



QUARTERLY PAYMENT SYSTEMS REPORT (JULY- SEPTEMBER 2019)
DEPARTMENT OF PAYMENT AND SETTLEMENT SYSTEMS

PREFACE

The RMA Act of Bhutan 2010 under section 8 (b, c) mandates the Department of Payment and Settlement System (DPSS), “to promote, supervise and, if necessary, operate national and international payment and settlement system including Electronic Transfer of Funds by financial institutions, other entities and individuals”. As per the regulations, a payment system shall mean *a system that enables payments to be affected between a payer and a beneficiary, involving a clearing, payment or settlement service, on a gross settlement- real time transfer or a net deferred settlement basis.*

In order to present a comprehensive review of trends in the payment instruments operated by the RMA and the commercial banks, the Department of Payment and Settlement Systems has taken the initiative to publish the Payment System Report (PSR) quarterly and annually.

This Quarterly PSR contains statistical updates on payment systems transactions for the Third Quarter (Q3), 2019, and includes comprehensive data on interbank and on-us transactions; SWIFT and e-money transactions. Additionally, the report contains a summary of payment system developments and highlight initiatives undertaken by the RMA during the reporting quarter period. The source of all interbank transactions is from the RMA database and on-us transactions from member banks, and do not in any way reflect or represent the views and policies of DPSS.

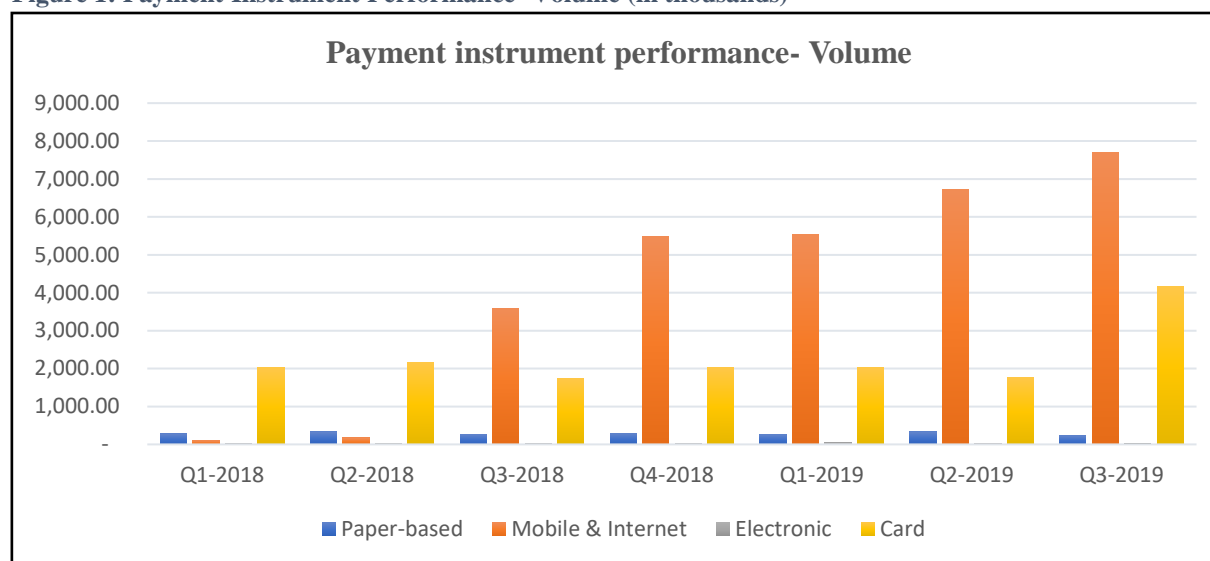
We would like to extend our sincere appreciation to all valued contributors from the commercial banks for providing timely monthly reports.

Quarterly Payment System Report- Quarter 3 2019

1. Overview

- There has been steady growth in the volume of overall payment instruments including in the third Quarter (Q3) of 2019 on all modes of instruments viz. Paper-based, Mobile & Internet, Electronic, Card, and Wallet.

Figure 1: Payment Instrument Performance- Volume (in thousands)



- The Table 1 below provides the statistical information on various payment instruments from 1st quarter of 2018 to 3rd quarter ending 30 September 2019.

Table 1: Consolidated Payment System Transactions (volume in thousands and value in million Nu.)

Sl. No	Banks	2018				2019			Percentage Change (Q2 & Q3)	Proportion
		Q1	Q2	Q3	Q4	Q1	Q2	Q3		
Volume of Transactions										
I	Paper-based	280.82	328.60	270.44	292.61	267.06	328.27	237.03	-28%	2%
III	Mobile & Internet	107.19	177.18	3,574.22	5,470.94	5,543.11	6,733.19	7,695.96	14%	63%
II	Electronic	35.90	34.77	35.99	35.18	38.81	37.23	17.26	-54%	0%
IV	Card	2,018.09	2,172.78	1,748.01	2,031.34	2,024.74	1,774.78	4,174.94	135%	34%
V	Wallet	-	1.01	1.72	1.62	3.08	5.90	6.86	16%	0%
	Total	2,442.00	2,714.34	5,630.39	7,831.68	7,876.80	8,879.38	12,132.05	37%	100%
Value of Transactions										
Sl. No	Banks	2018				2019			Percentage Change (Q2 & Q3)	Proportion
		Q1	Q2	Q3	Q4	Q1	Q2	Q3		
I	Paper-based	111,150.45	91,235.30	72,017.77	71,019.92	71,569.83	87,728.62	62,491.01	-29%	63%
III	Mobile & Internet	1,190.55	1,989.80	9,410.33	13,683.59	14,987.92	18,848.99	20,997.09	11%	21%
II	Electronic	6,910.03	13,812.16	9,095.58	9,913.04	9,449.64	6,451.10	7,497.95	16%	8%
IV	Card	7,117.41	7,255.08	5,739.32	6,840.51	7,216.99	5,924.80	8,609.72	45%	9%
V	Wallet	-	0.11	0.25	0.24	2.64	3.37	4.43	32%	0%
	Total	126,368.45	114,292.45	96,263.24	101,457.30	103,227.03	118,956.88	99,600.21	-16%	100%

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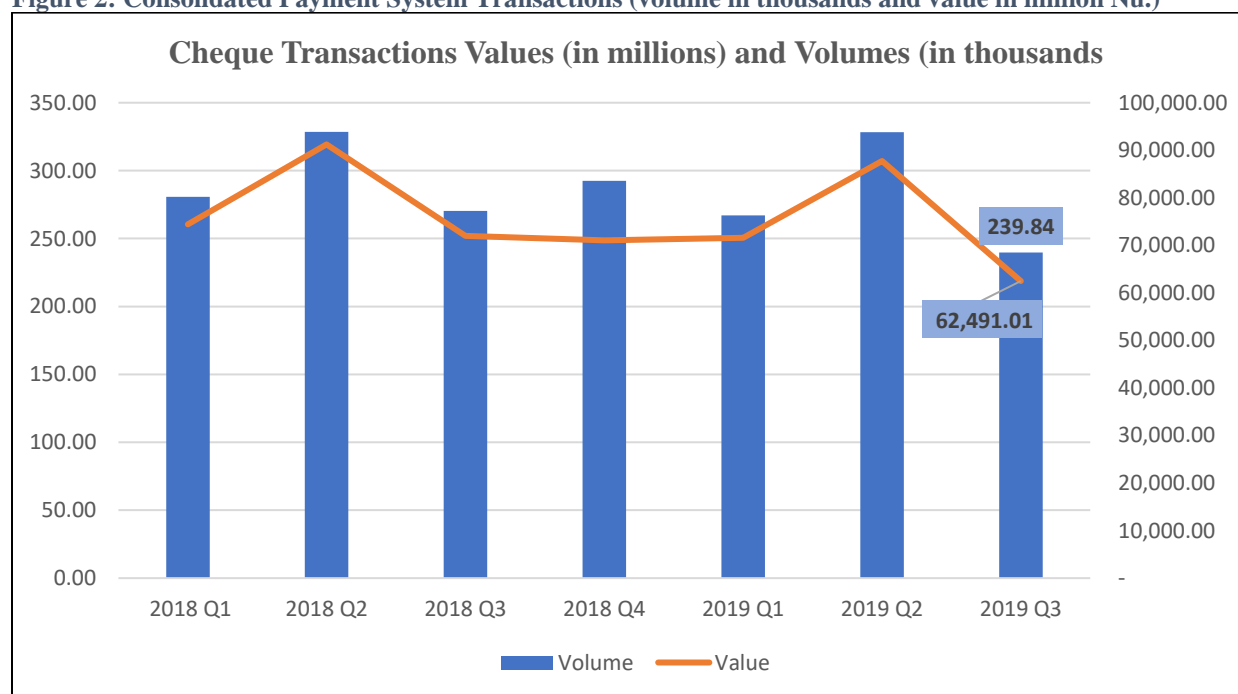
3. As shown in Table 1, the volume of overall payment system transactions in the third quarter (Q3) ending 30 September 2019 observed an increase of 37 percent compared to previous quarter with a decline of 16 percent in the value of transactions to Nu. 62,491.01 million from Nu. 87,728.62 million during the same period.
4. Mobile & Internet recorded the highest number of transactions of 7.7 million in Q3 and its share in the total payment system is 63 percent during the quarter. However, in terms of value, its share is only 21 percent when compared to paper based which has 63 percent.
5. The highest increase in the value and volume of transaction was observed in the Card which was contributed by increase in the ATM withdrawal using domestic as well as Rupay cards.
6. While, the highest decrease was observed in the paper-based instruments by 28 percent and 29 percent in volume and value terms respectively.

2. Payment System Transactions:

2.1 Paper-based (cheques)

1. Based on the average value of each transactions processed using the cheques (260,555), it is observed that cheques are mostly used for making large value fund transfer.
2. The volume and value of cheque transactions processed as of Q3 was 239,838 transactions amounting to Nu. 62,491.01 million which was a decline of 27 percent and 29 percent respectively from Q2.
3. As compared to the same quarter in 2018, there is a decline of 11.3 percent and 13.2 percent in the volume and value terms.
4. Further in terms of volume, the share of paper based in the total payment system is 2 percent while in terms of value it is 63 percent.

Figure 2: Consolidated Payment System Transactions (volume in thousands and value in million Nu.)



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2.2 Mobile and Internet:

1. Figures 3 and 4 show the trend in the values and volume of transactions made using respective bank's mobile app and internet banking platforms.
2. As shown in the figures, both the value and volume of transactions effected through mobile app and internet is increasing at an increasing trend.
3. In the 3rd quarter, the volume of transactions increased by 14 percent to 7.7 million, whilst the value increased by 11 percent to Nu. 20,997.09 million as compared to the 2nd quarter of 2019.
5. The average value of each transactions is 2.73 meaning mobile & internet payment channels are mostly used for making small value retail payments.
6. In terms of volume, the share of Mobile & Internet in the total payment system is 63 percent, while it is only 21 percent in terms of value in the 3rd quarter of 2019.

Figure 3: Mobile & Internet Transactions Values (in million Nu)

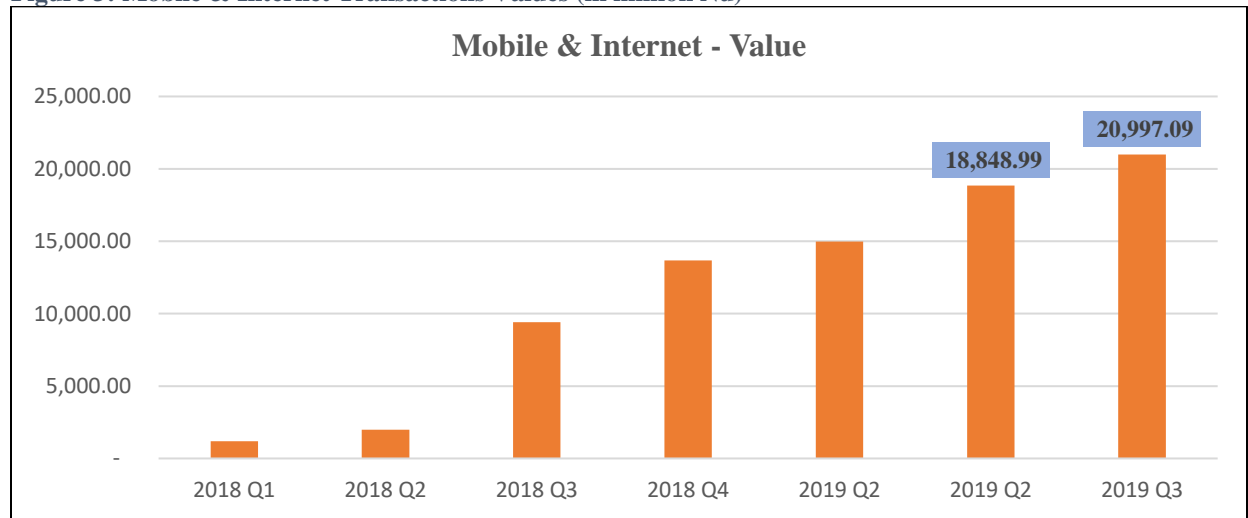
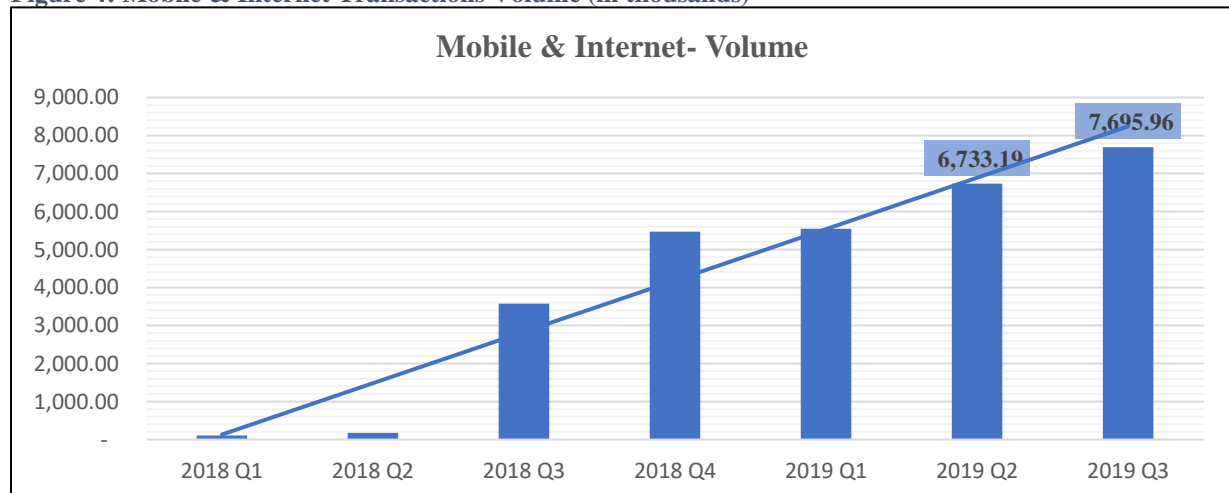


Figure 4: Mobile & Internet Transactions Volume (in thousands)



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2.3 Electronic:

1. During the quarter, the RMA vide notifications to the banks and the user institutions exited the operation of National Electronic Clearing System (NECS) and National Electronic Funds Transfer System (NEFT) NEFT for effective October 2019. NECS and NEFT was implemented by the RMA in 2010 with the objective to facilitate inter-bank fund transfer and to digitize retail payments (salaries, pension, loan installments, and other personal payments) in the country respectively.
2. Officially launched on 22nd July, 2019, the GIFT system replaced the NECS and NEFT as a platform to make retail payments and interbank fund transfer during the Q3. The GIFT System offers three payment components viz. Bulk, BITS, and RTGS to effectively make retail payments, interbank fund transfer, and also real time large value fund transfer respectively.
3. In terms of volume, BULK has the highest percentage share in all quarters from amongst the 3 transfer channels, whereas, RTGS dominates the share for value since it facilitates all the large value fund transfers.

Figure 5: GIFT Transactions Volume (in percentage)

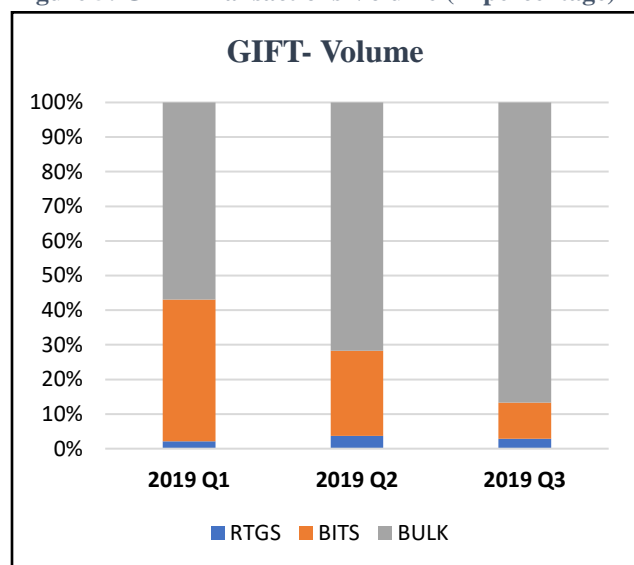
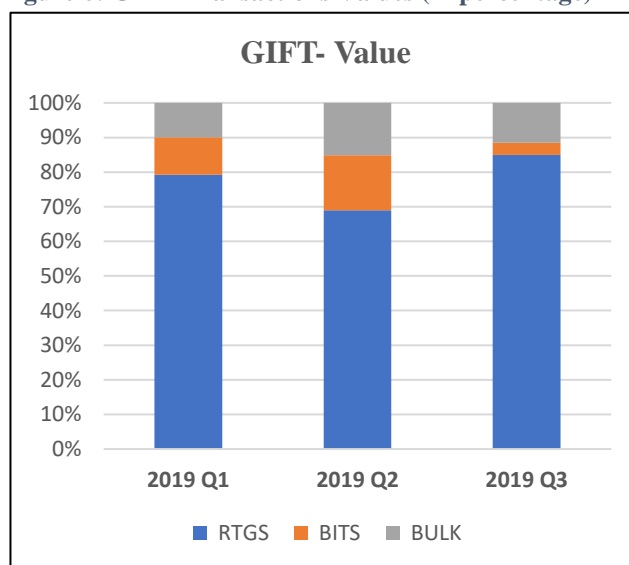


Figure 6: GIFT Transactions Values (in percentage)



2.4 Card:

1. Overall, the volume and value of card transactions are fairly stable and don't have a distinct pattern.
2. Under card, there are 3 instruments; ATM, PoS and Rupay.
3. The general trend for ATM transactions is a slow increase from the 1st quarter of 2018 till the quarter under review, both in terms of volume and value. Whereas, there is a decrease in the volume and value of transactions for PoS.
4. Rupay has been picking up since it was launched in the previous quarter, therefore, data shows an increase in Rupay transactions.

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Figure 7: Domestic ATM Transactions (volume in thousands and value in million Nu.)

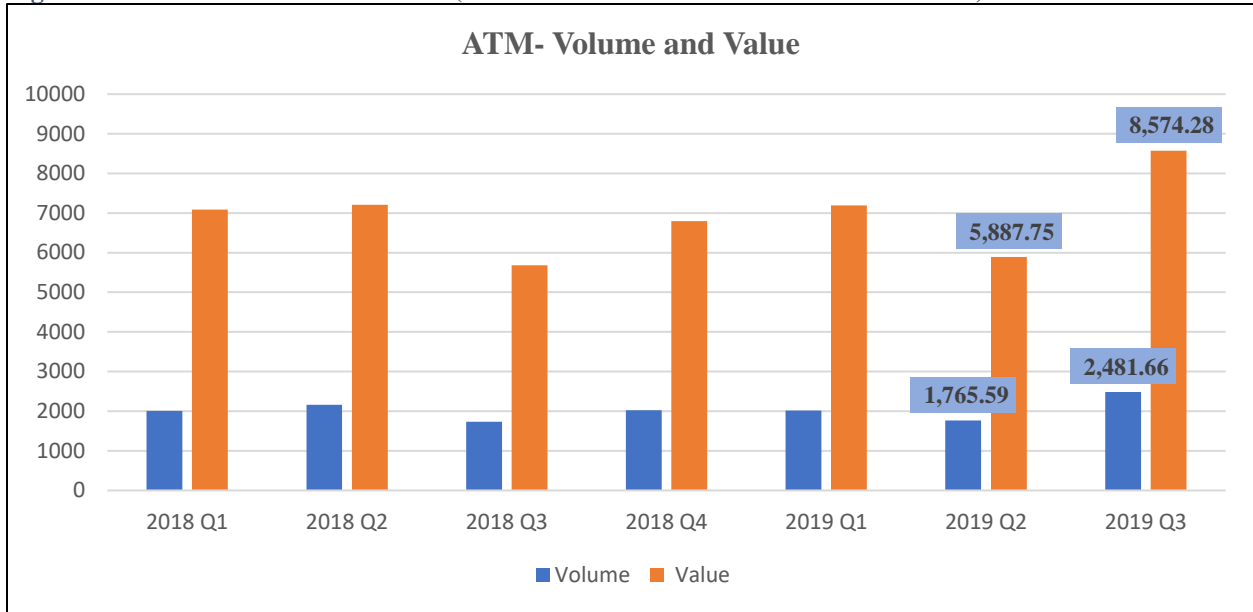
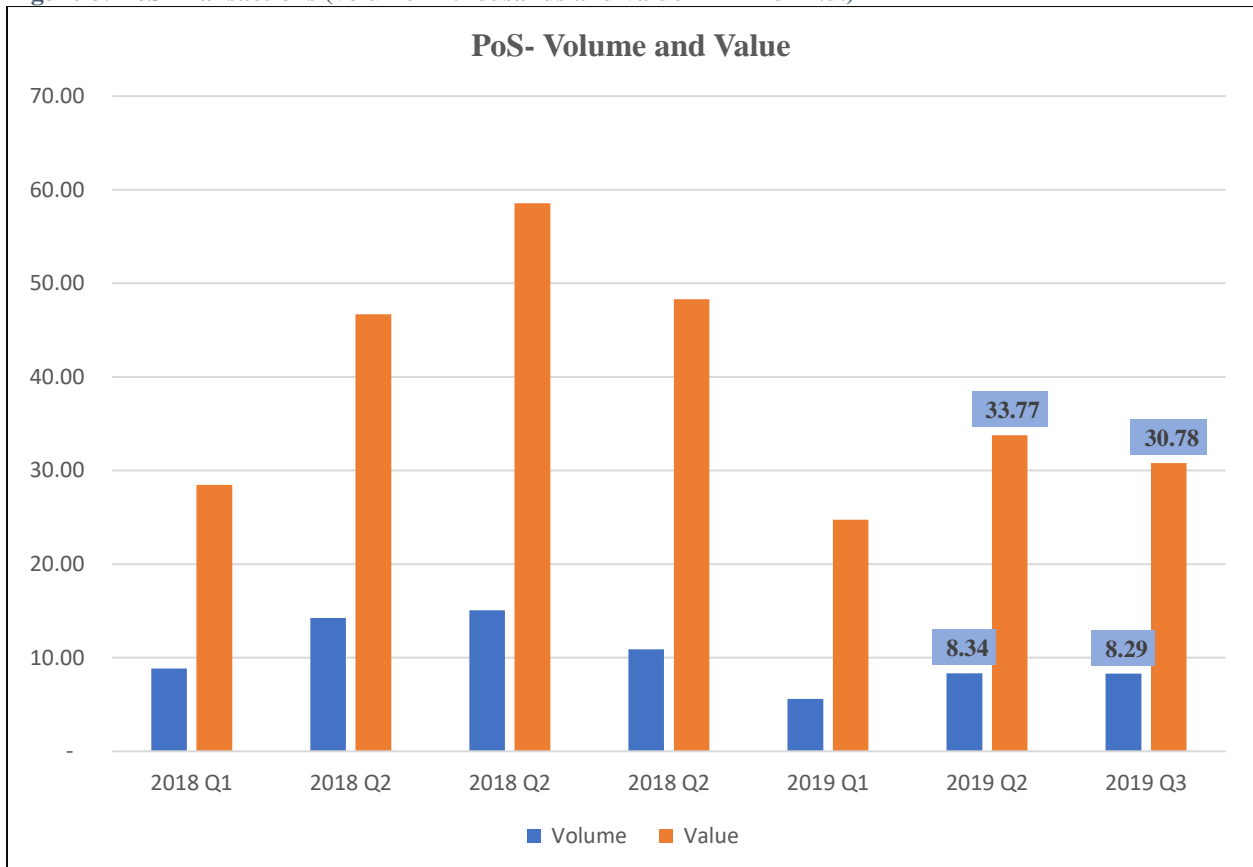


Figure 8: PoS Transactions (volume in thousands and value in million Nu.)



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2.5 E-money:

1. The data for eMoney shows a steady increasing trend with 6,858 transactions worth Nu. 4,431,188 in the 3rd quarter of 2019 which is an increase of 32% in value from Q2 of 2019 being the highest recorded so far.
2. There is also an increase in the subscriber base from 49,165 in Q2 to 50,135 in Q3. Number of merchants who offer eMoney services has gone up from 7 to 9 from Q2 to Q3.

Figure 9: eMoney Transactions Values

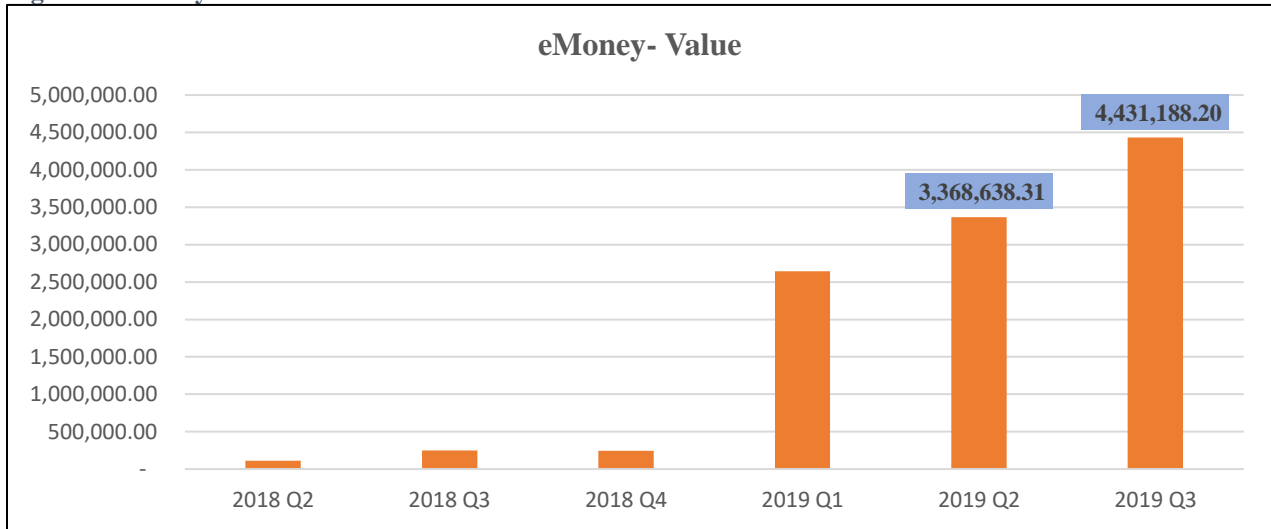
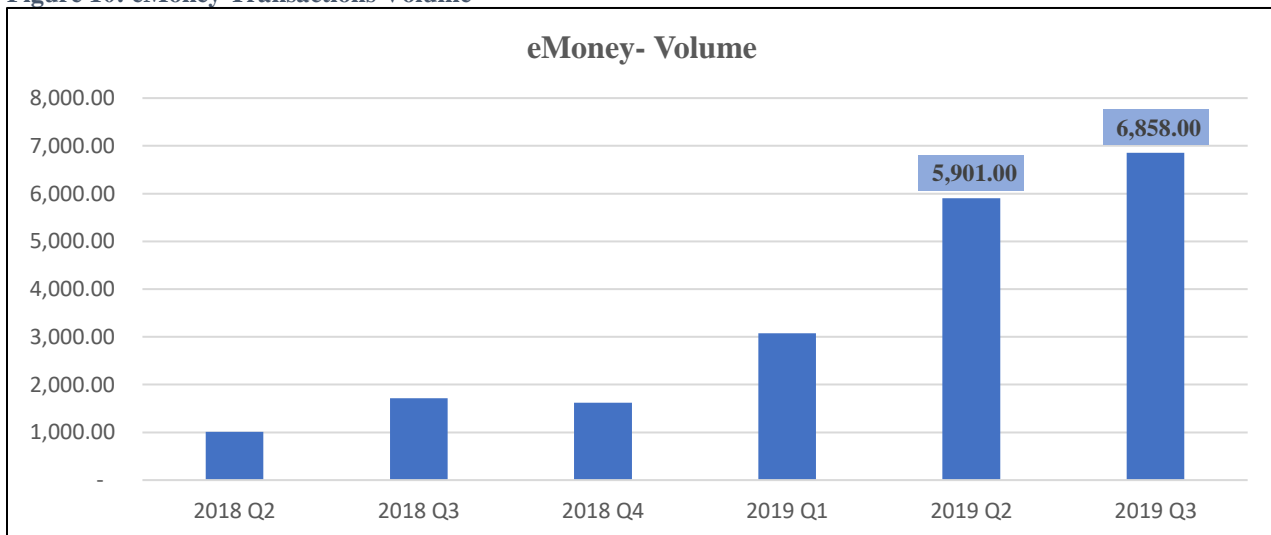


Figure 10: eMoney Transactions Volume



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2.6 SWIFT:

1. Figure 11 below shows a gradual increase of the total volume of SWIFT over the quarters with the highest volume of 14,121 transactions recorded in the quarter under review.
2. This graph shows the consolidated data for the volume of transactions for 9 currencies made in all 5 banks and RMA itself.
3. The volume and value of transactions for US Dollars is predominantly high compared to all the other currencies.
4. Figure 10 is a pie chart showing the distribution of different currency transactions in Q3 2019 where the volume of USD is highest, followed by AUD and then by Euros.

Figure 11: SWIFT Transactions Volume

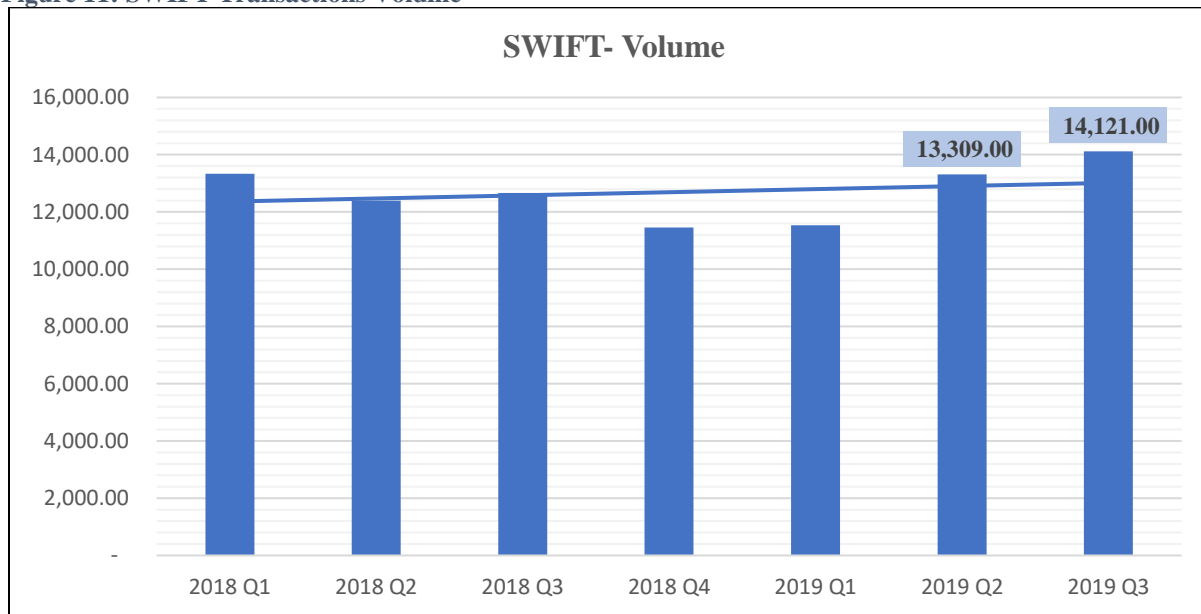
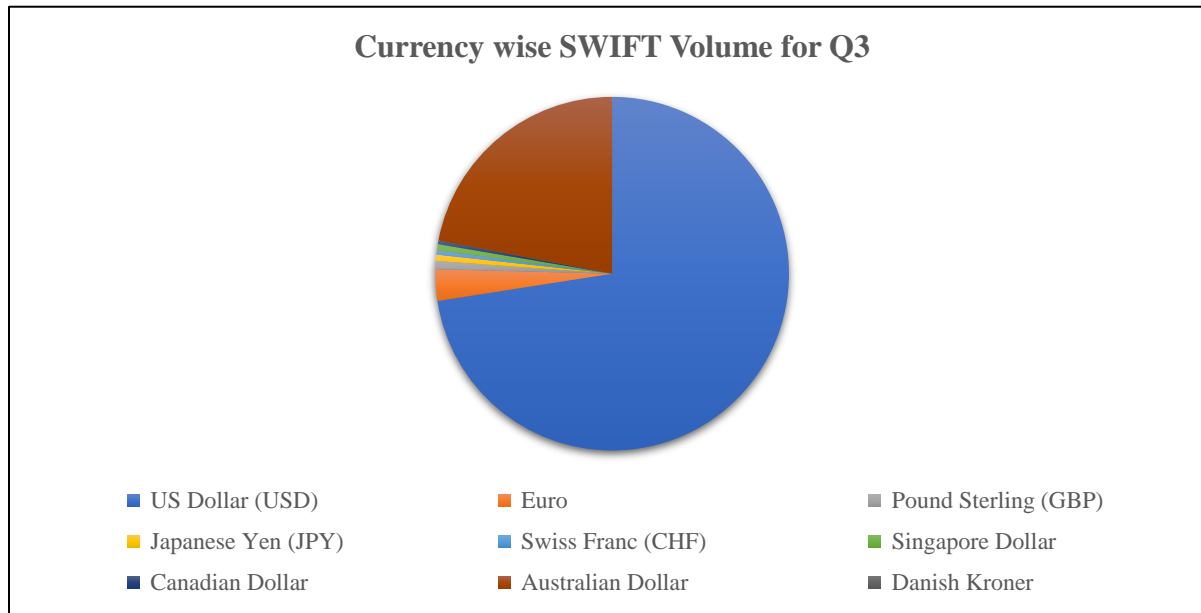


Figure 12: SWIFT Transactions Volume



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3. Payment System Infrastructure:

Category	Indicators	QTR 2	QTR 3	% change
Institutions offering payment service	Commercial banks	5	5	-
	Bank Branches	95	95	-
	ATM terminals	257	258	0.39%
	PoS terminals	875	908	3.77%
	E-money Institutions	2	2	-
Mobile Banking	Total number of Registered customers	170,011.00	189,581.00	11.51%
	Number of Mobile App	5	5	-
	No. of bank account holders	827,981.00	939,978.00	13.53%
Point of Sale (PoS)	Number of Terminals (cumulative)	875	908	3.77%
	Number of registered merchants	815	846	3.80%
E-money	Total number of Registered customers	49,165.00	50,135.00	1.97%
Ratio	Cash in Circulation (in millions)	12,545.21	12,505.04	-0.32%
	Nominal GDP (2017/18) (in millions)	164,627.92	164,627.92	-
	Ratio	7.62%	7.60%	-0.32%

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4. Statistical Tables:

Table 1 :Cheque Transactions- OnUS

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	179.02	46,689.87	208.64	62,891.45	162.48	41,277.16	172.23	44,012.63	160.99	40,437.57	202.46	51,275.25	131.26	36,433.00
BNBL	58.14	7,843.05	69.72	9,613.66	59.86	9,045.63	68.13	9,629.68	52.53	7,525.64	63.28	9,298.59	54.83	9,130.09
BDBL	1.23	304.48	1.18	473.42	1.07	326.99	1.07	327.77	1.04	427.48	1.12	765.96	1.04	578.01
DPNB	0.35	329.75	0.44	347.59	0.41	162.64	0.41	152.97	6.06	6,781.73	7.62	7,919.91	0.28	83.44
Tbank	3.09	392.31	3.46	552.65	5.87	1,306.50	6.31	1,503.10	5.76	0.00	7.16	0.00	16.57	1,691.58
Total	241.82	55,559.46	283.44	73,878.78	229.68	52,118.91	248.15	55,626.15	226.38	55,172.41	281.65	69,259.71	203.97	47,916.12

Table 2 :Cheque Transactions- Interbank

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	17.87	11,026.00	19.96	10,386.35	18.93	9,981.32	19.78	9,858.04	19.20	11,976.95	20.64	12,355.99	18.84	10,512.72
BNBL	11.91	2,674.68	14.27	2,745.86	11.72	6,400.08	12.96	1,856.37	11.46	1,693.14	13.94	1,906.79	6.69	1,395.03
BDBL	0.99	385.47	1.10	700.36	1.85	471.43	2.83	803.53	2.31	420.34	2.78	508.98	0.96	1,577.43
DPNB	3.81	1,667.34	4.48	2,510.46	3.74	2,328.82	3.93	2,034.28	3.36	1,520.07	3.94	2,618.39	2.79	332.85
Tbank	4.43	3,124.23	5.36	1,013.48	4.52	717.22	4.97	841.56	4.36	786.93	5.34	1,078.76	3.77	756.85
Total	39.00	18,877.73	45.16	17,356.52	40.76	19,898.86	44.46	15,393.77	40.68	16,397.42	46.62	18,468.91	33.06	14,574.89

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Table 3: GIFT Transactions-Inward

(Value in Million- Nu)

Banks	RTGS						BIT						BULK					
	Q1		Q2		Q3		Q1		Q2		Q3		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	2.00	7.30	26.00	91.07	196.00	3,098.90	41.00	0.96	208.00	21.74	837	96.41	17.00	0.03	770.00	33.48	2,195.00	511.60
BNBL	-	-	6.00	54.10	119.00	1,400.29	11.00	0.02	45.00	5.24	339.00	53.48	37.00	1.08	186.00	20.89	2,288.00	137.57
BDBL					35.00	351.19	6.00	0.00	5.00	0.78	229.00	17.61	19.00	0.07	23.00	0.25	5,057.00	42.78
DPNB	2.00	4.13	17.00	77.18	99.00	662.79	9.00	0.58	77.00	26.30	273.00	81.75	21.00	0.15	73.00	1.00	351.00	50.79
Tbank	-	-	7.00	33.45	45.00	856.91	10.00	0.01	39.00	4.94	125.00	13.11	13.00	0.10	40.00	0.49	5,076.00	122.77
Total	4.00	11.43	56.00	255.79	494.00	6,370.08	77.00	1.56	374.00	59.01	1,803.00	262.36	107.00	1.43	1,092.00	56.12	14,967.00	865.51

Table 4: GIFT Transactions- Outward

(Value in Million- Nu)

Banks	RTGS						BITS						BULK					
	Q1		Q2		Q3		Q1		Q2		Q3		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	-	-	9.00	19.18	220.00	2,430.73	15.00	0.03	64.00	10.93	713.00	127.80	76.00	1.40	232.00	3.62	12,463.00	256.03
BNBL	4.00	11.43	40.00	176.87	202.00	2,300.45	29.00	1.46	202.00	38.95	1,017.00	128.78	-	-	4.00	0.11	194.00	3.48
BDBL	-	-	3.00	8.85	26.00	1,209.10	6.00	0.001	28.00	1.79	15	0.71	11.00	0.026	431.00	13.83	643.00	122.65
DPNB	-	-	-	-	37.00	254.99	12.00	0.0003	2.00	0.02	57.00	4.64	6.00	0.000	-	-	206.00	30.80
Tbank	-	-	4.00	50.90	9.00	174.81	15.00	0.07	78.00	7.31	1.00	0.42	14.00	0.00	425.00	38.56	1,461.00	452.55
Total	4.00	11.43	56.00	255.79	494.00	6,370.08	77.00	1.56	374.00	59.01	1,803.00	262.36	107.00	1.43	1,092.00	56.12	14,967.00	865.51

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Table 5: Mobile Banking Transactions- OnUS

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	-	-	-	-	3,372.61	7,221.67	5,198.82	11,116.36	5,204.94	12,214.26	6,289.56	15,254.63	7,133.90	16,571.32
BNBL	10.26	105.61	26.41	360.09	39.94	566.29	53.45	693.16	56.04	742.02	82.83	1,050.25	98.45	1,125.81
BDBL	0.58	8.27	0.01	0.01	-	-	9.88	5.72	57.44	39.42	65.69	59.30	77.99	52.11
DPNB	0.28	2.80	0.35	8.99	0.38	9.22	0.51	12.80	0.68	8.85	1.16	14.28	0.95	12.07
Tbank	6.23	83.95	10.02	114.52	10.57	101.52	17.73	135.97	23.58	150.46	2.59	23.11	38.97	396.40
Total	17.35	200.64	36.80	483.61	3,423.50	7,898.69	5,280.40	11,964.01	5,342.68	13,155.01	6,441.82	16,401.57	7,350.26	18,157.71

Table 6: Internet Banking Transactions- OnUS

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	2.57	102.26	2.28	127.73	2.63	141.90	2.27	96.93	2.44	110.79	2.32	96.87	2.31	93.00
BNBL	0.89	57.22	0.93	68.33	0.43	29.15	0.61	38.47	0.20	13.39	0.32	13.93	0.26	10.21
DPNB	0.30	13.39	0.32	11.17	0.29	9.68	0.21	10.45	0.22	10.45	0.24	8.90	0.07	5.40
Total	3.77	172.87	3.54	207.23	3.35	180.74	3.09	145.84	2.86	134.64	2.88	119.70	2.64	108.61

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Table 7: Mobile and Internet Banking Transactions (Acquiring)-Interbank

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	20.87	148.96	42.72	339.39	52.25	412.64	76.21	566.34	82.19	655.06	139.95	1,004.43	164.47	1,537.50
BNBL	31.69	346.68	49.56	524.55	52.18	516.93	62.47	577.10	62.67	583.25	90.91	815.68	140.41	931.33
BDBL	10.65	106.74	14.75	145.23	16.84	155.76	18.60	175.63	21.43	200.39	32.44	310.62	24.72	165.26
DPNB	19.85	173.67	25.06	234.27	21.20	197.27	22.32	193.86	20.25	188.78	11.49	102.58	2.87	17.17
Tbank	3.02	40.99	4.75	55.52	4.90	48.30	7.85	60.80	11.04	70.79	13.70	94.40	10.59	79.52
Total	86.07	817.04	136.84	1,298.96	147.37	1,330.90	187.45	1,573.74	197.57	1,698.27	288.49	2,327.72	343.06	2,730.77

Table 8: Mobile and Internet Banking Transactions (Issuing)- Interbank

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	63.41	648.47	90.00	914.07	90.94	876.11	104.94	954.28	107.07	975.14	138.29	1,236.59	170.02	1,107.66
BNBL	18.78	145.86	42.21	346.47	54.75	440.95	76.23	581.02	71.87	579.01	121.94	882.04	109.58	969.44
BDBL	2.11	9.28	0.28	1.62	6.07	2.12	2.82	13.01	10.99	77.77	18.65	132.82	43.49	431.30
DPNB	0.74	5.02	1.51	14.17	1.27	11.72	2.08	14.57	2.77	22.84	2.01	15.51	10.92	108.42
Tbank	1.03	8.41	2.83	22.63	0.02	0.004	1.38	10.87	4.88	43.51	7.60	60.75	9.04	113.95
Total	86.07	817.04	136.84	1,298.96	153.06	1,330.90	187.45	1,573.74	197.57	1,698.27	288.49	2,327.72	343.06	2,730.77

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Table 9: ATM Transactions- OnUS

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	1,319.93	4,822.00	1,388.90	4,824.08	949.28	3,275.21	1,189.26	4,240.86	1,248.97	4,714.91	957.50	3,490.64	1,633.64	6,032.43
BNBL	106.93	459.92	144.43	586.20	168.87	663.72	174.22	711.51	163.54	695.52	188.00	734.84	188.15	726.44
BDBL	87.10	229.05	94.20	240.14	92.13	228.42	109.72	253.20	109.07	263.41	116.44	257.67	123.16	284.86
DPNB	77.92	404.26	81.55	403.70	81.03	396.80	74.26	384.47	71.22	383.91	66.43	349.98	66.29	337.56
Tbank	18.59	69.94	19.94	70.68	20.70	73.78	25.41	94.53	27.66	102.29	28.75	96.08	30.31	97.79
Total	1,610.46	5,985.16	1,729.02	6,124.79	1,312.02	4,637.93	1,572.88	5,684.56	1,620.45	6,160.04	1,357.12	4,929.21	2,041.56	7,479.07

Table 10: ATM Transactions- Acquiring (interbank)

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	98.91	306.04	89.25	252.08	87.94	247.45	83.12	243.43	70.57	199.67	69.68	193.97	75.45	202.08
BNBL	112.13	257.57	157.22	336.39	156.93	336.00	179.49	390.06	144.52	333.51	172.93	355.73	164.32	368.02
BDBL	59.12	152.56	65.35	162.09	63.64	144.75	72.58	160.28	73.00	167.03	78.16	163.88	84.59	188.32
DPNB	88.00	267.87	78.36	222.21	69.41	199.72	69.33	198.96	60.68	189.40	54.85	155.59	61.72	184.74
Tbank	40.63	119.72	39.34	110.82	43.02	114.89	43.02	114.89	49.91	142.59	32.85	89.37	54.02	152.04
Total	398.78	1,103.76	429.51	1,083.59	420.94	1,042.81	447.55	1,107.63	398.68	1,032.20	408.47	958.54	440.10	1,095.21

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Table 11: ATM Transactions- Issuing (interbank)

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	258.65	683.29	289.59	697.53	283.91	673.60	318.27	753.42	280.51	712.63	306.44	694.72	315.68	773.73
BNBL	69.23	216.36	70.08	206.42	64.78	183.24	66.70	195.82	58.10	165.41	57.57	157.99	63.23	168.67
BDBL	13.321	37.80	12.20	29.32	12.41	32.13	13.50	36.88	12.15	35.13	11.13	29.22	13.37	34.33
DPNB	45.761	134.99	44.25	116.42	45.39	117.73	42.16	109.65	35.44	87.03	37.05	90.43	32.94	83.41
Tbank	11.818	31.32	13.40	33.90	14.46	36.12	12.89	31.71	12.40	31.74	13.20	32.42	13.19	30.42
Total	398.78	1,103.76	429.51	1,083.59	420.94	1,042.81	453.52	1,127.47	398.59	1,031.94	425.39	1,004.78	438.41	1,090.56

Table 12: PoS Transactions-On-Us

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	6.33	22.41	8.95	30.97	9.34	37.53	6.66	31.38	2.81	13.15	2.55	13.76	2.65	13.14
BNBL	-	-	0.14	0.15	0.10	0.24	0.16	0.42	0.04	0.07	0.12	0.13	0.10	0.32
Tbank	0.21	0.23	0.46	2.12	0.60	5.61	0.33	2.85	0.09	0.04	0.25	0.40	0.47	1.04
Total	6.54	22.65	9.54	33.23	10.04	43.38	7.15	34.65	2.94	13.27	2.93	14.29	3.23	14.51

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Table 13: PoS Transactions (Acquiring)- Interbank

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	0.98	2.50	1.54	3.78	1.04	2.94	0.61	1.75	0.35	1.06	0.39	1.12	0.32	1.18
BNBL	-	-	0.12	0.27	0.87	2.48	0.19	0.73	0.08	0.31	0.57	2.83	0.68	2.20
DPNB	-	-	-	-	-	-	-	-	-	-	-	-	0.11	0.02
Tbank	1.33	3.34	3.06	9.42	3.10	9.78	2.96	11.19	2.24	10.12	4.45	15.52	3.95	12.87
Total	2.31	5.84	4.71	13.47	5.01	15.20	3.76	13.67	2.67	11.48	5.41	19.48	5.06	16.27

Table 14: PoS Transactions (Issuing)- Interbank

(Volume in Thousands & Value in Million- Nu)

Banks	2018								2019					
	Q1		Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BOBL	1.14	2.98	2.70	8.77	2.67	8.76	2.78	10.81	2.05	9.82	4.46	16.98	3.99	13.79
BNBL	N/A	N/A	1.06	2.70	0.08	0.12	0.85	2.59	0.44	1.24	0.82	2.16	0.63	1.82
BDBL	0.04	0.07	0.07	0.12	0.05	0.20	0.05	0.07	0.01	0.03	0.01	0.01	0.02	0.06
DPNB	0.56	1.02	0.75	1.46	0.52	0.97	0.05	0.08	0.13	0.34	0.22	0.36	0.24	0.40
Tbank	0.06	0.12	0.14	0.40	0.09	0.50	0.04	0.12	0.02	0.06	0.04	0.07	0.02	0.06
Total	1.80	4.19	4.71	13.47	3.41	10.55	3.76	13.67	2.66	11.48	5.54	19.58	4.90	16.11

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Table 15: Rupay Transactions- ATM

(Value in Million- Nu)

Banks	2019			
	Q2		Q3	
	Volume	Value	Volume	Value
BOBL	271	1.36	286	1.01
BNBL	280	0.87	547	0.81
BDBL	101	0.25	239	0.59
DPNB	123	0.53	529	2.09
Tbank	80	0.27	84	0.15
Total	855	3.28	1685	4.66

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Table 16: E-money Transactions

Types of service	2018						2019					
	Q2		Q3		Q4		Q1		Q2		Q3	
	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value	Volume	Value
BPC bill Payment							13.00	12,446.00	26.00	10,802.00	27.00	9,198.00
Landline Auto settlement	17.00	4,002.50	35.00	7,926.00	24.00	4,393.00	17.00	5,171.00	22.00	7,687.00	29.00	7,977.00
Broadband	40.00	21,061.00	120.00	58,880.00	133.00	98,698.00	97.00	58,390.00	154.00	83,446.00	106.00	68,189.00
Postpaid	14.00	24,093.00	38.00	65,728.00	24.00	30,731.00	19.00	44,853.00	51.00	68,010.31	38.00	49,005.00
Prepaid	938.00	60,424.00	1,525.00	114,012.00	1,438.00	108,633.00	1,571.00	122,666.00	3,266.00	330,583.00	4,095.00	446,871.00
Add from Bank	-	-	-	-	-	-	932.00	1,220,134.00	1,792.00	1,478,154.00	1,906.00	2,025,035.60
Sent to Bank	-	-	-	-	-	-	302.00	690,318.00	454.00	920,086.00	455.00	1,204,657.60
Cash In	-	-	-	-	-	-	22.00	140,650.00	33.00	139,750.00	40.00	174,445.00
Cash Out	-	-	-	-	-	-	103.00	347,650.00	103.00	330,120.00	162.00	445,810.00
Total	1,009.00	109,580.50	1,718.00	246,546.00	1,619.00	242,455.00	3,076.00	2,642,278.00	5,901.00	3,368,638.31	6,858.00	4,431,188.20
Subscriber Base							47,925.00		49,165.00		50,135.00	
Merchants							3.00		7.00		9.00	

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Table 17: SWIFT Transactions-2018

(Value in Million- Nu)

Currency	2018											
	Q1			Q2			Q3			Q4		
	Volume	Value (Inflow)	Value (Outflow)	Volume	Value (Inflow)	Value (Outflow)	Volume	Value (Inflow)	Value (Outflow)	Volume	Value (Inflow)	Value (Outflow)
US Dollar (USD)	10530.00	98.87	73.56	9509.00	71.96	82.30	9830.00	82.62	75.27	9220.00	77.71	9.44
Euro	394.00	1.29	2.25	358.00	1.07	2.60	341.00	0.95	1.69	373.00	1.99	0.27
Pound Sterling (GBP)	87.00	0.09	0.14	100.00	0.09	0.22	104.00	0.17	0.39	98.00	0.17	0.04
Japanese Yen (JPY)	68.00	9.81	129.91	95.00	27.17	80.99	103.00	20.37	94.86	64.00	59.84	6.56
Swiss Franc (CHF)	49.00	0.07	63.97	27.00	0.02	87.51	39.00	0.11	0.40	35.00	0.08	0.06
Singapore Dollar	69.00	0.04	3.36	62.00	0.02	0.38	80.00	0.06	0.65	73.00	0.02	0.04
Canadian Dollar	0.00	0.00	3.91	0.00	0.00	1.42	3.00	0.01	0.01	5.00	0.01	0.16
Australian Dollar	2139.00	9.66	0.81	2249.00	7.18	1.35	2165.00	9.17	1.81	1585.00	4.85	0.20
Danish Kroner	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Total	13,336.00	119.83	277.91	12,400.00	107.50	256.77	12,666.00	113.46	98.04	11,453.00	144.68	3.89

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Table 18: SWIFT Transactions-2019

(Value in Million- Nu)

Currency	2019								
	Q1			Q2			Q3		
	Volume	Value (Inflow)	Value (Outflow)	Volume	Value (Inflow)	Value (Outflow)	Volume	Value (Inflow)	Value (Outflow)
US Dollar (USD)	9115.00	79.71	78.30	9667.00	73.74	79.42	10,241.00	331.96	292.60
Euro	402.00	1.98	3.83	434.00	2.16	4.20	406.00	7.46	5.91
Pound Sterling (GBP)	77.00	0.16	0.38	99.00	0.11	0.26	106.00	0.30	0.32
Japanese Yen (JPY)	78.00	67.83	89.41	73.00	10.27	21.34	81.00	99.75	104.58
Swiss Franc (CHF)	42.00	0.13	0.53	50.00	0.13	10.27	55.00	0.15	0.20
Singapore Dollar	65.00	0.06	0.51	77.00	0.30	0.70	79.00	11.90	0.54
Canadian Dollar	7.00	0.01	0.00	6.00	0.01	0.00	47.00	0.01	0.32
Australian Dollar	1578.00	2.52	3.93	2715.00	6.50	5.00	3,104.00	10.15	2.31
Danish Kroner	1.00	0.01	0.00	2.00	0.00	0.00	2.00	0.00	0.01
Total	11,365.00	152.41	176.90	13,123.00	93.23	121.20	14,121.00	461.68	406.78