



GHANA  
STATISTICAL SERVICE

**PRESS RELEASE**

CONSUMER PRICE INDEX AND  
INFLATION

8<sup>th</sup> September 2021

### **In this release, we present:**

- Definition and Measurement of Consumer Price Index (CPI) and Rate of Inflation
- CPI and Rate of Inflation for August 2021
- Dominant Divisions of Rate of Inflation for August 2021
- Disaggregation of Rate of Inflation for August 2021
- Highlights of CPI and Rate of Inflation for August 2021

## Definition and measurement of CPI and rate of inflation (1/3)

- CPI measures changes in the price of a fixed basket of goods and services purchased by households
- The assumption is that the basket is purchased each month, hence as price changes each month, the total price of the basket will also change
- The rate of inflation is the relative change in CPI between periods
- Inflation is reported year-on-year (annual inflation) and month-on-month (monthly inflation), and granulated to determine regional and commodity type and source of inflation



## Definition and measurement of CPI and rate of inflation (2/3)

- CPI does not measure price levels
- CPI is a price perspective measure and cost-of-living index is an expenditure oriented measure
- Data (market readings) are captured monthly
- Key variables are prices, quantities and expenditure weights of items
- Price reference year is 2018 (2018 = 100)



## Definition and measurement of CPI and rate of inflation (3/3)

- Prices are collected for approximately 39,500 products every month.
- Price collection is done in 44 markets
- Prices are collected from 7,726 outlets.
- Products are ordered in a hierarchy of 13 Divisions, 44 Groups, 98 Classes, 156 Subclasses and 307 Items.
- Every Item can only be part of one Subclass, and every Subclass can only be part of one Class, etc.



Ghana  
Statistical Service

4

CPI release  
August 2021

## CPI and inflation for August 2021

- CPI for August 2021 is 131.7 relative to 120.0 in August 2020
- Year-on-year inflation rate for August 2021 was 9.7%
- This means that in the month of August 2021 the general price level was 9.7% higher than in August 2020
- Month-on-month inflation between July 2021 and August 2021 was 0.3%

Month	CPI	Inflation		Quarterly Averages
		Monthly	Yearly	
July-2020	120.5	0.5%	11.4%	Q3: 10.8%
Aug - 2020	120.0	-0.4%	10.5%	
Sep - 2020	119.8	-0.2%	10.4%	
Oct- 2020	120.1	0.2%	10.1%	Q4: 10.1%
Nov-2020	120.4	0.3%	9.8%	
Dec-2020	121.5	0.9%	10.4%	
Jan-2021	122.7	0.9%	9.9%	Q1: 10.2%
Feb-2021	123.6	0.8%	10.3%	
Mar-2021	124.7	0.9%	10.3%	
Apr-2021	126.6	1.5%	8.5%	Q2: 7.9%
May-2021	127.6	0.8%	7.5%	
June-2021	129.2	1.3%	7.8%	
July-2021	131.3	1.6%	9.0%	
<b>August-2021</b>	<b>131.7</b>	<b>0.3%</b>	<b>9.7%</b>	



Ghana  
Statistical Service

5

CPI release  
August 2021

## Disaggregation of August 2021 rate of inflation

- Food inflation was 10.9%
  - Last month this was 9.5%
  - Average over last 12 month was 10.4%
  - Month-on-month Food inflation was 0.2%.
- Non-food Inflation was 8.7%
  - Last month this was 8.6 %
  - Average over last 12 month was 8.8%
  - Month-on-month Non-Food inflation was 0.3%
- Inflation for locally produced items was 10.3%
- Inflation for imported items was 8.1%

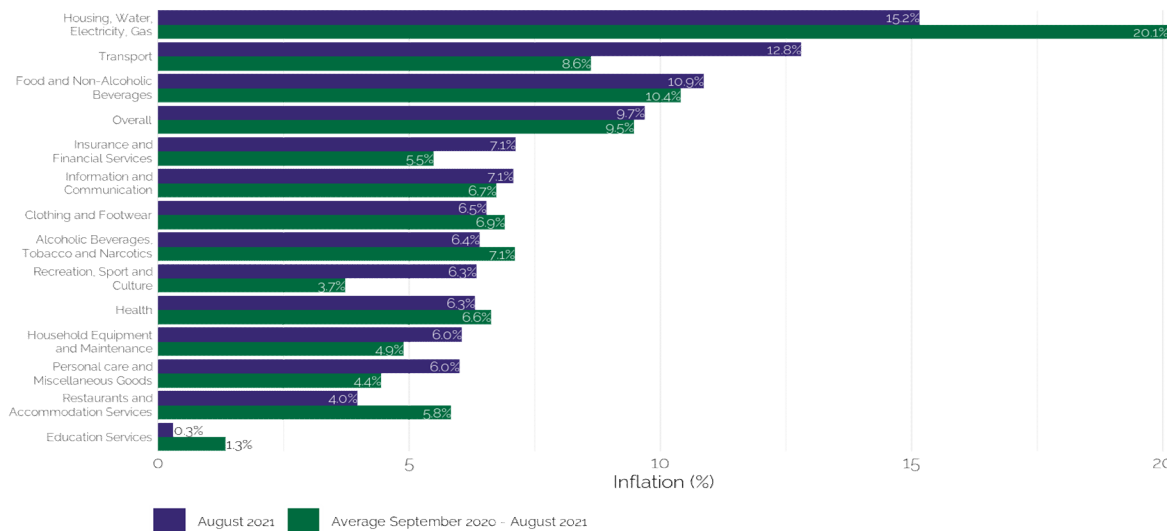


Ghana  
Statistical Service

6

CPI release  
August 2021

## Disaggregation of year-on-year inflation by Division

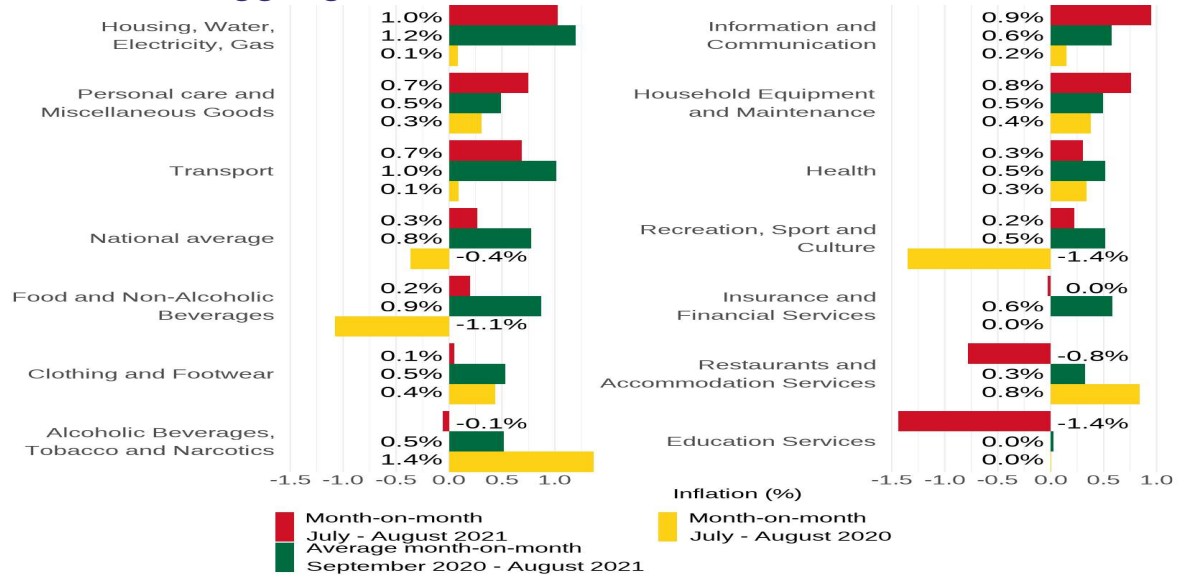


Ghana  
Statistical Service

7

CPI release  
August 2021

## Disaggregation of month-on-month inflation

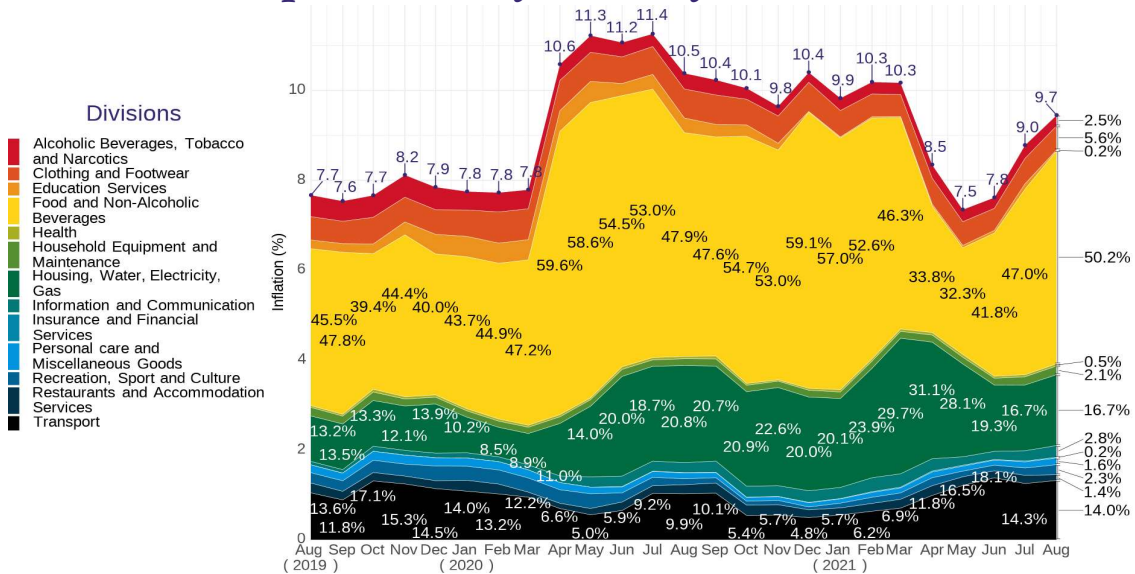


Ghana  
Statistical Service

8

CPI release  
August 2021

## Composition of year-on-year inflation

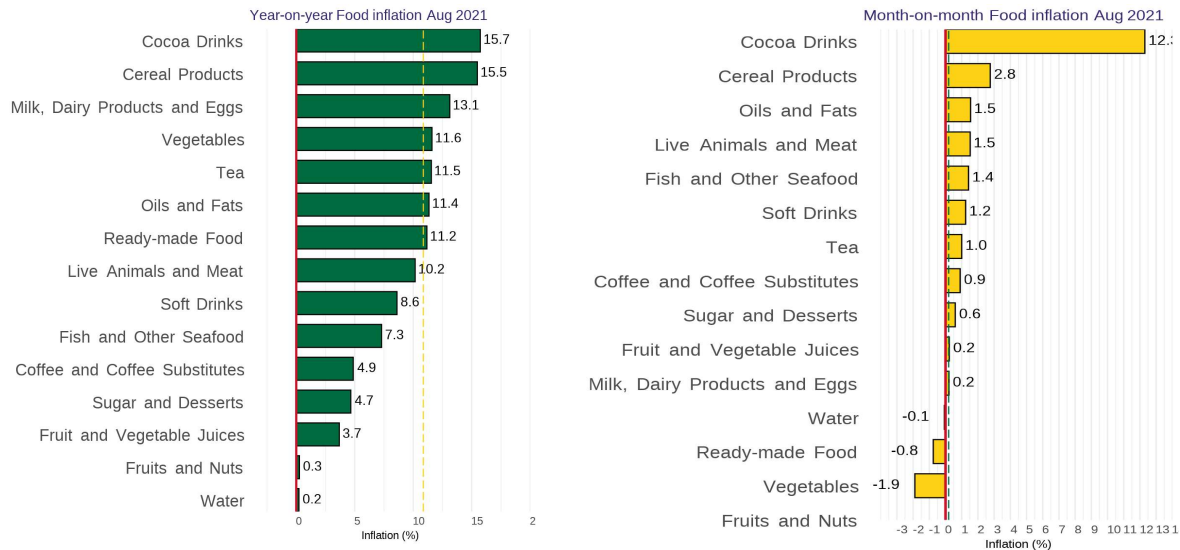


Ghana  
Statistical Service

9

CPI release  
August 2021

## Disaggregation of YoY and MoM Food-inflation by Subclass

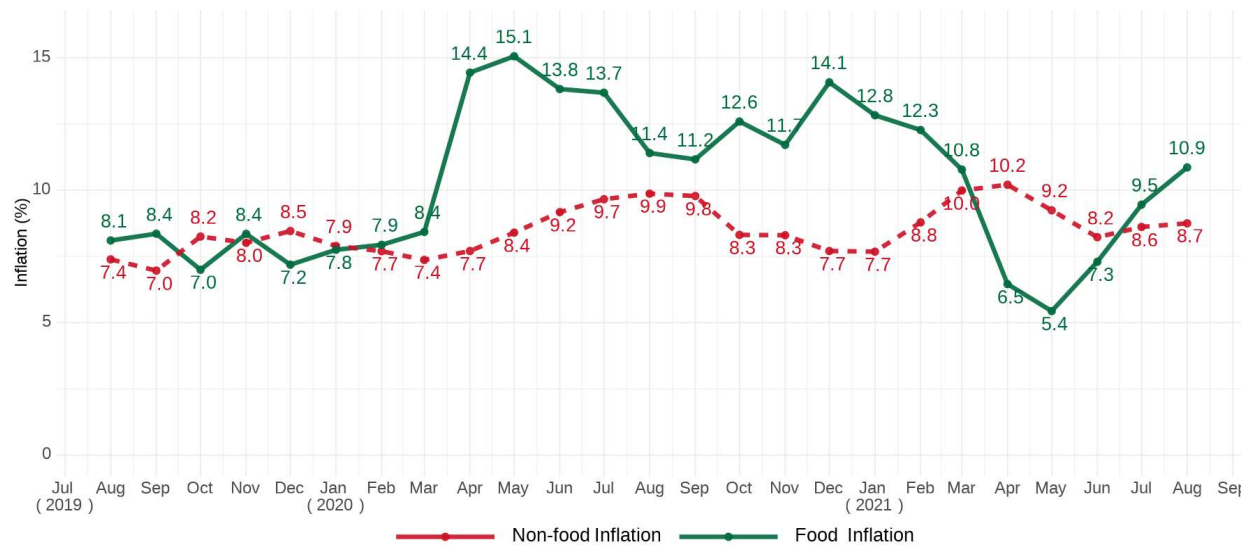


Ghana  
Statistical Service

10

CPI release  
August 2021

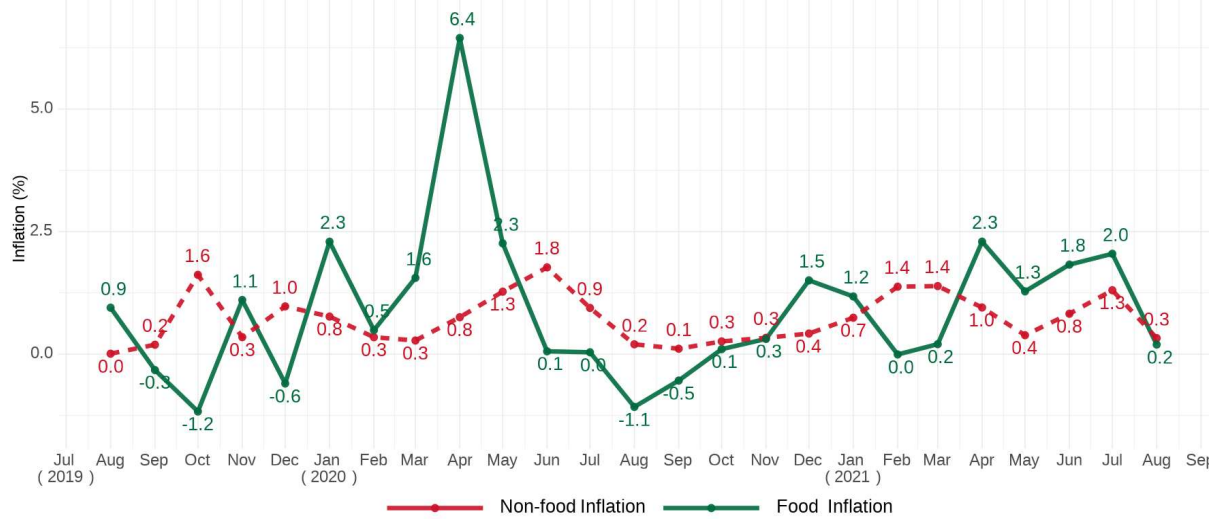
## Food & Non-Food year-on-year inflation August. 19–August. 21



Ghana  
Statistical Service

CPI release  
August 2021

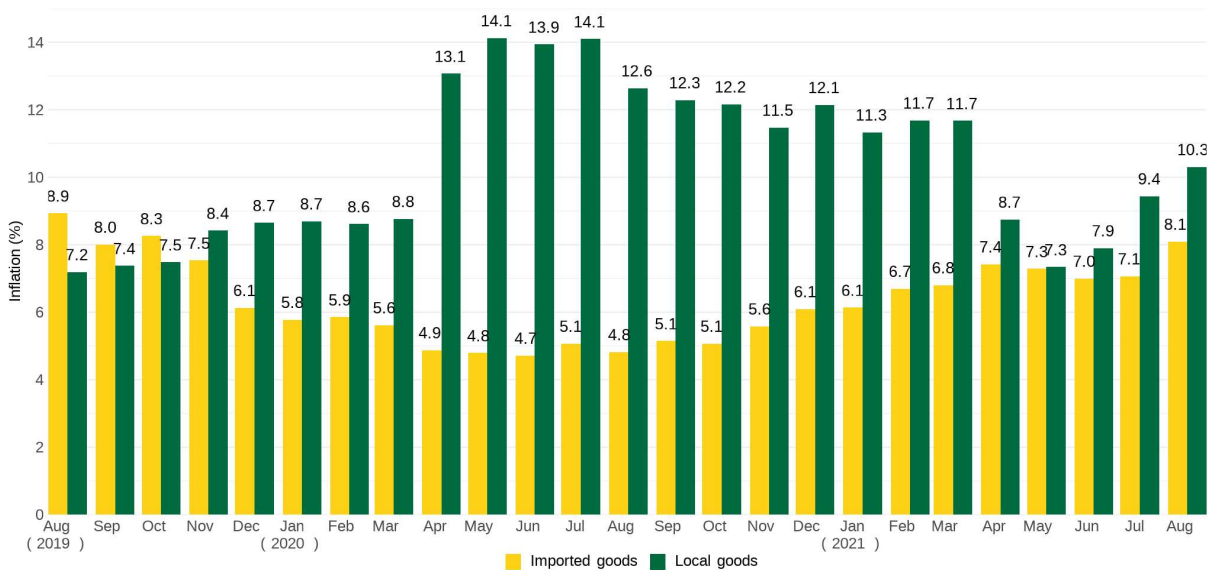
## Food & Non-Food month-on-month inflation Aug. 2019–August. 2021



Ghana  
Statistical Service

CPI release  
August 2021

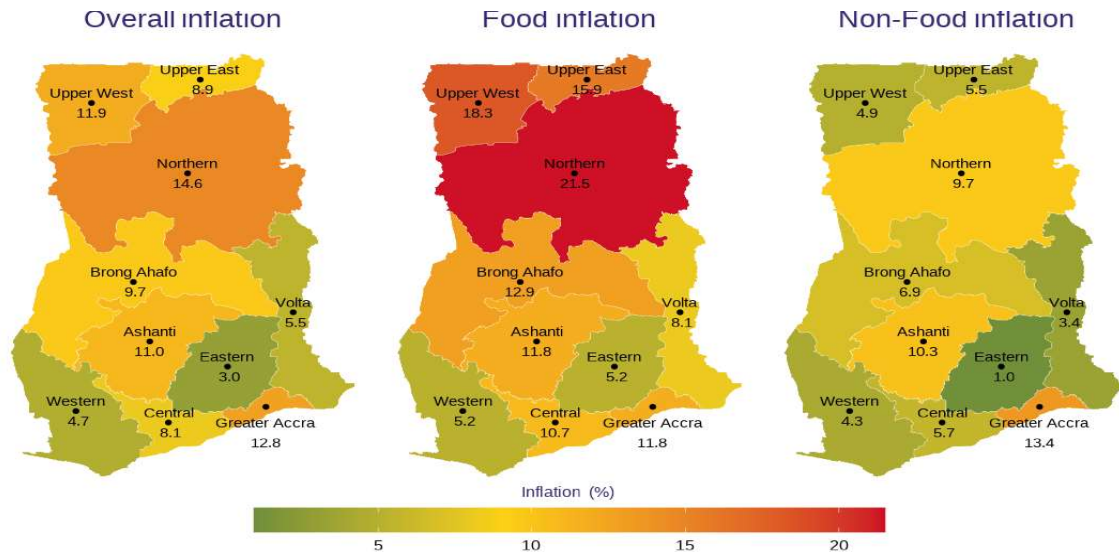
## Imported and local inflation August 2019 – August 2021



Ghana  
Statistical Service

CPI release  
August 2021

## August 2021 regional rates of inflation



Ghana  
Statistical Service

14

CPI release  
August 2021

## Disaggregation of inflation in Northern Region for August. 2021

Northern Region	Weight	(%)	Northern Region - Food	Weight	(%)
Transport		26.3	Cereal Products		41.2
Food and Non-Alcoholic Beverages		21.5	Vegetables		26.8
Information and Communication		15.5	Tea		18.9
Housing, Water, Electricity, Gas		11.1	Fish and Other Seafood		16.3
Alcoholic Beverages, Tobacco and Narcotics		10.3	Milk, Dairy Products and Eggs		15.3
Recreation, Sport and Culture		8.4	Live Animals and Meat		14.8
Furnishing, household equipment and		8.3	Oils and Fats		12.5
Maintenance		5.2	Soft Drinks		5.3
Personal care and Miscellaneous Goods		1.6	Fruits and Nuts		5.2
Clothing and Footwear		0.8	Fruit and Vegetable Juices		3.8
Health		-2.3	Sugar and Desserts		3.6
Education Services			Coffee and Coffee Substitutes		3.4
			Ready-made Food		2.5
			Water		0.6
Northern - Overall		14.6	Northern Region - Food		21.5



Ghana  
Statistical Service

15

CPI release  
August 2021



## Highlights

1. Year-on-year inflation for August 2021 was 9.7%.
2. Month-on-month (July 2021 – August 2021) inflation was 0.3%.
3. Year-on-year variation between food (10.9%) and non-food inflation (8.7%) was 2.2%.
4. Month-on-month food inflation this month was less than non-food inflation by 0.1 percentage point (0.2% vs 0.3%).
5. Food and non-alcoholic beverages was the dominant driver for the higher rate of inflation in August 2021.
6. Inflation for August 2021 indicates that food contributes more than half to overall inflation, when combined with housing more than two-thirds, and further including transport more than four-fifths.
7. Inflation for locally produced items continue to dominate imported items but imported items show a marginally higher increase.
8. Inflation rates for Northern, Upper East and Upper West regions continue to soar.



Ghana  
Statistical Service

Dial by your location  
+1 346 248 7799 US (Houston)

CPI release  
August 2021

## End of Press Release for August 2021 Consumer Price Index

*For enquiries, please contact:*

[https://statsghana.gov.gh/gssmain/fileUpload/Price%20Indices/CPI\\_Technical\\_Guide\\_v5\\_Published\\_14102020.pdf](https://statsghana.gov.gh/gssmain/fileUpload/Price%20Indices/CPI_Technical_Guide_v5_Published_14102020.pdf)

*Mr. John F.K. Agyaho  
(Head, Price Statistics, GSS)  
john.agyaho@statsghana.gov.gh*



Ghana  
Statistical Service

CPI release  
August 2021