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REPUBLIC OF GHANA

Ministry of Finance

Quarterly Public Debt Statistics Bulletin

Quarter One, 2017

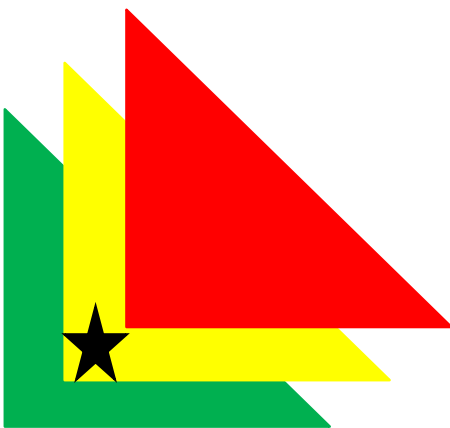


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Disclaimer

The figures presented herein are subject to change based on the availability of new information; all figures presented here are, therefore, provisional.

1.0 Total Public Debt

Table 1 Public debt by source (millions of US Dollars unless otherwise specified)

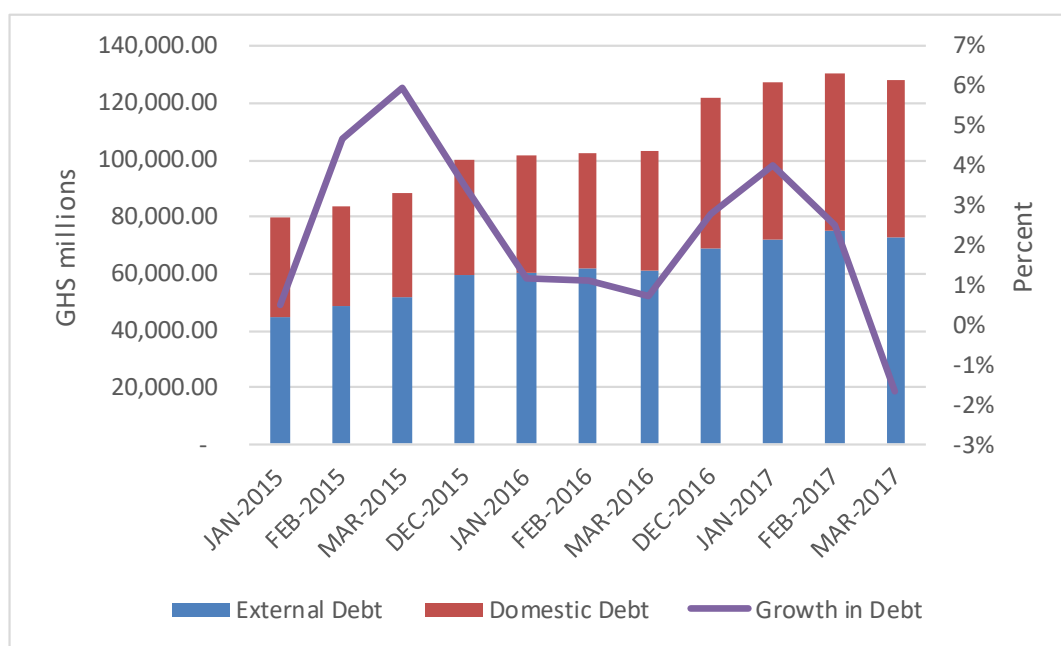
GROSS DEBT	2015				2016				2017		
	JAN	FEB	MAR	DEC	JAN	FEB	MAR	DEC	JAN	FEB	MAR
1. External debt	13,841.27	13,918.77	13,772.95	15,781.89	15,840.06	15,867.17	16,002.63	16,460.99	16,913.74	16,897.69	16,812.28
Multilateral Institutions	4,776.43	4,874.08	4,787.14	5,379.45	5,358.44	5,374.34	5,396.05	5,547.96	5,763.85	5,766.74	5,645.47
IMF	576.94	579.10	567.65	753.00	749.40	751.31	753.29	726.47	887.83	886.04	737.21
IDA	2,903.47	3,001.99	2,942.66	3,279.33	3,264.38	3,272.33	3,280.52	3,435.40	3,479.94	3,475.74	3,499.41
AfDB	947.09	945.21	935.56	967.16	965.27	970.34	978.53	1,032.99	1,041.37	1,051.78	1,056.78
IFAD	122.19	122.64	120.22	152.07	152.54	152.93	153.34	137.44	140.88	140.63	141.07
Other	226.73	225.14	221.05	227.88	226.85	227.42	230.37	215.67	213.84	212.56	211.00
Official bilateral	1,090.07	1,081.17	1,059.07	1,096.32	1,064.78	1,070.95	1,102.80	1,136.47	1,166.51	1,174.03	1,183.32
Paris club	635.09	630.36	609.16	668.07	641.21	645.79	671.55	663.57	682.11	679.44	687.47
Non-Paris club	454.98	450.81	449.91	428.26	423.57	425.16	431.25	472.90	484.40	494.59	495.85
Other Creditors ¹	7,974.77	7,963.52	7,926.74	9,306.12	9,416.84	9,421.89	9,503.78	9,776.57	9,983.38	9,956.92	9,983.49
2. Domestic debt	10,832.57	10,165.90	9,892.55	10,621.43	10,621.05	10,583.83	10,951.19	12,766.16	12,851.34	12,318.66	12,724.11
Banking system	5,727.22	5,363.75	5,217.23	5,361.69	5,317.05	5,279.46	5,175.75	6,653.86	5,228.74	5,212.75	5,385.79
Non-bank sector	3,114.63	2,928.36	2,895.71	3,379.68	3,477.40	3,557.98	3,645.11	3,223.98	4,305.21	4,006.36	4,010.53
Non-residents	1,818.01	1,715.77	1,634.12	1,769.47	1,717.07	1,638.10	2,020.78	2,771.66	3,203.18	2,990.18	3,215.37
Loans	172.70	158.03	145.50	110.60	109.54	108.29	109.56	116.65	114.21	109.37	112.42
3. Total public debt (1 + 2)	24,673.85	24,084.67	23,665.50	26,403.33	26,461.12	26,451.00	26,953.82	29,227.15	29,765.08	29,216.35	29,536.39
Memorandum items											
Public debt (GHS millions)	79,985.21	83,723.14	88,724.34	100,234.95	101,425.45	102,558.48	103,295.13	122,263.01	127,177.24	130,351.68	128,205.65
External debt	44,869.26	48,384.43	51,636.16	59,912.81	60,714.95	61,521.79	61,326.88	68,859.62	72,267.33	75,390.74	72,975.37
Domestic debt	35,115.95	35,338.71	37,088.18	40,322.14	40,710.50	41,036.69	41,968.25	53,403.39	54,909.90	54,960.94	55,230.28
NET DEBT											
Financial Assets ²								122.05	121.99	121.86	122.03
DSRA (USD)								119.03	119.03	119.03	119.03
DSRA (GHS); Converted to USD								-	-	-	-
Debt Recovery Account								0.91	0.89	0.85	0.88
SOE ESCROW ACCOUNTS								2.10	2.06	1.97	2.12
Net Public Debt USD millions								29,105.10	29,643.09	29,094.49	29,414.36
Net Public Debt GHS millions								121,752.45	126,656.03	129,807.99	127,675.96

Source: Ministry of Finance and Bank of Ghana.

¹ Includes sovereign bonds, commercial credits, and other semi-concessional credits.

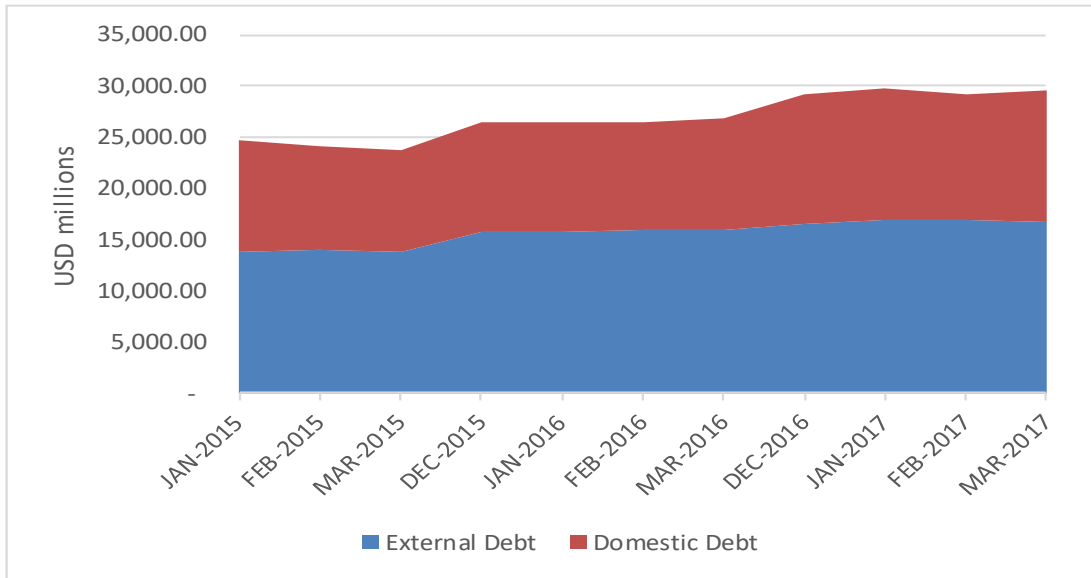
² DSRA: Debt Service Reserve Account, SOE: State-Owned Enterprises

Figure 1 Trends in public debt (Q1, 2015 – Q1, 2017)



Rate of debt accumulation has slowed down considerably in Q1, 2017

Figure 2 Share of public debt (Q1, 2015 – Q1, 2017)

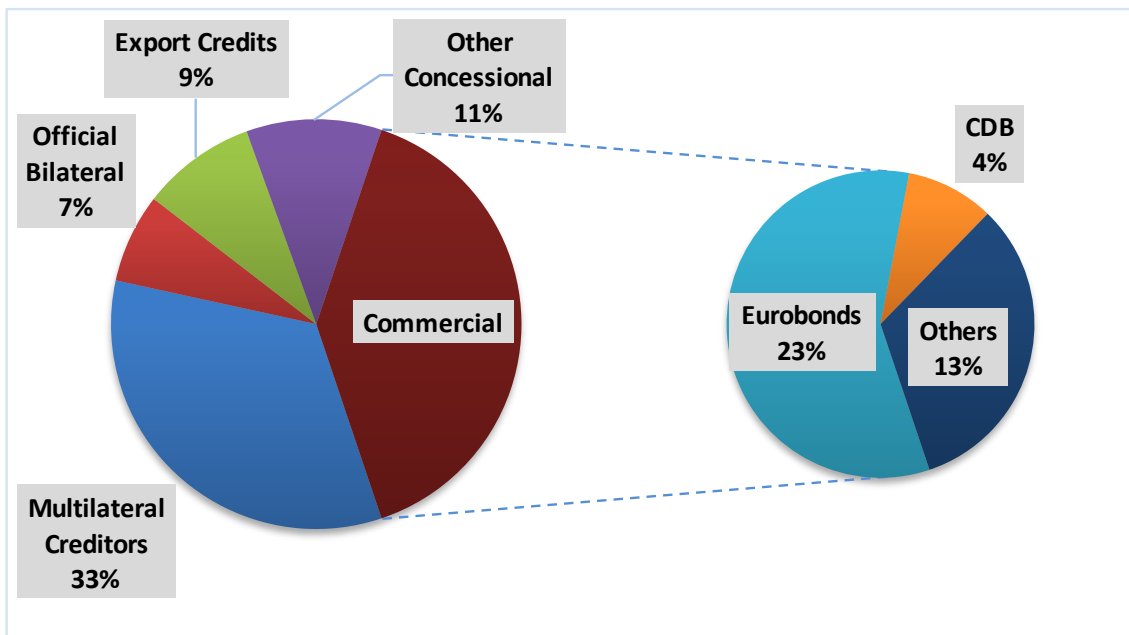


External debt the main driver of public debt growth due to exchange rate

2.0 External Debt

2.1 External Debt Stock by Creditor Category

Figure 3 External debt stock composition by creditor category



Commercial debt has overtaken Multilateral debt as the largest source of external financing due to issuance of four (4) Eurobonds

2.2 Currency and Interest Rate Composition of External Debt Stock

Figure 4 Trends in currency composition of external debt

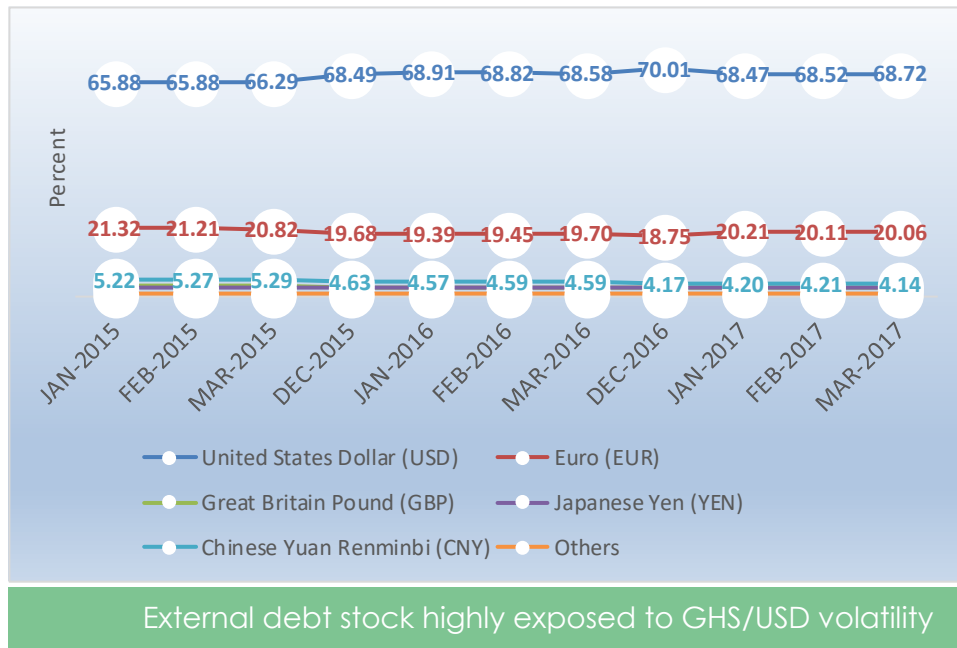


Figure 5 Currency composition of external debt stock End March, 2017 (percent)

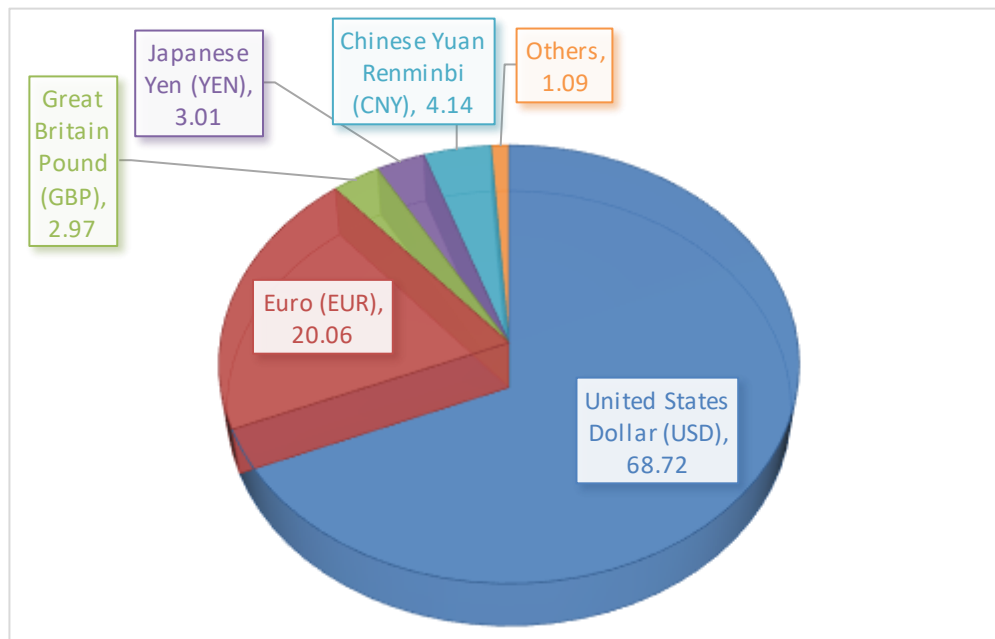


Figure 6 Trends in interest rate composition of external debt

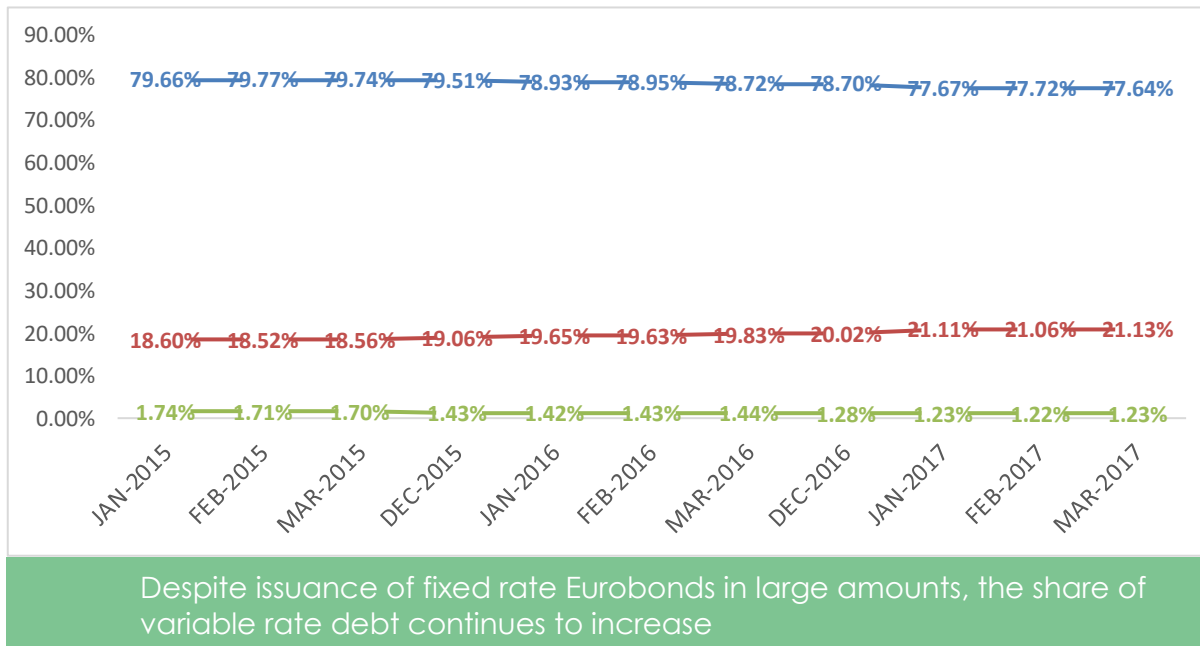
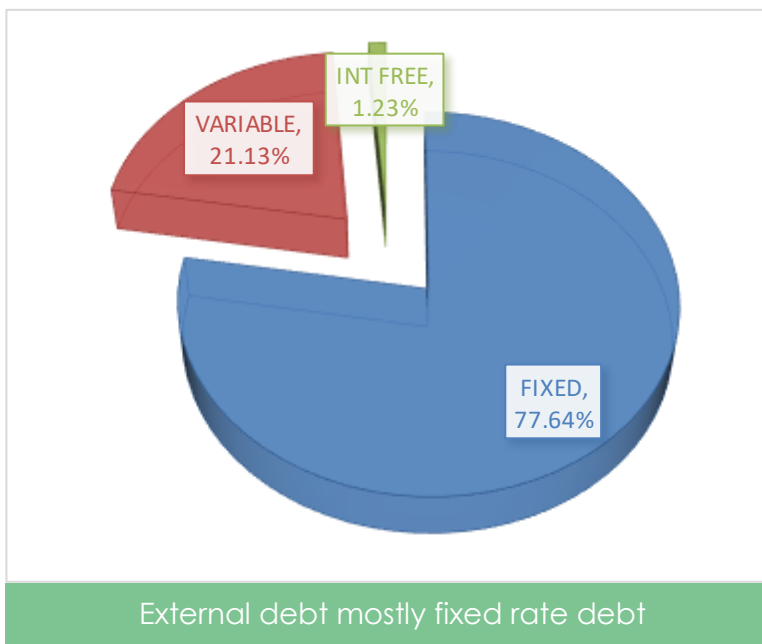


Figure 7 Interest rate composition of external debt stock End March, 2017



2.3 New Commitments in 2017 (New External Loan Financing Agreements)

Table 2 New commitments

No.	Creditor	Project Title	Agreement Date	Currency	Loan Amount	Loan Amount (USD)	Sector
1.	African Development Bank	Public Financial Management & Public Sector Competitiveness Support Program II	10 th February, 2017	Bank Unit of Accounts (BUA)	35,000,000.00	42,086,191.52	Finance

Table 3 Average terms of new commitments

	2015	2016	Q1, 2017
Interest (%)	5.4	4.4	1.8
Maturity (yrs)	17.6	11.6	25.0
Grace Period (yrs)	2.8	4.3	5.0
Grant Element (%)	5.3	11.0	33.0

2.4 Disbursements by Creditor Category (New Borrowing)

Table 4 Actual disbursements in 2017 as of March, 2017

CREDITOR CATEGORY	2016	Q1, 2016	Jan	Feb	Mar	Q1, 2017
MULTILATERAL	319.65	96.70	10.90	13.50	13.98	38.38
EXPORT CREDITS	410.57	134.50	3.29	0.29	6.48	10.07
COMMERCIAL	1,106.74	58.90	11.64	0.22	10.55	22.42
OTHER CONCESSIONAL	54.37	8.25	0.07	0.00	49.00	49.07
BILATERAL	35.47	10.23	1.97	5.51	0.57	8.04
Total	1,926.81	308.57	27.86	19.52	80.59	127.97

Disbursements have been slow in Q1, 2017 compared to Q1, 2016

2.5 External Debt Service Payments

Table 5 External debt service payments (USD millions)

	Jan-17	Feb-17	Mar-17	Total
Principal	90.75	20.98	64.66	176.38
Interest	74.04	46.79	15.77	136.60
Total	164.79	67.76	80.43	312.99

Table 6 Currency composition of debt service payments

	JAN	FEB	MAR
USD	91.16%	80.09%	56.53%
EUR	7.79%	19.56%	19.45%
GBP	0.24%	0.00%	3.94%
JPY	0.06%	0.00%	0.01%
CNY	0.02%	0.00%	19.95%
OTHERS	0.74%	0.35%	0.12%

3.0 Domestic Debt

3.1 Domestic Debt Stock by Holders

Table 7 Holding structure of domestic debt (USD millions)

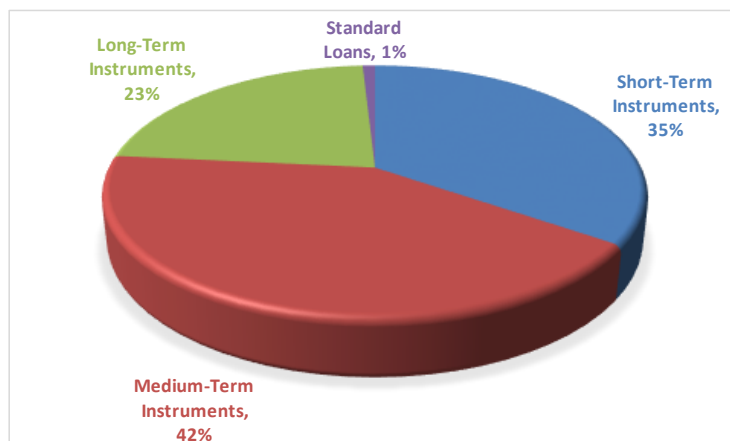
	2015				2016				2017		
	JAN	FEB	MAR	DEC	JAN	FEB	MAR	DEC	JAN	FEB	MAR
A. BANKING SYSTEM	5,727.22	5,363.75	5,217.23	5,361.69	5,317.05	5,279.46	5,175.75	6,653.86	5,228.74	5,212.75	5,385.79
BANK OF GHANA	2,841.88	2,661.40	2,402.92	2,614.51	2,589.09	2,559.38	2,562.79	3,121.11	3,055.80	2,913.51	2,995.84
DEPOSIT MONEY BANKS	2,885.34	2,702.35	2,814.31	2,747.18	2,727.96	2,720.08	2,612.96	3,532.75	2,172.94	2,299.25	2,389.95
B. NON-BANK SECTOR	3,114.63	2,928.36	2,895.71	3,379.68	3,477.40	3,557.98	3,645.11	3,223.98	4,305.21	4,006.36	4,010.53
SSNIT	469.69	429.14	394.25	395.80	433.94	447.89	429.68	349.83	351.09	326.84	302.98
INSURANCE CO.S	22.73	21.17	20.60	21.30	21.65	20.07	20.77	42.79	65.51	66.89	70.34
OTHER HOLDERS	2,622.21	2,478.05	2,480.86	2,962.58	3,021.81	3,090.02	3,194.66	2,831.36	3,888.61	3,612.62	3,637.20
C.FOREIGN SECTOR	1,818.01	1,715.77	1,634.12	1,769.47	1,717.07	1,638.10	2,020.78	2,771.66	3,203.18	2,990.18	3,215.37
D. OTHER STANDARD LOANS	172.70	158.03	145.50	110.60	109.54	108.29	109.56	116.65	114.21	109.37	112.42
TOTAL	10,832.57	10,165.90	9,892.55	10,621.43	10,621.05	10,583.83	10,951.19	12,766.16	12,851.34	12,318.66	12,724.11

3.2 Domestic Debt Stock by Instruments

Table 8 Maturity structure of domestic debt (USD millions)

	2015				2016				2017		
	JAN	FEB	MAR	DEC	JAN	FEB	MAR	DEC	JAN	FEB	MAR
Short-Term Instruments	4,393.37	4,203.16	4,246.68	4,805.76	4,788.32	4,608.90	4,841.42	4,806.18	4,714.57	4,429.95	4,410.18
91-Day Treasury Bill	2,659.66	2,548.27	2,437.11	2,454.48	2,277.05	2,214.21	2,284.81	2,504.68	2,326.62	2,182.03	2,221.96
182-Day Treasury Bill	1,363.33	1,309.60	1,490.55	2,146.72	2,295.33	2,169.78	2,317.80	1,700.22	1,692.92	1,485.71	1,350.73
1-Year Treasury Note	370.38	345.29	319.02	204.56	215.93	224.91	238.81	601.28	695.03	762.22	837.49
Medium-Term Instruments	3,832.93	3,535.32	3,396.17	3,344.07	3,384.80	3,554.96	3,661.38	4,865.01	5,106.62	4,986.86	5,331.19
2-Year Fixed Treasury Note	734.33	592.42	613.66	549.57	548.42	597.70	612.99	1,010.47	1,244.37	1,193.64	1,203.96
2-Year USD Domestic Bond	-	-	-	-	-	-	-	94.64	94.64	94.64	94.64
3-Year Fixed Rate Bond	1,514.33	1,484.19	1,376.15	1,333.61	1,313.32	1,298.32	1,205.01	1,591.75	1,558.41	1,402.33	1,674.24
3-Year Stock (SSNIT)	395.41	368.74	341.90	282.81	356.26	352.19	326.51	271.80	266.10	254.84	235.61
5-Year GOG Bond	860.72	802.66	798.07	924.21	915.36	1,058.19	1,265.40	1,549.05	1,603.08	1,715.79	1,763.62
7-Year GoG Bond	62.23	58.03	53.80	53.14	52.63	52.03	52.64	48.22	47.21	45.21	46.47
10-Year GOG Bond	-	-	-	-	-	-	-	143.20	140.20	134.27	162.43
GoG Petroleum Financed Bonds	24.68	23.02	21.34	21.08	20.88	20.64	20.88	19.13	18.73	17.94	18.44
TOR Bonds	210.38	196.19	181.91	179.65	177.93	175.90	177.96	136.74	133.87	128.21	131.78
Long-Term Instruments	2,433.56	2,269.40	2,104.20	2,361.01	2,338.41	2,311.69	2,338.83	2,978.32	2,915.93	2,792.48	2,870.32
Long-Term Govt Stock	2,288.11	2,133.76	1,978.44	2,236.81	2,215.40	2,190.08	2,215.80	2,865.60	2,805.58	2,686.79	2,761.69
Revaluation Stock	111.38	103.87	96.31	95.11	94.20	93.12	94.21	86.31	84.50	80.93	83.18
Other Government Stock	0.30	0.28	0.26	0.26	0.26	0.25	0.26	0.23	0.23	0.22	0.23
Telekom Malaysia Stocks	33.77	31.49	29.20	28.83	28.56	28.23	28.56	26.17	25.62	24.53	25.22
Standard Loans	172.70	158.03	145.50	110.60	109.54	108.29	109.56	116.65	114.21	109.37	112.42
TOTAL (A+B+C)	10,832.57	10,165.90	9,892.55	10,621.43	10,621.05	10,583.83	10,951.19	12,766.16	12,851.34	12,318.66	12,724.11

Figure 8 Share of instruments in domestic debt as at End March, 2017



3.3 Net Issuance of Domestic Debt

Table 9 Issuance and Redemption of Money Market Instruments (GHS millions)

REDEMPTIONS 2017				
	JAN	FEB	MAR	Q1-2017
91-Day	4,367.04	2,713.74	2,885.83	9,966.60
182-Day	1,495.07	1,009.06	1,154.25	3,658.38
1-Year	105.28	57.65	72.22	235.15
2-Year	88.75	241.64	225.96	556.35
3-Year	-	402.00	-	402.00
5-Year	-	-	-	-
10-Year	-	-	-	-
Non-Mkt			114.29	114.29
ISSUANCE 2017				
91-Day	3,920.70	2,548.25	2,797.31	9,266.26
182-Day	1,656.41	487.50	489.20	2,633.11
1-Year	559.69	488.68	306.74	1,355.12
2-Year	1,178.57	250.36	126.30	1,555.24
3-Year	-	-	1,010.59	1,010.59
5-Year	369.47	807.35	-	1,176.82
10-Year	-	-	113.58	113.58
Non-Mkt	-	-	-	-
TOTAL ISSUANCE	7,684.86	4,582.14	4,843.73	17,110.73
TOTAL REDEMPTION	6,056.14	4,424.09	4,452.55	14,932.78
NET BORROWING	1,628.72	158.06	391.17	2,177.95
NET ISSUANCE BY INSTRUMENT 2017				
	JAN	FEB	MAR	Q1-2017
91-Day	(446.33)	(165.48)	(88.52)	(700.34)
182-Day	161.35	(521.56)	(665.05)	(1,025.27)
1-Year	454.41	431.03	234.52	1,119.96
2-Year	1,089.82	8.72	(99.66)	998.88
3-Year	-	(402.00)	1,010.59	608.59
5-Year	369.47	807.35	-	1,176.82
10-Year	-	-	113.58	113.58
Non-Mkt	-	-	(114.29)	(114.29)
Total	1,628.72	158.06	391.17	2,177.95

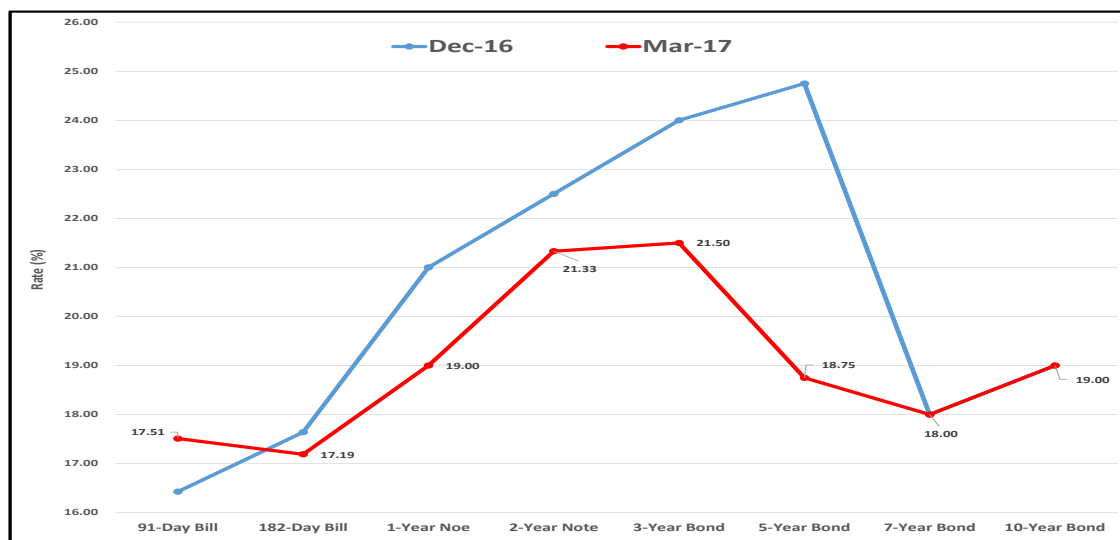
3.4 Interest Rates on Domestic Debt

Table 10 Interest rates on Government of Ghana money market instruments

Instruments	Dec-16	Jan-17	Feb-17	Mar-17
91-Day Bill	16.43	15.94	15.94	17.51
182-Day Bill	17.64	17.10	16.99	17.19
1-Year Note	21.00	19.50	19.00	19.00
2-Year Note	22.50	21.00	21.50	21.33
3-Year Bond	24.00	24.00	24.00	21.50
5-Year Bond	24.75	18.75	18.75	18.75
7-Year Bond	18.00	18.00	18.00	18.00
10-Year Bond	19.00	19.00	19.00	19.00

Source: Bank of Ghana and Ministry of Finance

Figure 9 Yield Curve (at constant maturity)



4.0 Portfolio Risk Indicators

4.1 Average Time to Interest Rate Re-fixing

Table 11 Interest rate risk

COST AND RISK INDICATORS FOR EXISTING DEBT AS AT END 2016				
Risk Indicators		External debt	Domestic debt	Total debt
Cost of debt	Weighted Av. IR (%)	4.3	22.7	12.5
Interest rate risk	ATR (years)	8.5	5.5	7.2
	Debt refixing in 1yr (% of total)	26.1	54.5	38.7
	Fixed rate debt (% of total)	77.8	100.0	87.8
FX risk	FX debt (% of total debt)			55.7
	ST FX debt (% of reserves)			23.0

Exposure of debt to interest rate volatility low, however interest rates are

4.2 Average Time to Maturity (Rollover/Refinancing Risk)

Table 12 Rollover risk of public debt

COST AND RISK INDICATORS FOR EXISTING DEBT AS AT END 2016				
Risk Indicators		External debt	Domestic debt	Total debt
Refinancing risk	ATM (years)	9.3	5.5	7.7
	Debt maturing in 1yr (% of total)	7.2	54.5	28.1
	Debt maturing in 1yr (% of GDP)	2.8	16.7	19.5

Domestic debt subject to high rollover risks

Glossary

Amortisation	Schedule for payments of principal payments of interest on an on-going basis on a loan
Average Time to Maturity	The average time to maturity measures the weighted average time to maturity of all the principal payments in the portfolio
Bonds	Debt securities that give holders unconditional right to fixed income or contractually determined payments on a specified date or dates.
Buy-back	The repurchase by a debtor government of all or a portion of its external debt at a discount from face value
Bilateral Debt	Debt contracted from sovereign countries.
Commercial Debt	Short-term borrowing from banking institutions other than Official Development Assistance.
Concessional loans	These are loans that are extended on terms substantially generous than loans contracted on the market.
Contingent Liability	Obligations that do not arise unless a particular, discrete event(s) occurs in the future.
Coupon	The annual interest rate paid on a bond, expressed as a percentage of the face value
Debt Service	Debt payments in respect of both principal and interest.
Debt to GDP	Ratio of a country's gross public debt to a country's Gross Domestic Product.
Debt Relief	Any form of debt reorganization that relieves the overall burden of debt.
Disbursed Outstanding Debt	The amount, at any given time, of disbursed and outstanding contractual liabilities of a country denominated in hard currency.
Disbursement	The transfer of the committed loan amount from the lender to the borrower, once contractual conditions are fulfilled.
Domestic Debt	Debt liabilities owed by residents to residents of same economy.
Escrow Account	Accounts mobilised in which proceed are paid into to pay off future debt service payments.
Eurobonds	Bond issued by a borrower in a foreign country, denominated in a Eurocurrency (e.g. US dollar, Canadian dollar, yen, euro, etc), under-written and sold by an international syndicate of financial institutions.
External Debt	Debt liabilities owed by residents to non-residents.
Gross Domestic Product	The market value of all final goods and services produced within a country in a given period. The GDP is determined using data for production, expenditures, or income and is presented in current or constant prices.
HIPC	Heavily Indebted Poor Countries (HIPCs) comprise a group of 41 developing countries classified as being heavily indebted poor countries.

Interest Payment	The amount paid periodically over a period to a lender as compensation for use of his capital.
Interest Rate	An interest rate is the cost or price of borrowing, or the gain from lending, normally expressed as an annual percentage amount.
Letter of Credit	A financial instrument that specifies a letter from a bank guaranteeing that a buyer's payment to a seller will be received on time and for the correct amount. In the event that the buyer is unable to make payment on the purchase, the bank will be required to cover the full or remaining amount of the purchase.
Maturity	The maturity of a bond refers to the date that the debt would cease to exist, at which time the issuer will redeem the bond by paying the principal.
MDRI	100 percent Debt reliefs provided to a group of low-income countries on eligible debt (debt claims on countries that have reached, or will eventually reach, the HIPC completion point) from the IMF, the International Development Association (IDA) of the World Bank, and the African Development Fund of the AfDB.
MTDS	A Debt Management Strategy planned to be implemented over the medium term (three to five years) in order to achieve a composition of a desired debt portfolio with regards to the cost-risk trade-off.
Multilateral Debt	Debt contracted from multilateral institutions such as World Bank, IMF and development banks.
Net Domestic Financing	New debt issuance required to partly fund the budget deficit from domestic sources.
On-Lending	Government borrowed funds which is lent to state-own enterprises and small businesses. Government would generally do this as a measure to promote strategic policy implementation.
Principal Repayment	The act of paying back money previously borrowed from a lender.
Promissory Note	An unconditional promise to pay a certain sum on demand on a specified due date.
Public Debt	The total public (external and domestic) debt obligations of a country.
Publicly guaranteed debt	Debt liabilities of public and private sector units, the servicing of which is contractually guaranteed by public sector units.
Public-Private Partnerships	Long-term contracts between two units, (PPPs) whereby one unit acquires or builds an asset or set of assets, operates it for a period, and then hands the asset over to a second unit.
Refinancing Risk	The risk associated with debt that is rolled over into new debt
Rollover	The extension or transfer of debt from one period to the next.

Short-term debt	Outstanding debt with a maturity of less than one year.
Sinking Fund	A fund created by a borrower for the purpose of redeeming bonds. The borrower is obliged to redeem specified amounts of the bond within specified periods.
State –Owned Enterprise	A legal entity partially or wholly owned by government in order to conduct business on or on behalf of government.
Yield	The return on an investment or interest received from holding a particular security. The yield is usually expressed as an annual percentage rate based on the investment's cost, current market value or face value.
Yield curve	A graph that shows the mathematical relationship, computed across all government securities (or other securities), between yield and maturity.