

HOW WOULD RECENT EVENTS AFFECT
YOUR FINANCIAL INVESTMENTS?

FIND ANSWERS ON THE
ARM WEEKLY ECONOMIC
& FINANCIAL COMMENTARY



Weekly Commentary & Stock recommendation ...for the week 13 July – 17 July 2020

Global Economy

- ◆ China's economy grew faster than expected in Q2 20, with the GDP expanding by 3.2%, as against consensus expectation of a 2.5% expansion. The growth in the quarter was a recovery from the 6.8% contraction posted in the previous quarter, as economic activities resumed from months lockdown in April. All segments of the economy improved from the previous quarter, with industrial production (+4.8%) and fixed asset investments (-3.1%) beating expectations, while retail sales (-1.8%) printed much lower than expected – highlighting the underlying weakness in consumer spending. Over in the US, the inflation rate rose 0.6% YoY in June from a four-and-a-half-year low of 0.1% in the previous month, and in line with consensus expectation. The rise in consumer prices stemmed from a jump in prices of food (4.5%) and medical services (6%). Meanwhile, amidst still-rising corona virus cases, the US recorded an increase in initial jobless claims for the 17th consecutive week, printing at 1.3 million from 1.31 million in the previous week. This brings the total filings to 51 million since the filings peaked in late March.

Domestic Economy

- ◆ Data released by the NBS showed Nigeria's inflation expanded to 12.56% YoY in June compared to headline figure of 12.4% YoY in May. The increase largely reflected an uptick in food inflation by 15.18% YoY compared to 15.04% YoY in May. On the other hand, core inflation surprisingly came in flat over the month at 10.13% YoY despite increases in transport (+33bps to 10.41%), HWEGF (+10bps to 7.86%) and health (+42 bps to 11.09%) sub-indices. On the former, the increase in food inflation reflected supply chain disruptions from movement restrictions. Consequently, both farm produce and imported food prices rose by 33 bps and 4 bps to 15.37% and 16.3% respectively. Similarly, MoM food inflation rose to 1.46% (vs. 1.42% in May) while headline inflation rose by 5bps MoM to 1.21%.

Equities and stock recommendation

- ◆ This week, the NSI ASI dropped by -0.08% WoW to close at 24,287.66 points, while market capitalization declined by the same rate to close at ₦12.67 trillion. The performance across the sectors was a mixed bag – Banking (-3.90%), Brewers (-10.29%), Construction (-5.14%) and Oil & Gas (-4.49%) were all down while Cement (0.47%), Telecom (3.12%), Personal Care (1.21%) and Food (0.24%) all rose. For individual stock performance, major drivers for the downside were observed in NB (-11.89%), CONOIL (-10.58%), JBERGER (-9.88%) and ETERNA (-9.38%) WoW. Meanwhile, positives were seen across CADBURY (+7.41%), DANGSUGA (+3.45%) and UNILEVER (+3.21%) WoW.
- ◆ Here are the stocks we recommend for the upcoming week: **Dangcem Plc – STRONG BUY (FVE: ₦240.87)**, **Nestle Plc – OVERWEIGHT (FVE: ₦1404.4)**, **Guaranty – STRONG BUY (FVE: ₦37.00)** and **Zenith Bank Plc – STRONG BUY (FVE: ₦28.0)**. Click [here](#) for our Weekly Stock Recommendation.

Fixed Income

- ◆ At this week's NTB auction the DMO rolled over ₦107.05 billion on the back of a subscription of ₦184.14 billion (1.72x). The average stop rate at the auction declined 21bps to 2.15%. Money market rates crashed by an average of 735bps to 3.05% on Thursday following an OMO maturity of ₦69.55 billion which the CBN decided against mopping up. However, they were back up by 1800bps to 21.04% today, following an FX auction. Additionally, the DMO released the bond auction calendar for Q320 which showed they would be offering a maximum of ₦450 billion across 4 maturities, including a new 25-year issuance – July-2045, over the 3 auctions.
- ◆ In the secondary market, the average fixed income yield declined 16bps WoW to 4.60%. The average bond yield was 13bps lower at 7.28% over the week led by declines in the March-2024 (-53bps) and July-2021 (-26bps) bonds. The average NTB yield closed at 1.92%, a 19bps WoW decline, with the biggest fall occurring on the 182-day paper (-95bps).

The week in Review

◆ China's economy grew faster than expected in Q2 20, with the GDP expanding by 3.2%, as against consensus expectation of a 2.5% expansion. The growth in the quarter was a recovery from the 6.8% contraction posted in the previous quarter, as economic activities resumed from months lockdown in April. All segments of the economy improved from the previous quarter, with industrial production (+4.8%) and fixed asset investments (-3.1%) beating expectations, while retail sales (-1.8%) printed much lower than expected – highlighting the underlying weakness in consumer spending.

◆ Over in the US, the inflation rate rose 0.6% YoY in June from a four-and-a-half-year low of 0.1% in the previous month, and in line with consensus expectation. The rise in consumer prices stemmed from a jump in prices of food (4.5%) and medical services (6%). Meanwhile, amidst still-rising corona virus cases, the US recorded an increase in initial jobless claims for the 17th consecutive week, printing at 1.3 million from 1.31 million in the previous week. This brings the total filings to 51 million since the filings peaked in late March.

Global Fixed Income

	1-Yr Tenor	WoW (pps)	10-yr Tenor	WoW (pps)	Inflation (%)
US	0.14		0.63	0.2	0.6
UK			0.01	-0.1	0.6
Euro	-0.37	-1.9	-0.18	5.1	0.3
Japan			-0.12	0.1	-0.2
China	2.38	-1.2	3.04	-1.4	2.5
India	3.36	-0.6	5.81	0.8	5.1
Mexico	4.65	0.0	5.50	-0.6	3.33
Turkey	18.87	-8.0	12.19	0.9	12.62
Russia	4.21	1.1	1.81	0.0	3.2
Egypt	13.50	0.05	13.95	2.95	5.6
South Africa	4.40	-2.9	9.38	0.5	2.1
Kenya	7.46	-3.1	12.42	3.0	4.6
Ghana	17.90	N/A N/A	19.00	0.0	11.2
Nigeria	3.35	-1.2	0.00	0.5	12.6

Global Currencies

	This Week	Prior Week	WoW (%)	YTD (%)
Euro (€)	1.1	1.1	1.2	2.0
GBP (£)	1.3	1.3	-0.4	-5.2
JPY (¥)	107.0	106.9	0.0	1.6
INR (₹)	75.0	75.2	0.2	-4.9
CNY (¥)	7.0	7.0	0.1	-0.4
MXN (\$)	22.6	22.4	-0.6	-16.2
RUB (₽)	71.9	70.8	-1.5	-13.8
ZAR (R)	16.7	16.8	0.6	-16.1
EGP (£)	16.0	16.0	0.2	0.5
KES (sh)	107.5	107.1	-0.3	-5.7
GHS (¢)	5.7	5.8	0.4	-0.7
XOF (₣)	574.8	581.1	1.1	1.8
XAF (₣)	573.6	580.1	1.1	2.1
NGN (₦)	388.1	388.0	0.0	-6.6

Global Commodities

		This Week	Prior Week	WoW (%)	YTD (%)
Brent Crude	\$/bbl	43.1	43.2	-0.3	-34.7
OPEC Crude	\$/bbl	43.8	43.3	0.8	-35.6
Gasoline	\$/gal	122.0	128.3	-4.9	-32.8
Natural Gas	\$/MBtu	1.7	1.8	-4.9	-26.0
Gold	\$/oz	1810.6	1798.7	0.7	19.3
Sugar	\$/lb	11.7	11.8	0.0	-15.5
Wheat	\$/bsh	535.0	534.0	0.2	-5.9
Crude Palm oil	MYR/MT	2614.0	2384.0	0.0	

Global Indicators for the Week

	Latest	Prior
China Trade Balance USD - June	\$46.42B	\$62.93B
Japan Industrial Production (YoY) - May	-26.3%	-25.9%
China Retail Sales (YoY) - June	-1.8%	-2.8%
EU Industrial Production (YoY) - May	-20.9%	-28.7%
US Consumer Price Index (YoY) - June	0.6%	0.1%
UK Consumer Price Index (YoY) - June	0.6%	0.5%
China Gross Domestic Product (YoY) - Q2	3.2%	-6.8%
US Retail Sales (MoM) - June	7.50%	18.20%

** means Preliminary Estimate

The week in Review

◆ Data released by the NBS showed Nigeria's inflation expanded to 12.56% YoY in June compared to headline figure of 12.4% YoY in May. The increase largely reflected an uptick in food inflation by 15.18% YoY compared to 15.04% YoY in May. On the other hand, core inflation surprisingly came in flat over the month at 10.13% YoY despite increases in transport (+33bps to 10.41%), HWEGF (+10bps to 7.86%) and health (+42 bps to 11.09%) sub-indices.

◆ On the former, the increase in food inflation reflected supply chain disruptions from movement restrictions. Consequently, both farm produce and imported food prices rose by 33 bps and 4 bps to 15.37% and 16.3% respectively. Similarly, MoM food inflation rose to 1.46% (vs. 1.42% in May) while headline inflation rose by 5bps MoM to 1.21%.

Currency	This Week	Prior Week	WoW (%)	YTD (%)	Report released this week (Click Link below for Full report)
External Reserve (\$'bn)	35.59	35.98	-1.08%	-7.79%	*NSR H220 - Fixed Income Strategy - Cloudy outlook, play short or medium term
USD/NGN (₦/\$)					*NSR H2 2020 - Monetary Policy - CBN to favor FX stability
NAFEX	382	370	-2.92%	-4.45%	*NSR H2 2020 - Fiscal Policy - New budget, same old problems
Parallel	402.5	375.0	-6.83%	-10.56%	*NSR H2 2020 - GDP - A Recession Looms
Economic Snapshot	Latest (%)	Prior	CHG (pps)	2020 Avg.	*NSR H2 2020 - Inflation - A Dance to the Rhythm of Regulations
Inflation YoY (April)			CHG (pps)		
Headline	12.34	12.26	0.08	12.17	
Core	9.98	9.73	0.25	9.39	
Food	15.03	14.99	0.04	14.85	
GDP (%) - YoY	Q1 20	Q4 19	Q3 19	FY19	
Real GDP	1.87	2.55	2.3	2.3	
Oil	5.1	6.4	6.5	4.6	News Headline for the week (click news for link)
Agriculture	2.2	2.3	2.3	2.4	*NERC moves to unbundle TCN into two firms
Manufacturing	0.4	1.2	1.1	0.8	*Nigeria, China finalising negotiations on N43.24bn Ibadan port
Services	3.5	4	3.5	3.4	*FG spent N1.25trn on debt service in 5 months
Labor Data (%) - Q3 18			Latest	Prior	*FG Distributes Subsidised Fertiliser to Vulnerable Farmers
Unemployment Rate			23.1	18.8	*CBN bans forex for maize importation
Underemployment			20.1	21.2	*Nigeria earned \$206bn from oil in five years – OPEC
Capital Importation (\$'mn)	Q4 19	Q3 19	QoQ (%)	YoY (%)	*FG vows to halve Internet cost by 2025
Foreign Portfolio Investment - Equities	353.65	358.19	-1.3%	62.0%	*AfCFTA: Nigeria Needs Digital Infrastructure for Effective Competition
Bonds	47.36	91.60	-48.3%	-96.0%	*Enugu airport reopens August 30 – FG
Money Market	1482.57	2549.71	-41.9%	50.8%	*Reps probe N5.8bn abandoned Niger port
Foreign Direct Investment	257.25	206.58	24.53%	-6.2%	*Lagos to implement more tax incentives, reliefs to taxpayers
Balance of Payment (\$'mn)	Q3 19	Q2 19	Q1 19	QoQ	*Transcorp Hotels Seeks to Raise N10bn from Existing Shareholders
Trade Balance	2,559	1,668	775	230.2%	*OPEC sees oil demand soaring in 2021 but still below 2019
CA Balance	(2,796)	(3,772)	(2,819)	-0.8%	*Net foreign inflow hit \$9.35bn in February – CBN

Source: CBN, NBS, FMDQ, Aboki FX, ARM Research

The week in Review

◆ This week, the NSI ASI dropped by -0.08% WoW to close at 24,287.66 points, while market capitalization declined by the same rate to close at ₦12.67 trillion. The performance across the sectors was a mixed bag – Banking (-3.90%), Brewers (-10.29%), Construction (-5.14%) and Oil & Gas (-4.49%) were all down while Cement (0.47%), Telecom (3.12%), Personal Care (1.21%) and Food (0.24%) all rose. For individual stock performance, major drivers for the downside were observed in NB (-11.89%), CONOIL (-10.58%), JBERGER (-9.88%) and ETERNA (-9.38%) WoW. Meanwhile, positives were seen across CADBURY (+7.41%), DANGSUGA (+3.45%) and UNILEVER (+3.21%) WoW.

◆ Here are the stocks we recommend for the upcoming week: **Dangcem Plc – STRONG BUY (FVE: ₦240.87)**, **Nestle Plc – OVERWEIGHT (FVE: ₦1404.4)**, **Guaranty – STRONG BUY (FVE: ₦37.00)** and **Zenith Bank Plc – STRONG BUY (FVE: ₦28.0)**. Click [here](#) for our Weekly Stock Recommendation.

Index Performance

	Level	Index Returns (%)				
		WoW	MTD	QTD	YTD	1 year
NSE ASI	24287.66	-0.08	-0.78	-0.78	-9.52	-13.39
NSE ASI (\$)	24287.66	-0.08	-1.30%	-1.30%	-15.47%	-19.52%
Market Cap (? 'bn)	A Invalid Sect	-0.08%	-0.78%	-0.78%	-2.23%	-6.88%
Market Cap (\$'mm)	A Invalid Sect	-0.46%	-1.30%	-1.30%	-8.66%	-13.85%
NSE 30	1032.74	-0.89	-1.84	-1.84	-12.32	-11.17
NSE Premium	2115.89	-0.12	-0.44	-0.44	-0.02	-7.45
NSE 50	1073.40	-2.20	-4.43	-4.43	-20.29	-21.09
NSE A SEM	741.05	0.00%	-0.14	-0.14	0.82	-4.98
NSE Banking	272.10	-3.92	-3.50	-3.50	-23.75	-19.15
NSE Insurance	123.33	-1.88	-4.93	-4.93	-1.98	5.03
NSE Consumer	405.78	-1.93	-8.13	-8.13	-31.55	-29.30
NSE Oil & Gas	191.12	-1.93	-2.72	-2.72	-27.20	-20.10
NSE Industrial	1099.97	0.52	-0.35	-0.35	2.27	3.90
NSE Lotus	1809.60	0.94	-0.88	-0.88	-1.37	0.84
NSE Pensions	915.73	-2.35	-3.92	-3.92	-13.12	-6.60

Sector Performance

	Returns (%)		
	WoW	QTD	YTD
Banking	-3.90%	-3.31%	-23.19%
Brewers	-10.29%	-15.10%	-49.13%
Cement	0.47%	2.57%	4.58%
Telecom	3.12%	2.35%	16.61%
Personal Care	1.21%	-10.92%	-36.64%
Construction	-5.14%	-12.14%	-12.71%
Food	0.24%	-5.07%	-16.94%
Insurance	-1.23%	-4.35%	-5.47%
Oil & Gas	-4.49%	-5.71%	-62.27%
Real Estate	0.00%	-0.26%	-0.29%

ARM Indices	Returns (%)		
	WoW	QTD	YTD
Large Cap (Top 10%)	0.01%	-0.40%	1.54%
Mid Cap (Mid 30%)	-0.61%	-3.36%	-12.23%
Small Cap (Bottom 60%)	0.20%	22.90%	-31.81%

Top 10 Gainers

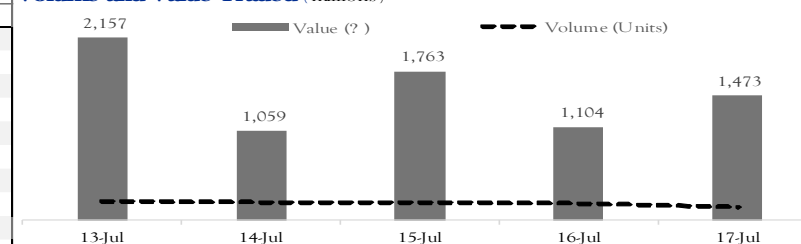
Company	This Week	WoW
CUTIX	1.82	10.3%
NPFMCRFB	1.32	10.0%
PRESCO	49.45	9.3%
CADBURY	7.25	7.4%
LIVESTOC	0.60	7.1%
COURTEVIL	0.21	5.0%
LASACO	0.26	4.0%
PRESTIGE	0.54	3.8%
DANGSUGA	12.00	3.4%
UNILEVER	12.85	3.2%

Top 10 Losers

Company	This Week	WoW
ETERNA	2.03	-9.4%
JBERGER	15.50	-9.9%
ARBICO	1.54	-9.9%
MOBIL	173.40	-10.0%
NB	30.00	-11.9%
LINKASSU	0.40	-14.9%
AIRSERVI	7.05	-5.5%
CONOIL	16.90	-10.6%
WAPIC	0.31	-11.4%
ABCTRANS	0.47	-7.8%

Source: NSE, Bloomberg, ARM Research

Volume and Value Traded (millions)



The week in Review

◆ At this week's NTB auction the DMO rolled over ₦107.05 billion on the back of a subscription of ₦184.14 billion (1.72x). The average stop rate at the auction declined 21bps to 2.15%. Money market rates crashed by an average of 735bps to 3.05% on Thursday following an OMO maturity of ₦69.55 billion which the CBN decided against mopping up. However, they were back up by 1800bps to 21.04% today, following an FX auction. Additionally, the DMO released the bond auction calendar for Q320 which showed they would be offering a maximum of ₦450 billion across 4 maturities, including a new 25-year issuance – July-2045, over the 3 auctions.

◆ In the secondary market, the average fixed income yield declined 16bps WoW to 4.60%. The average bond yield was 13bps lower at 7.28% over the week led by declines in the March-2024 (-53bps) and July-2021 (-26bps) bonds. The average NTB yield closed at 1.92%, a 19bps WoW decline, with the biggest fall occurring on the 182-day paper (-95bps).

	This Week	Prior Week	WoW change	Primary Market Auction (Rates)	90 Days	180 Days	1 Year	Issuance (N'billion)	90 Days	180 Days	1 Year
Money Market				OMO			OMO				
Overnight (O/N)	21.75%	14.00%	7.75%	02-Jul-20	4.95%	7.79%	8.99%	02-Jul-20	10.00	10.00	80.00
Open Buy Back (OBB)	20.33%	13.90%	6.43%	18-Jun-20	4.95%	7.79%	8.99%	18-Jun-20	10.00	10.00	60.00
NIBOR - 1M	4.79%	5.89%	-1.10%	11-Jun-20	4.95%	7.79%	8.99%	11-Jun-20	5.00	5.00	50.00
NIBOR - 3M	5.87%	6.27%	-0.40%	04-Jun-20	4.95%	7.79%	8.99%	04-Jun-20	20.00	20.00	30.00
NIBOR - 6M	5.52%	5.80%	-0.28%	28-May-20	7.00%	8.75%	9.90%	28-May-20	4.00	50.00	60.00
Treasury Bills				Treasury Bills			Treasury Bills				
					91 Day	182 Day	364 Day		91 Day	182 Day	364 Day
1-month	1.89%	2.07%	-0.18%	15-Jul-20	1.30%	1.80%	3.35%	15-Jul-20	8.85	26.60	71.60
3-month	1.71%	1.46%	0.25%	01-Jul-20	1.79%	1.91%	3.39%	01-Jul-20	10.00	20.00	58.86
6-month	1.54%	2.49%	-0.95%	17-Jun-20	1.80%	2.04%	3.75%	17-Jun-20	2.00	2.00	10.61
9-month	2.74%	2.75%	-0.01%	10-Jun-20	2.00%	2.20%	4.02%	10-Jun-20	4.41	7.82	78.71
12-month	2.96%	2.96%	0.00%	27-May-20	2.45%	2.72%	4.02%	27-May-20	20.37	19.16	19.84
FGN Bonds (Local)				FGN Bonds			FGN Bonds				
					5 Year	10 Year	30 Year		5 Year	10 Year	30 Year
14.50% 15-JUL-2021	3.11%	3.37%	-0.26%	17-Jun-20	8.00%	11.00%	12.15%	17-Jun-20	33.0	16.2	50.8
16.39% 27-JAN-2022	4.08%	3.33%	0.75%	21-May-20	9.20%	11.70%	12.60%	21-May-20	40.1	82.3	53.7
14.20% 14-MAR-2024	4.00%	4.53%	-0.53%	22-Apr-20	9.00%	12.00%	12.50%	22-Apr-20	15.0	30.0	25.0
12.50% 22-JAN-2026	7.02%	7.05%	-0.03%	25-Mar-20	10.00%	12.50%	12.98%	25-Mar-20	55.0	65.0	40.0
16.2884% 17-MAR-2027	8.18%	8.12%	0.06%	19-Feb-20	8.75%	10.70%	12.12%	19-Feb-20	29.3	106.4	276.1
12.1493% 18-JUL-2034	9.75%	10.15%	-0.40%	Corporate Bonds			Corporate Eurobond				
					This Week	Prior Week	WoW (%)		This Week	Prior Week	WoW (%)
16.2499% 18-APR-2037	9.91%	10.06%	-0.15%	MIXTA 17.00% 16-JAN-2022	4.31%	4.29%	-0.21%	ACCESS 10.50% 19-OCT-2021	7.79%	7.80%	-0.01%
14.8% 26-APR-2049	10.55%	10.90%	-0.35%	FIDELITY 16.48% 13-MAY-2022	5.29%	4.77%	-0.77%	ZENITH 7.375% 30-MAY-2022	7.43%	6.98%	0.45%
FGN Eurobonds				LAPO MFB 17.75% 19-DEC-2022	5.84%	5.48%	-0.73%	UBA 7.75% 08-JUN-2022	7.78%	7.79%	-0.01%
5.625% 27-JUN-2022	5.12%	5.21%	-0.09%	STERLING 16.50% 3-AUG-2023	5.04%	5.25%	-0.64%	SEPLAT 9.25% 1-APR-2023	9.15%	9.06%	0.09%
6.50% 28-Nov-2027	7.77%	7.81%	-0.04%	FCMB 17.25% 8-DEC-2023	5.37%	5.76%	-0.76%				
7.875% 16-FEB-2032	8.83%	8.90%	-0.07%	STANBIC 13.25% 30-SEP-2024	5.89%	6.27%	-0.84%				
7.625% 28-Nov-2047	8.79%	8.86%	-0.07%	VIATHAN 16.00% 14-DEC-2027	6.56%	6.83%	-0.90%				
				UNION 16.20% 27-JUN-2029	11.94%	12.09%	-0.15%				

Source: DMO, FMDQ, Bloomberg, ARM Research

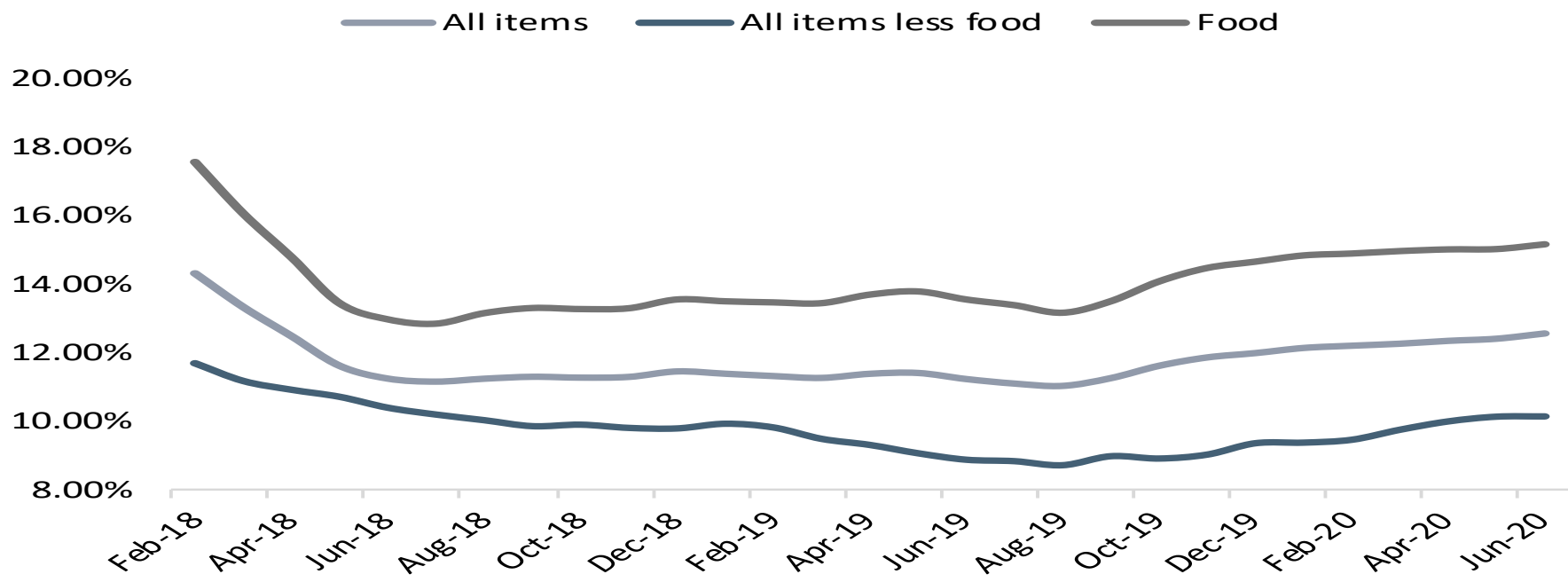
Economic and Financial Calendar for the week 13th July - 17th July

	Monday 20-Jul	Tuesday 21-Jul	Wednesday 22-Jul	Thursday 23-Jul	Friday 24-Jul
Global	China PBoC Interest Rate Decision	UK Public Sector Net Borrowing - June	SA Consumer Price Index (YoY) - June	SA SARB Interest Rate Decision	UK Retail Sales (YoY) - June
	Japan National Consumer Price Index (YoY) - June		SA Retail Sales (YoY) - April		EU Markit PMI Composite - July**
			Mexico Retail Sales (YoY) - May		US Markit PMI Composite - July**
Domestic	Selected Food Prices - June	FAAC June 2020 Disbursement			

** means Preliminary Estimate

Nigeria inflation

This week we feature the trend in Nigeria’s inflation from 2018 till date. Recent data from NBS showed that inflation expanded to 12.56% YoY in June compared to headline figure of 12.4% YoY in May.



Source: NBS, ARM Research



Thank You

ARM Securities

Research	234 (1) 2701653	research@armsecurities.com.ng
Institutional Sales & Trading	234 (1) 448 8833	trading@armsecurities.com.ng
Customer Service	234 (1) 4488282	customerservice@armsecurities.com.ng

Copyright © 2020 ARM Securities Limited (“ARM”).

All rights reserved. Unauthorised use, reproduction, distribution, or disclosure of this document is strictly prohibited.

This material has been issued by ARM Securities Limited, a member of the Asset & Resource Management (“ARM”) Group, and a Company regulated by the Nigerian Securities & Exchange Commission. The analyst(s) primarily responsible for preparing this research report, in whole or in part, certifies that with respect to each security or issuer covered; all the views expressed accurately reflect his/her personal views about the subject securities and issuers and no part of his/her compensation was, is, or will be, directly or indirectly, related to the inclusion of specific recommendations or views in the report.

This research report is based on information from sources that ARM and its analysts believe to be reliable. Neither ARM nor any of its research analysts, nor any member of the ARM Group, gives any representation or warranty, express or implied, or undertaking of any kind or assumes responsibility or liability of any kind with respect to the accuracy or completeness of the information set out in this report or any third party’s use (or the results of such use) of such information. This report is provided solely for informational purposes and is not to be construed as providing advice, recommendations, or endorsements of any kind whatsoever. The investments and strategies discussed here may not be suitable for all investors; counsel of investment advisor should be obtained with regards to such investments and or strategies. This research report is not a replacement for advice from an accountant, lawyer, personal finance advisor or other category of investment advisor. The investments discussed in this report may oscillate in price or value. Opinions and information provided are made as of the date of the report issue and are subject to change without notice. This research report is not intended as an offer or solicitation for the purchase or sale of any financial instrument. Reference herein to any specific security or financial instrument does not necessarily constitute or imply its endorsement or recommendation by ARM, its directors, officers, employees, or designated agents. Members of ARM may act as broker, advisor, or lender, or make a market in any investments or issuers referenced in this report. Further information on any of the securities discussed herein may be obtained upon request to ARM. By accepting this document, you agree to be bound by the foregoing limitations.