	-4	+12	5
		Sugar	7	-5	-7	-16	-18	-12	\downarrow	13			5
		Rice	50	+3	-1	+13	+12	+26	\downarrow	80			5
	Indonesia	Oil (vegetable)	7	-1	-1	-3	-2	+7	\downarrow	5	-1	+22	5
	indonesia	Sugar	6	+4	+2	+11	+11	+12	→	9	, î		5
		Wheat	6	+1	+1	+2	+2	+7	÷	6			5
Asia	Lao PDR	Rice (glutinous, second quality)	64	0	-8	-2	-4	0	\downarrow	100	-8	0	5
¥	Myanmar	Rice (low quality)	55	+24	+23	+14	+18	+45	Ť	100	+23	+45	5
	Nepal	Rice	32	+3	-1	+5	+3	+17	\downarrow	66	-1	+18	5
	мера	Wheat	15	+2	+1	+4	+3	+20	÷	34	~	+10	5
		Wheat flour	37	-1	-3	-7	-7	+11	\downarrow	44			5
	Pakistan	Sugar	11	+8	+5	+5	+11	+16	R	21	-3	+5	2
	Fakistan	Oil (cooking)	9	-3	-5	-16	-15	-15	\downarrow	21		,5	2
		Rice (basmati, broken)	6	-1	-4	-9	-9	+10	\downarrow	14			5
	Philippines	Rice (regular milled)	48	0	-3	-6	-8	+8	\downarrow	52	-1	+7	5
	, impones	Pork meat with bones	7	+1	+1	-1	-1	+6	÷	48		.,	5
	Sri Lanka	Rice (white)	41	-6	-7	-19	-10	+13	\downarrow	69	-6	+7	5
		Wheat (flour)	14	0	-3	-12	-12	-3	-3 🗸 31	Ŭ	.,	5	
	Thailand	Rice (25% broken)	48	+3	0	-6	-3	-18	÷	100	0	-18	5
	Viet Nam	Rice (25% broken)	59	-2	-8	-18	-16	-13	\downarrow	100	-8	-13	5

Approach

This bulletin examines price changes for staple food items and their impact on the cost of the basic food basket. For the most vulnerable population groups in developing countries, food often represents over 50% of total household expenditures, and staples contribute 40-80% of energy intake. Any change in staple food prices therefore has a big impact on overall food consumption, especially when the food basket is composed of very few items.

Monitoring the percentage changes of quarterly prices reveals whether recent changes are normal or abnormal when compared to a reference period (e.g. the previous quarter, the previous year or the baseline period).

Column D shows **what each food item contributes to total household energy intake**. The analysis is based on quarterly price¹ changes of the main food items (those that contribute at least 5% of caloric intake²):

- i) "Change from last quarter" (column E) shows how far quarterly nominal prices have changed from the previous quarter (percentage change).
- **ii)** "Seasonally adjusted quarterly change" (column F) shows how far quarterly prices have changed from the previous quarter, once prices have been adjusted for seasonality (percentage change). This indicator is calculated by dividing each monthly nominal price by its corresponding baseline average price.³
- iii) "Monthly change from last year" shows how the monthly nominal price has changed from the same month in the previous year (percentage change). The indicator reflects the data for the latest available month of the last quarter.
- iv) "Quarterly change from last year" (column H) is the percentage change of the quarterly nominal prices.
- v) "Quarterly price change from baseline" (column I) shows how far quarterly prices have changed from baseline average prices⁴ (percentage change).

How the impact on the cost of the food basket is assessed

The **'cumulative impact of the quarter'** (column L) shows the partial (known) change in the total cost of the food basket since the previous quarter. The **'cumulative impact from the baseline'** (column M) shows the change from the baseline. This approach seeks to derive the quantities of food consumed from the caloric contribution of each item in order to estimate the cost of the food basket and from there, the impact of price changes.

The impact calculation assumes that each food basket provides 2,100 kcal a day, and that the proportional caloric contribution is a proxy of the relative importance of the item in the food basket. It comprises the following calculations:

a) the total food basket energy is multiplied by the proportion of each item to give the absolute energy (in kcal) each item contributes to the total energy intake; b) each item's absolute energy is divided by its caloric density⁵ to give the weight of that item in the food basket; and c) each item's weight is multiplied by its unit nominal/seasonally adjusted price to calculate the relative cost of each food basket item.

Costs are only calculated for energy contributors for which prices are available. To avoid bias, the other energy contributors that fill the gap to 2,100kcal are ignored. Thus, the total cost of the known part of the food basket is the sum of the itemized commodity costs (step c).

The **'quarterly cost share of food basket'** (column K) indicates the proportion each item represents in the total cost of the known food basket. The cumulative impact values are then calculated by comparing the seasonally adjusted $cost^6$ of the food basket with the cost in the previous quarter (column L) and against the baseline period (column M), as percentage changes. The likely impact is considered low when the percentage change is below 0, moderate when it is between 0 and 5%, high between 5 and 10%, and severe above 10%.

For further details on this approach, please visit <u>http://www.wfp.org/content/price-analysis-methods</u>

- 2. Caloric contributions are based on FAO 2005-2007 estimates.
- The baseline is an average of prices for the last five years of the same month. Note that this indicator requires a minimum two years' worth of data (see column N).
 See note 3 above.
- See note 9 above.
 Caloric densities are based on NutVal 4.0 estimates.
- 6. For countries where seasonally adjusted prices cannot be derived, the nominal food basket cost is considered to measure the impact.

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^{1.} Prices are calculated as indices, using reference years. 'Last year' captures 12-month percentage changes, and 'last 5 years' captures percentage changes from long-term patterns.