



BANK OF GHANA

Summary of Economic and Financial Data

November 2019

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1. Price Developments

		2019:01	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10
<i>Consumer Price Index</i>										
All Consumer Prices (old series)		229.0	234.0	236.5	238.6	240.5	242.0	...	...	...
... Food Prices		161.0	164.9	165.0	166.0	167.4	168.1	...	...	...
... Non-Food Prices		282.2	288.0	292.4	295.4	297.7	299.8	...	...	...
All Consumer Prices (new series)		...	...	...	...	...	...	108.7	108.6	109.0
... Food Prices		...	...	...	...	...	...	109.4	109.1	107.6
... Non-Food Prices		...	...	...	...	...	...	108.1	108.3	110.0
<i>Annual Consumer Price Inflation</i>										
All Consumer Prices (old series)	%	9.0	9.3	9.5	9.4	9.1	9.4	...	...	...
... Food Prices	%	8.0	8.4	7.3	6.7	6.5	6.6	...	...	...
... Non-Food Prices	%	9.5	9.7	10.4	10.6	10.3	10.7	...	...	...
All Consumer Prices (new series)	%	...	...	...	...	...	...	7.8	7.6	7.7
... Food Prices	%	...	...	...	...	...	...	8.2	8.5	7.0
... Non-Food Prices	%	...	...	...	...	...	...	7.4	7.0	8.2
<i>Core Measures of Inflation</i>										
Core 1 (INF excl. energy & util) (old series)	%	10.0	10.3	10.1	10.0	9.5	9.6	...	...	...
Core 2 (INF excl. energy, util & volatile food)	%	10.4	10.6	10.7	10.7	10.2	10.3	...	...	...
Core 3 (INF excl. energy, util, volatile food & trans)	%	9.9	10.2	10.0	9.9	10.2	10.3	...	...	...
Core 4 (INF excl. energy, util & all food items)	%	11.0	11.2	11.7	11.8	11.2	11.3	...	...	...
Core 1 (INF excl. energy & util) (new series)	%	...	...	...	...	...	...	7.4	6.4	7.0
Core 2 (INF excl. energy, util & volatile food)	%	...	...	...	...	...	...	7.1	6.0	7.3
Core 3 (INF excl. energy, util, volatile food & trans)	%	...	...	...	...	...	...	7.9	6.5	6.5
Core 4 (INF excl. energy, util & all food items)	%	...	...	...	...	...	...	6.6	5.3	7.2

SOURCE: Ghana Statistical Service, Bank of Ghana

NOTE 1: INF = Inflation, util = Utility, trans = Transport

NOTE 2: Data subject to revision.

NOTE 3: Annual inflation is calculated as a percentage change from the same period a year ago.

NOTE 4: Old series reflects CPI (Year 2012=100), New series reflects CPI (Year 2018=100).

2. Real Sector Indicators

	2018:06	2018:08	2018:09	2018:10	2018:12	2019:02	2019:03	2019:06	2019:07	2019:08	2019:09	2019:10	
<i>CIEA (Year 2001 = 100)²</i>													
Nominal Index	1804.0	1856.8	1845.9	1872.7	1938.2	1911.4	1961.5	1974.3	2014.6	2010.6	2009.7	...	
... Annual Growth	%	8.0	7.7	11.6	12.7	7.7	11.4	11.4	9.4	9.9	8.3	8.9	...
Real CIEA (Annual Growth)		2.7	2.0	5.9	7.1	2.4	5.0	4.2	3.3	4.8	3.6	4.4	...
<i>Gross Domestic Product (Quarterly)</i>													
Nominal	million GHC	72500.4	...	74222.6	...	80874.0	...	84726.7	84126.1	...	...	...	...
Real (in 2013 prices)	million GHC	37804.9	...	39299.4	...	39473.2	...	40495.9	39952.6	...	...	...	...
... Overall GDP (incl oil)	Annual (%)	5.4	...	7.4	...	6.8	...	6.7	5.7	...	...	...	...
... Overall GDP (excl oil)	Annual (%)	5.0	...	8.5	...	8.4	...	6.0	4.3	...	...	...	...
<i>Sector Annual Growth</i>													
... Agriculture	%	4.8	...	5.5	...	4.4	...	2.2	3.1	...	...	...	...
... Industry	%	11.1	...	11.7	...	8.9	...	8.4	6.1	...	...	...	...
... Services	%	0.5	...	3.5	...	5.8	...	7.2	6.5	...	...	...	...
<i>Bank of Ghana Confidence Surveys</i>													
Consumer Confidence Index		102.2	98.1	...	92.3	98.3	98.6	...	99.2	...	96.0	...	95.6
Business Confidence Index		101.4	99.9	...	95.1	97.3	93.5	...	94.1	...	98.1	...	99.6

SOURCE: Ghana Statistical Service, Bank of Ghana

NOTE 1: Data subject to revision. Annual growth is calculated as a percentage change from the same period a year ago.

NOTE 2: Overall GDP growth for 2018: incl oil = 6.3%, excl oil = 6.5%

²Composite Index of Economic Activity

3. Money Market Rates (monthly averages)

		2018:10	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10
<i>Money Market</i>												
Monetary Policy Rate	%	17.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
Interbank Weighted Average	% p.a.	16.19	16.12	15.63	15.22	15.21	15.20	15.20	15.20	15.20	15.20	15.20
<i>Treasury Instruments (interest equivalent)</i>												
91-Day Bill	% p.a.	13.59	14.65	14.71	14.71	14.70	14.85	14.75	14.73	14.72	14.69	14.69
182-Day Bill	% p.a.	14.35	15.10	15.14	15.15	15.10	15.38	15.23	15.18	15.15	15.14	15.14
364-Day Bill	% p.a.	...	17.38	18.22	18.11	18.05	18.01	17.92	17.90	17.91	17.91	17.91
2-Year Note	% p.a.	19.50	19.75	19.75	19.75	19.75	20.00	19.75	19.75	19.00	19.00	19.00
3-Year Bond	% p.a.	19.50	20.00	20.00	20.00	19.75	19.70	19.75	19.70	19.70	19.70	19.70
5-Year Bond	% p.a.	16.50	16.50	16.50	16.50	19.75	19.70	19.75	19.50	19.50	19.50	19.50
<i>Secondary Market</i>												
6-Year Bond	% p.a.	...	...	20.69	19.20	20.10	20.00	19.66	19.64	19.98	20.30	20.21
7-Year Bond	% p.a.	19.30	20.62	20.98	19.84	19.76	19.92	19.46	19.33	19.26	19.71	19.79
10-Year Bond	% p.a.	19.30	21.26	21.12	19.62	19.97	20.12	19.75	19.70	19.56	19.92	19.92
15-Year Bond	% p.a.	19.50	21.05	21.45	21.06	20.68	20.58	20.03	19.68	19.71	20.17	20.25
20-Year Bond	% p.a.	...	...	...	...	...	...	...	...	19.52	20.33	20.32
<i>Deposit Rates</i>												
Demand Deposits	% p.a.	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
Savings Deposits	% p.a.	7.55	7.55	7.55	7.55	7.55	7.55	7.55	7.55	7.55	7.55	7.55
<i>Time Deposits</i>												
... 3-months	% p.a.	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50
... 6-months	% p.a.	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50
<i>Credit Market</i>												
Average Lending Rate (new)	% p.a.	23.90	23.73	23.50	23.26	23.09	23.08	23.11	24.10	23.96	23.68	23.65
Ghana Reference Rate	% p.a.	16.14	16.66	16.27	16.13	16.14	16.11	16.18	16.14	16.13	16.11	16.12

SOURCES: Bank of Ghana, Bloomberg (Secondary Market Rates)

4. Foreign Exchange Rates (Interbank)

	2018:10	2018:11	2018:12	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10	2019:11
<i>Nominal Bilateral Exchange Rates</i>												
GHC/USD	4.7899	4.8060	4.8200	5.0834	5.0881	5.2011	5.2590	5.2570	5.2814	5.3161	5.3372	5.3776
... Year-to-date (app(+)) depr(-)) %	-7.81	-8.12	-8.39	-5.18	-5.27	-5.75	-8.35	-8.31	-8.74	-9.33	-9.69	-10.37
GHC/GBP	6.1115	6.1247	6.1711	6.6166	6.6297	6.4772	6.6787	6.4267	6.4296	6.5412	6.9010	6.9489
... Year-to-date (app(+)) depr(-)) %	-2.4	-2.6	-3.3	-6.7	-6.9	-4.7	-7.6	-4.0	-4.0	-5.7	-10.6	-11.2
GHC/EUR	5.4187	5.4503	5.5130	5.7084	5.7001	5.7035	5.9832	5.8529	5.8095	5.7956	5.9445	5.9564
... Year-to-date (app(+)) depr(-)) %	-2.3	-2.8	-3.9	-3.4	-3.3	-3.3	-7.9	-5.8	-5.1	-4.9	-7.3	-7.4
<i>Real Effective Exchange Rate (REER)</i>												
REER Index	132.8	132.5	131.8	135.5	131.6	128.8	131.0	131.9	131.8	131.2	136.9	...

SOURCE: Bank of Ghana

NOTE 1: All exchange rates are as of end of the month. The last data observation is as of Thursday, 21st November 2019.

NOTE 2: Year to Date depreciation is calculated as = (Nominal Exchange Rate in December of the previous year / Nominal Exchange Rate of the current period - 1)*100

NOTE 3: The real effective exchange rate (REER) is compiled as the weighted average of the Ghanaian Cedi relative to an index or basket of 18 trading partner currencies, adjusted for the effects of inflation. The weights are determined by the respective shares of the 18 trading partners in Ghana's total trade.

(An increase = depreciation, decrease = appreciation)

5. Commodity Prices

		2018:10	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10
<i>Cocoa Price</i>												
International	USD per tonne	2138.9	2318.2	2273.8	2202.5	2370.4	2365.8	2467.1	2456.9	2238.6	2375.8	2474.1
... Year-to-Date Chg	%	12.3	2.7	0.8	-2.4	5.1	4.9	9.3	8.9	-0.8	5.3	9.7
Realized	USD per tonne	2126.6	2246.9	2387.7	2220.8	2451.8	2394.0	2471.5	2494.9	2124.5	2489.1	2475.0
... Year-to-Date Chg	%	-14.9	1.0	7.3	-0.2	10.2	7.6	11.1	12.1	-4.5	11.9	11.2
<i>Gold Price</i>												
International	USD per fine ounce	1214.0	1292.1	1320.0	1300.7	1286.2	1283.4	1359.7	1414.7	1501.0	1508.4	1494.3
... Year-to-Date Chg	%	-4.2	3.3	5.5	4.0	2.8	2.6	8.7	13.1	20.0	20.6	19.4
Realized	USD per fine ounce	1232.7	1290.1	1319.0	1298.9	1283.6	1282.4	1357.6	1407.6	1492.1	1502.1	1490.9
... Year-to-Date Chg	%	-2.6	2.9	5.2	3.6	2.3	2.3	8.3	12.2	19.0	19.8	18.9
<i>Brent Crude Oil Price</i>												
International	USD per barrel	80.6	60.2	64.5	67.0	71.7	70.3	63.1	64.2	59.5	62.3	59.6
... Year-to-Date Chg	%	25.4	4.4	11.8	16.3	24.2	21.9	9.3	11.3	3.1	8.0	3.4
Realized	USD per barrel	80.7	60.2	65.5	67.5	71.2	70.4	63.6	64.5	59.2	61.4	59.8
... Year-to-Date Chg	%	26.7	4.5	13.7	17.2	23.6	22.2	10.4	12.1	2.9	6.6	3.8

SOURCE: Reuters, Bank of Ghana

NOTE: Data subject to revision.

6. External Sector Developments (Cumulative)

		2018:10	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10
Trade Account												
Total Exports	million USD	12538.6	1342.0	2665.2	4017.2	5341.4	6757.2	8045.3	9354.5	10563.2	11692.8	13001.2
... Gold Exports	million USD	4708.1	457.1	932.3	1435.7	1954.2	2472.7	2990.6	3500.4	4120.0	4647.3	5230.4
... Cocoa Exports	million USD	1660.1	286.0	558.4	832.4	1042.8	1213.3	1353.7	1446.3	1507.4	1573.0	1669.5
... Oil Exports	million USD	3845.0	348.3	730.0	1054.1	1402.7	1872.8	2289.7	2733.2	3073.1	3425.5	3829.7
Total Imports	million USD	10928.5	1255.8	2258.0	3332.3	4251.6	5517.7	6593.3	7874.1	8965.5	10009.5	11195.1
... Oil Imports	million USD	2200.9	192.5	386.7	633.1	809.2	976.5	1175.1	1373.2	1522.4	1668.8	1861.2
... Non-Oil Imports	million USD	8727.6	1063.3	1871.3	2699.2	3442.5	4541.2	5418.1	6500.8	7443.1	8340.6	9333.8
Trade Balance	million USD	1610.1	86.2	407.2	684.9	1089.8	1239.5	1452.0	1480.4	1597.6	1683.4	1806.2
... percent of GDP	%	2.5	0.1	0.6	1.0	1.6	1.8	2.1	2.2	2.3	2.5	2.6
Balance of Payments												
Current Account Balance	million USD	...	...	...	232.1	...	...	-333.7	...	...	-829.5	...
... percent of GDP	%	...	...	...	0.3	...	...	-0.5	...	...	-1.2	...
Capital and Financial Account Balance	million USD	...	...	...	2689.4	...	...	1517.8	...	...	1514.2	...
... percent of GDP	%	...	...	...	3.9	...	...	2.2	...	...	2.2	...
Overall BOP	million USD	...	...	...	2997.3	...	...	1323.3	...	...	878.9	...
... percent of GDP	%	...	...	...	4.4	...	...	1.9	...	...	1.3	...
Gross International Reserves (GIR)	million USD	6352.4	6585.0	6310.0	9959.6	9347.7	8950.9	8581.2	8137.9	8226.1	7965.7	8093.7
... o/w Petroleum & Stabilisation Fund	million USD	827.9	866.4	866.4	890.5	925.3	932.9	976.8	821.8	821.8	873.0	915.4
... GIR (Import Cover)	months	3.3	3.4	3.2	5.1	4.7	4.5	4.3	4.0	4.1	3.9	3.9
Net International Reserves (NIR)	million USD	3362.5	3514.1	3173.3	6848.3	5915.5	5577.8	5174.5	4941.3	5050.2	4730.0	4743.8

SOURCE: Bank of Ghana

NOTE: Data subject to revision.

7. Government Fiscal Operations (Cumulative)

	2018:09	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	
Central Government Broad Budget (% of GDP)											
Total Revenue & Grants	11.1	1.0	2.0	3.0	4.3	5.6	6.6	7.7	9.2	10.5	
... Domestic Revenue	10.8	1.0	1.9	3.0	4.3	5.5	6.5	7.7	9.0	10.3	
... Tax Revenue	8.6	0.9	1.6	2.4	3.5	4.5	5.3	6.1	7.4	8.4	
Total Expenditure & Arrears Clearance	14.1	1.3	2.6	4.2	6.1	8.1	9.5	11.7	13.0	14.8	
... Capital Expenditure	1.1	0.1	0.1	0.3	0.4	0.6	0.7	0.9	1.2	1.3	
Primary Balance	0.7	-0.1	-0.2	-0.2	-0.2	-0.7	-0.8	-0.7	0.1	-0.3	
Overall Balance (cash basis)	-3.3	-0.3	-0.7	-1.3	-1.9	-2.6	-3.0	-3.9	-3.5	-4.5	
Net Domestic Financing	1.8	0.7	1.3	-2.1	-1.1	0.2	0.8	1.9	1.6	3.0	
Public Debt											
Total Public Debt	billion USD	35.8	35.7	35.0	38.9	39.0	38.8	38.7	39.1	39.4	39.2
Total Public Debt	billion GHC	170.8	176.6	180.7	198.0	198.5	200.0	203.9	205.5	208.4	208.6
... percent of GDP	%	57.2	51.0	52.2	57.2	57.4	57.8	58.9	59.2	60.3	60.3
External Debt	billion USD	18.1	17.9	17.7	20.7	20.5	20.5	20.5	20.4	20.3	20.1
External Debt	billion GHC	86.6	88.7	91.2	105.2	104.5	105.4	107.6	107.2	107.0	107.2
... percent of GDP	%	29.0	25.6	26.4	30.4	30.2	30.5	31.1	31.0	31.1	31.1
Domestic Debt	billion GHC	84.2	87.9	89.5	92.8	94.0	94.6	96.3	98.3	101.1	101.4
... percent of GDP	%	28.2	25.4	25.9	26.8	27.2	27.4	27.8	28.4	29.3	29.4
... o/w Financial Sector Resolution Bond	billion GHC	9.7	9.5	9.5	11.0	11.0	11.0	10.9	10.7	10.7	10.7
.....percent of GDP	%	3.2	2.8	2.8	3.2	3.2	3.2	3.1	3.1	3.1	3.1

SOURCE: Ministry of Finance, Bank of Ghana, Ghana Statistical Service

NOTE 1: Data subject to revision. Year-to-date data

NOTE 2: GDP for 2018 = GHS 300,596 million; GDP for 2019 (projected) = GHS 345,946 million

8. Monetary Indicators

		2018:10	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10
<i>Monetary Aggregates (Annual Growth Rates)</i>												
Reserve Money	%	4.3	7.9	9.3	16.9	7.5	10.6	8.1	14.7	15.0	14.2	26.1
Narrow Money (M1)	%	14.0	22.0	26.5	26.0	17.4	17.6	22.3	15.3	14.3	21.2	22.6
... Currency Outside Banks	%	12.9	13.7	14.1	13.3	11.2	12.9	11.6	14.7	17.1	17.2	18.6
... Demand Deposits	%	14.6	26.3	32.9	32.1	20.4	19.6	27.1	15.5	13.1	22.9	24.5
Broad Money (M2)	%	18.5	19.1	21.6	19.1	16.2	15.2	18.0	13.0	9.5	14.5	15.2
... Savings & Time Deposits	%	25.0	15.3	15.4	9.9	14.4	11.8	12.0	9.7	2.7	5.0	5.4
Total Liquidity (M2+)	%	17.2	19.5	22.4	21.6	18.4	18.6	22.1	14.8	11.8	16.3	16.3
... Foreign Currency Deposits	%	12.8	21.2	25.2	30.5	26.7	31.0	36.6	20.9	19.7	22.4	20.3
<i>Sources of Change in M2+</i>												
Net Domestic Assets	%	31.1	40.6	45.6	5.0	11.0	21.1	22.0	15.1	14.7	20.7	17.1
Net Foreign Assets	%	-16.3	-30.5	-34.2	71.1	42.1	12.3	22.5	14.1	3.0	1.9	13.4
<i>Private Sector Credit (PSC)</i>												
PSC (nominal)	billion GHC	37.0	37.0	38.2	38.7	39.1	39.6	40.2	39.7	40.2	41.3	42.2
... Annual Growth	%	11.4	10.4	21.1	22.1	19.8	19.2	16.8	14.1	13.4	12.6	14.0
... percent of GDP	%	12.3	10.7	11.0	11.2	11.3	11.5	11.6	11.5	11.6	11.9	12.2
PSC (Real, in 2018 prices)	million GHC	365.8	357.7	367.2	369.5	370.6	371.8	372.7	367.4	370.4	380.1	387.2
... Annual Growth	%	...	4.3	14.2	14.6	12.5	11.4	8.7	6.1	5.3	4.7	5.8

SOURCE: Bank of Ghana

NOTE 1: Data subject to revision.

NOTE 2: Annual growth is calculated as a percentage change from the same period a year ago.

NOTE 3: The stock of private sector credit includes the loans of the seven (7) defunct banks transferred to the Receiver.

9. Banking Sector Indicators

		2018:10	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10
<i>Aggregate Balance Sheet</i>												
Total Assets	billion GHC	106.3	106.2	108.9	111.2	109.9	110.9	112.8	112.0	115.2	119.3	121.0
... Annual Growth	%	19.6	11.8	14.5	13.2	12.4	11.9	12.4	7.2	10.1	13.8	13.8
Total Deposits	billion GHC	67.4	70.5	71.9	73.0	73.1	73.1	75.6	75.2	76.0	79.0	78.9
... Annual Growth	%	20.7	19.3	20.0	20.5	19.7	18.3	22.3	15.9	12.2	17.0	17.1
Total Advances	billion GHC	41.8	42.6	43.5	44.6	44.9	45.4	45.8	45.3	46.0	47.3	48.8
... Annual Growth	%	8.8	10.4	21.4	23.1	22.1	21.1	18.3	14.0	14.9	14.9	16.8
<i>Financial Soundness Indicators</i>												
Capital Adequacy Ratio (Basel II/III)	%	...	20.8	18.9	20.6	19.6	19.6	19.3	20.5	19.8	19.2	18.9
<i>Asset Quality</i>												
Non-Performing Loans	%	20.1	18.4	18.2	18.8	18.9	18.8	18.1	17.9	17.8	17.3	17.3
... excluding loss category	%	11.4	9.9	9.4	8.8	9.0	9.1	9.0	9.3	8.9	8.1	8.1
<i>Management Efficiency</i>												
Total Cost to Gross Income Ratio	%	84.3	79.5	79.4	80.1	80.4	80.1	80.4	80.5	80.4	80.7	80.5
Operational Cost / Income	%	54.1	51.6	52.0	53.0	53.3	52.9	53.5	53.2	53.0	53.5	53.2
<i>Earnings and Profitability</i>												
Return on Assets - Before Tax	%	3.3	4.8	4.2	4.4	4.1	4.4	4.4	4.0	4.3	4.3	4.3
Return on Equity - After Tax	%	17.6	21.8	20.1	21.1	18.9	21.5	21.2	17.3	20.9	20.5	20.7
<i>Liquidity Indicators</i>												
Core Liquid Assets to Total Assets	%	23.7	23.9	23.5	23.0	22.5	23.6	23.9	23.4	23.3	24.6	23.3
Core Liquid Assets to Short-term Liabilities	%	31.0	31.1	30.6	29.7	28.9	30.5	30.6	30.3	30.1	31.9	30.2

SOURCE: Bank of Ghana.

NOTE 1: Data subject to revision.

NOTE 2: The stock of total advances includes the loans of the seven (7) defunct banks transferred to the Receiver

NOTE 3: Basel II/III CAR is computed under the new Capital Risk Directive (CRD).

10. Stock Market Performance

	2018:10	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09	2019:10	
<i>GSE Composite Index (GSE-CI)</i>												
All Share Index	2844.8	2503.9	2479.0	2454.5	2344.3	2461.1	2394.8	2346.5	2303.8	2204.8	2150.7	
... Monthly Change in Index	-156.2	-68.3	-24.9	-24.5	-110.2	116.8	-66.3	-48.3	-42.7	-99.0	-54.1	
Market Capitalization	billion GHC	64.3	60.2	60.0	59.8	58.6	59.8	58.7	58.2	57.6	56.3	55.5
... Year-to-date Growth	%	9.4	-1.5	-1.8	-2.1	-4.1	-2.1	-3.9	-4.7	-5.7	-7.9	-9.2
<i>GSE Financial Stock Index (GSE-FSI)</i>												
Financial Stock Index	2310.0	2131.5	2106.0	2155.3	2024.2	2140.2	2090.0	2069.5	1999.7	1894.2	1808.5	
... Monthly Change in Index	-317.3	-22.2	-25.5	49.3	-131.1	116.0	-50.2	-20.5	-69.8	-105.5	-85.7	
Market Capitalization	billion GHC	15.8	14.3	14.1	14.4	13.7	14.3	13.6	13.5	12.9	12.0	11.4
... Year-to-date Growth	%	11.3	-2.1	-3.4	-1.4	-6.2	-2.1	-6.8	-7.5	-11.6	-17.8	-21.9

SOURCE: Ghana Stock Exchange

NOTE 1: Monthly change is calculated as an absolute change from a month ago.

NOTE 2: Year-to-date growth is calculated as a percentage change from December of the previous year.

11. Payment System Data

		2018:09	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09
Mobile Money Data											
Registered mobile money accounts	million	31.4	33.0	33.4	29.6	30.1	30.6	31.5	32.5	33.4	31.5
Active mobile money accounts	million	12.6	13.2	12.9	12.7	12.7	12.8	12.9	13.5	14.1	13.6
Registered agents		353105	348535	352907	355912	362528	368450	375205	383222	390210	357824
Active agents		190265	189007	182642	182344	240752	200280	180448	271604	198578	200863
Total number of transactions	million	126	143	138	156	158	163	157	172	175	169
Total value of transactions	million GHC	18134.9	22018.3	20918.6	23419.6	23648.7	25596.6	24578.9	26440.3	26108.6	26434.6
Balance on float	million GHC	2240.3	2583.9	2675.1	2729.7	2921.8	2971.2	3032.4	3063.0	3134.5	3166.5
Cheques cleared											
Total Transaction Value	million GHC	15544.9	17273.9	13020.0	13624.2	14044.0	14232.3	12310.1	14754.5	13331.4	13373.7
Total number of transactions		562001	573724	540547	562089	562833	597361	518197	611316	544821	552487
ACH Direct Debit											
Total Transaction Value	million GHC	8.9	11.0	9.2	10.5	11.9	13.4	7.8	15.3	10.3	11.2
Total number of transactions		52711	66132	46464	57156	65690	67517	42134	73901	51247	45842
ACH Direct Credit											
Total Transaction Value	million GHC	2337.8	2514.8	2490.6	2657.5	2694.9	2871.3	2554.0	3022.6	3069.1	3102.6
Total number of transactions		518889	548034	528375	581553	585792	638274	574113	644047	611737	596031
E-zwich											
Cumulative Enrollment	million	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
Total Transaction Value	million GHC	293.7	477.5	349.7	387.1	435.0	496.8	407.7	613.1	493.1	467.9
Total number of transactions		540417	916662	636147	699361	1198703	918250	1135485	657046	770918	622221

SOURCE: Bank of Ghana.

NOTE 1: Data subject to revision.

NOTE 2: Active mobile money accounts are the number of accounts which transacted at least once in the 90 days prior to reporting

NOTE 3: Active agents are agents who transacted at least once in the 30 days prior to reporting

NOTE 4: ACH: Automated Clearing House

12. Payment System Data (continued)

		2018:09	2019:01	2019:02	2019:03	2019:04	2019:05	2019:06	2019:07	2019:08	2019:09
<i>Gh-link</i>											
Total Transaction Value	million GHC	41.4	27.7	26.4	25.8	32.8	35.3	28.7	32.0	21.8	25.2
Total number of transactions		125871	84848	78287	79406	98784	101701	84981	92981	64533	72582
<i>Ghipss Instant Pay (GIP)</i>											
Total Transaction Value	million GHC	63.7	87.1	79.5	81.9	104.6	115.0	123.5	186.8	179.3	203.5
Total number of transactions		13258	39388	38567	48970	61815	66158	95768	181650	176714	241286
<i>Mobile Money Interoperability</i>											
Total Transaction Value	million GHC	32.6	36.3	29.2	30.4	32.9	44.4	44.5	64.5	65.7	95.4
Total number of transactions		319094	407972	339324	370914	388526	519422	518007	754619	786944	1092280
<i>Payment Terminals Deployed</i>											
Automated Teller Machine (ATM)		2042	2041	2074	2110	2101	2100	2098	2082	2099	2113
Point of Sale (POS) Terminals		7853	8123	8221	8244	8266	7869	7744	7781	8002	7955
<i>Payment Cards Issued</i>											
Debit Cards	million	6.0	4.2	4.1	4.0	3.9	4.1	4.2	4.2	4.1	4.1
Credit Cards		21359	38326	24394	25232	25435	27117	27877	28529	27404	27759
Prepaid Cards		161536	226712	237480	249964	245358	272540	292793	301239	311326	328294

SOURCE: Bank of Ghana.

NOTE: Data subject to revision.