Nigerian Telecommunications (Services) Sector Report

Q2 2016

01 SEPTEMBER 2016

NATIONAL BUREAU OF STATISTICS

Telecommunications Data

The telecommunications data used in this report were obtained from the National Bureau of Statistics (NBS) and the Nigerian Communication Commission (NCC). Variables obtained from NBS include Gross Domestic Product contribution and growth, whilst NCC indicators include those on subscribers to mobile and internet services by provider, porting activities and information on tariffs. All data are subject to amendments by NCC and should be treated as preliminary.

Telecommunications in GDP and growth

In real terms, the telecommunications sector contributed N 1,580 billion to GDP in the second quarter of 2016, or 9.8%, which represents an increase of 1.0% points relative to the previous quarter. This is the largest contribution to GDP made from this sector in the rebased period, which emphasises that growth in telecommunications has remained robust when compared to total GDP. However due to differing seasonal patterns, the contribution from telecommunications is usually the largest in the second quarter.

Although growth in the telecommunications sector remained positive, in contrast with the economy as a whole, year on year growth nevertheless dropped in real terms from 5.0% in the previous quarter to 1.5%, the lowest rate since 2011 Q3.

The share of telecommunications in total real GDP had declined throughout 2010 to 2014, but for the last five quarters growth in telecommunications has been higher, meaning the trend has reversed.

Figure 1: Percentage Contribution of telecommunication to constant price GDP, and annual growth

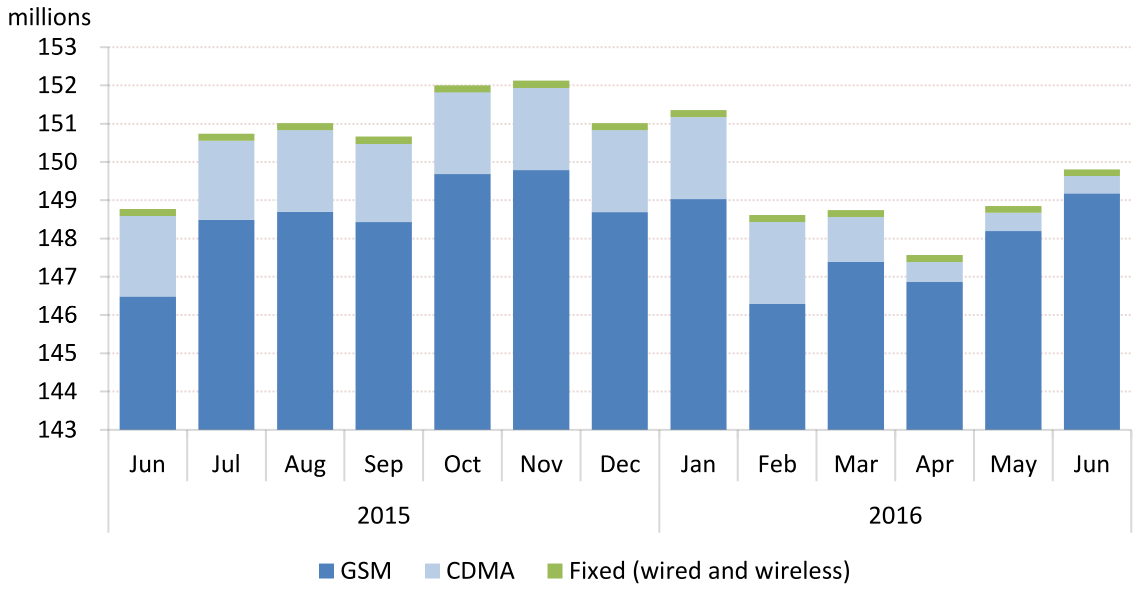
Subscribers as of June 2016

The total number of subscribers has increased rapidly over the past decade; at the end of 2005 there were 19,519,154 subscribers, but by the end of 2015 there were 151,017,244, which is equivalent to an increase of 13,149,809 every year. However, growth has been declining more recently, possibly as a result of high market penetration leaving less room for large expansion.

In June 2016 – the end of the second quarter – there were 149,803,714 subscribers compared with 148,775,410 in June 2015, which represents an increase of 0.69%. The yearly increase in total subscriber numbers has been decreasing steadily for the past year; in June 2015 the year on year increase was 12.05%. However, after falling between January and April 2016, the number of subscribers began to increase again, and in June the number was 0.71% higher than at the end of the first quarter in March.

This increase is despite a sharp drop in CDMA subscribers; between June 2015 and June 2015 the number fell from 2,105,981 to 454,092, a decrease of 78.44% (explored further below). Although CDMA remains the second most popular technology type, this decrease has meant that the GSM technology type has entrenched its position as the dominant provider of mobile subscriptions. This is illustrated in figure 2, which breaks down total subscriptions over the last year by technology type.

Figure 2: Total number of subscribers each month, Jun 2015 – Jun 2016



Source: NBS, NCC
Note: Y-axis has been truncated

Subscribers by Technology Type

Subscriber data is broken into four sections according to the technology type used. The first two are for mobile technology; Global System for Mobile Communications (GSM) and Core Division Multiple Access (CDMA), whilst the latter two are fixed lines, either wireless or wired. Mobile subscribers using GSM dominate, and accounted for 99.58% of the total in June 2016, followed by CDMA with 0.30% of the total, whist fixed wired and wireless make up 0.08% and 0.03% respectively. The dominance of GSM users has increased since June 2015 when 98.46% of subscribers used this technology type, however this increase was largely as a result of the decline in CDMA users over the second quarter of 2016. The proportion of subscribers using fixed lines has remained broadly stable over the past year, albeit at very small levels.

The dominance of GSM over CDMA in the mobile technology is characteristic worldwide; GSM accounted for over 80% of the global market in 2009 Q2 according to industry estimates[1]. With GSM technology, it is cited as being easier to switch networks, and it is regarded as being more accessible for international use, especially given that some markets (such as in Europe) have mandated the technology by law. However, CDMA is more prevalent in the United States.

Mobile Subscribers (GSM)

In June 2016, the total number of GSM subscribers was 149,179,083, an increase of 2,692,267, or 1.84% relative to June 2015. In both percentage and absolute terms, the year on year increases in GSM subscriber numbers have been falling steadily over the past 12 months. In March 2016, the year on year growth rate was 4.06%, and in June 2015 the rate was 12.22%. However, the number of GSM subscribers increased throughout the second quarter of 2016, from 146,866,356 in April.

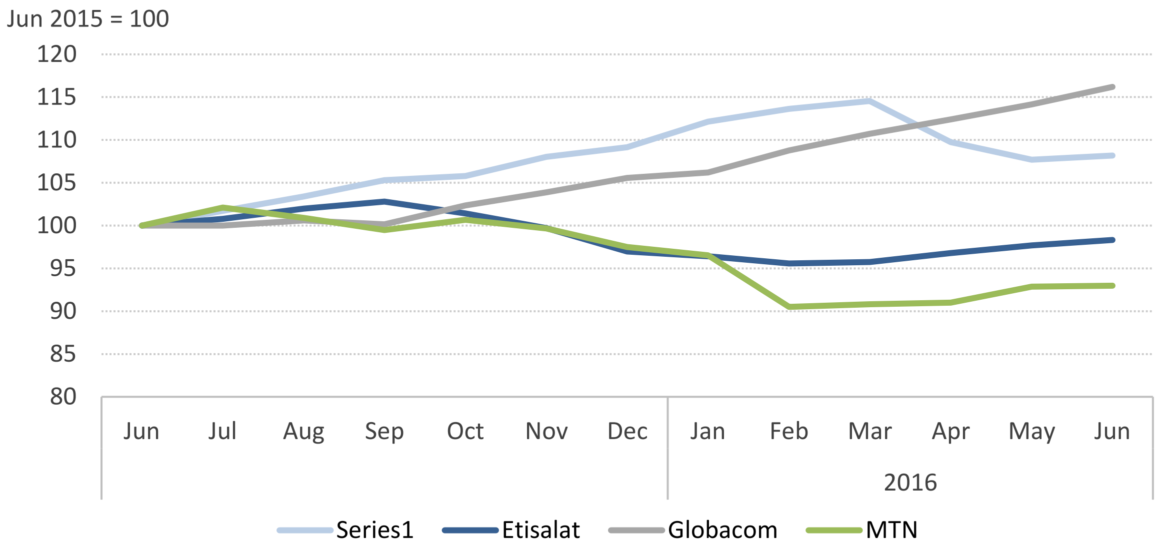
The second quarter of 2016 saw a partial reversal of trends that had been recorded since August 2015. After declining between then and March 2016, the number of MTN and Etisalat subscribers began to increase again; the number of MTN subscribers rose from 57,045,721 to 58,409,767 between March and June 2016, and Etisalat subscriber numbers rose from 21,877,542 to 22,469,896 over the same period. These changes represent quarter on quarter growth rates of 2.39% and 2.71% respectively, although year on year growth rates were still negative, at -7.01% for MTN and -1.67% for Etisalat.

Airtel also witnessed a reverse in trend. In the second quarter of 2016 the provider recorded growth of -5.57%, following consistent positive growth since August 2014. Nevertheless, the year on year growth was positive at 8.17%, and there was a slight increase between May and June of 0.44%. Airtel ended the quarter with 31,978,848 subscribers.

By contrast, Globacom continued their uninterrupted growth in subscriber numbers. With the highest quarter on quarter growth and and year on year growth rates of 4.95% and 16.20% respectively, Globacom also recorded the largest increases in absolute terms by both measures. At the end of the second quarter Globacom had 36,320,572 subscribers.

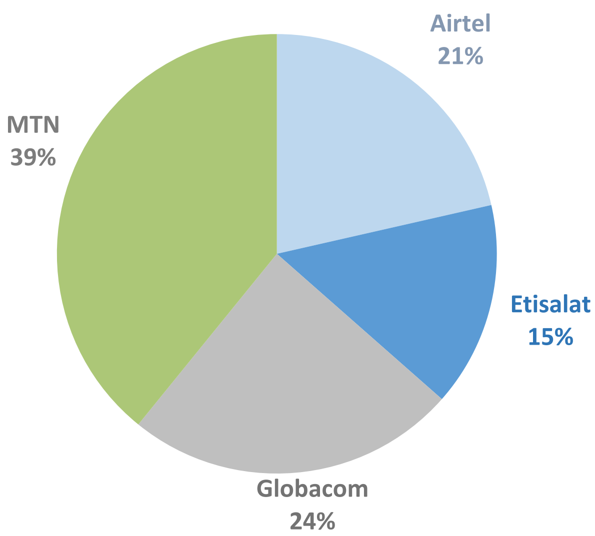
[1] GSM World Statistics page, latest publicly available estimates

Figure 3: GSM subscribers relative to Jun 2015 by provider, Jun 2015 – Jun 2016



As a result of these trends, Globacom increased their share of total subscriptions to 24.35%, from 23.48% at the end of the previous quarter and 21.34% a year previous. Both MTN and Etisalat also increased their percentage share of subscribers relative to the previous quarter; MTN's share increased from 38.70% to 39.15% and Etisalat's share increased from 14.84% to 15.06%. However, both providers nevertheless recorded a decrease in their share relative to June 2015, when the shares for MTN and Etisalat were 42.88% and 15.60% respectively. Airtel was the only provider to record a decrease in their share relative to the previous quarter; in June 2016 their share was 21.44% compared to 22.98% in March. However, this still represents an increase relative to the share of 20.18 recorded in June 2015.

Figure 4: Share of total GSM subscribers by provider, Jun 2016



Note: Numbers may not sum to 100 due to rounding

Mobile Subscribers (CDMA)

IN June 2016, at the end of the second quarter of 2016 there were 454,092 CDMA subscribers, which represents a decline of 61.19% relative to the end of the previous quarter. This is the second consecutive sharp decline in CDMA subscriber numbers; in March there was a drop of 45.55% from 2,148,727 in December 2015 to 1,170,031. As a result, the year on year fall was 78.44%, from 2,105,981 in June 2015.

Both providers of this technology type contributed to the decline, but Visafone recoded the larger fall both quarter on quarter and year on year, of 61.37% and 78.54% respectively, compared to 27.09% and 58.66% respectively for Multilinks. This, accompanied by Visafone's much larger share of the market meant that Visafone was the main driver of the large decrease in subscribers. Of a decline in absolute terms of 715,939 subscribers quarter on quarter, Visafone accounted for 714,282. Nevertheless, the decline in the number of Multilinks subscribers has been consistent since 2014; there have been only two months in which they have recorded increases, and the only quarter to recorded positive growth was the second quarter of 2015 since May 2014.

Despite the large fall in Visafone subscribers, Visafone remained by far the largest CDMA provider, and accounted for 99.02% of CDMA subscriptions in

June. Considering the large fall in subscriber numbers, this is only slightly less than the share of 99.48% that Visafone accounted for in March. However, it is nevertheless the smallest share recorded since August 2014.

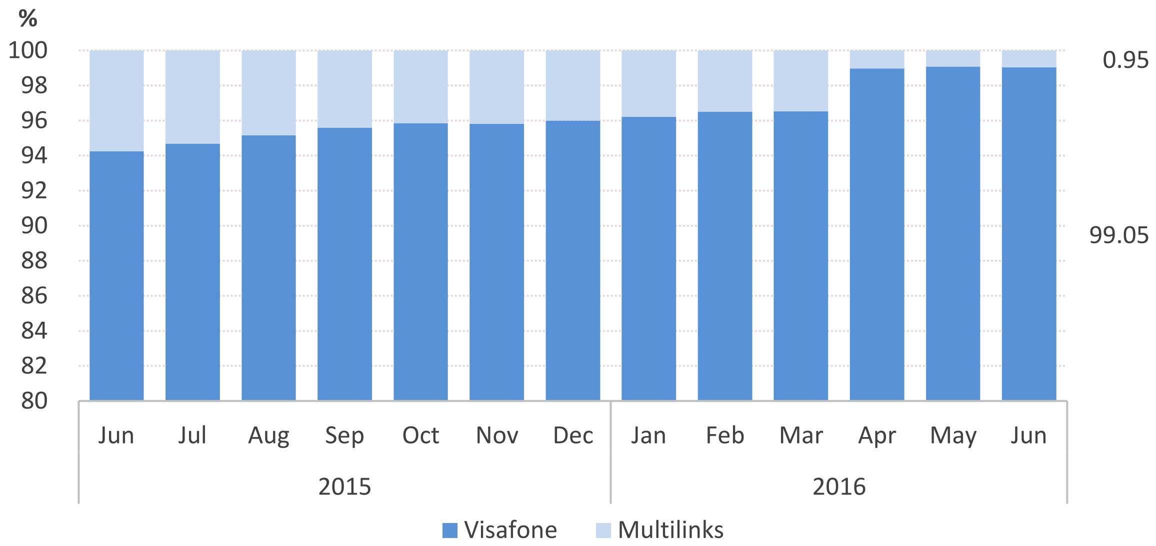
Fixed Wireless Line

As with CDMA subscribers, the number of fixed wireless line subscriptions dropped sharply in June 2016, after having remained fairly stable for over a year. However the decline was less sharp than for CDMA subscriptions. In June 2016 there were 45,087 subscriptions, compared with 51,383 in March 2016 and 58,935 in June 2015, which imply declines of 12.25% and 23.50% respectively.

In percentage terms, Multilinks recorded by far the biggest decreases. In June 2016 the provider had 428 subscribers, compared with 1,787 in March 2016 and 3,387 in June 2015, which represents falls of 76.05% and 87.36%. By contrast, Visafone recorded quarter on quarter and year on year decreases of 9.95% and 19.60% respectively. However, given Visafone's larger share of the market, their decline had a far larger impact on overall numbers of fixed wireless line subscribers. Of the 6,296 fixed wireless line subscribers that were lost between March and June 2016, 4,937 of these were accounted for by Visafone. In June 2016 Visafone had 44,650 subscribers, compared to 49,596 in March 2016 and 55,548 in June 2015.

Due to Multilinks recording a larger decrease in percentage terms, Visafone's share of total subscriptions continued to rise, from 96.52% in March 2016 to 99.05% in June 2016. This was the first period in which Visafone dominated the fixed wireless line market to a greater extent than the CDMA market, although both markets are recording consistent declines in subscriber numbers.

Figure 5: Share of Fixed Wireless line subscribers, by provider, Jun 2015 – Jun 2016



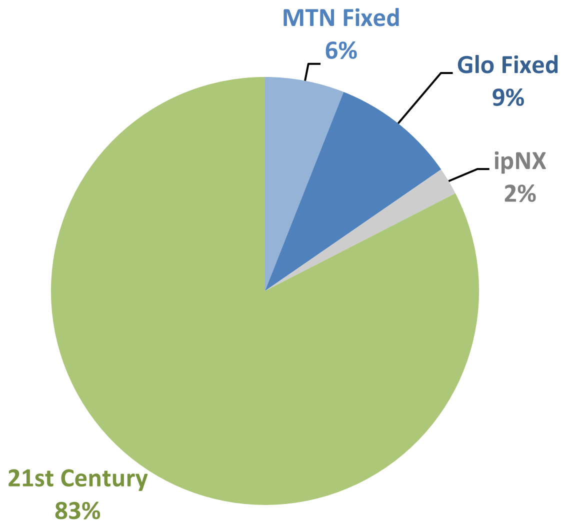
Fixed Wired Line

In contrast to fixed wireless line and CDMA technology types, the number of fixed wired line subscribers increased slightly both quarter on quarter (by 0.20%) and year on year (by 1.41%). In June 2016 there were 125,452 subscribers to this technology type, compared to 125,196 in March 2016 and 123,708 in June 2015.

IpNX was the only fixed wired line provider to record a quarter on quarter decline in their number of subscribers, which fell from 2,764 in March 2016 to 2,597 in June 2016, a fall of 6.04%. The other three providers for this technology type all recorded small increases, although none of the increases were above 1%. 21st Century and Glo Fixed each recorded increases of 0.35% relative to March 2016; the number of 21st Century subscribers increased from 103,191 to 103,552, and the number of Glo Fixed subscribers increased from 11,750 to 11,791. The increase recorded by MTN Fixed was slightly less: their number of subscribers increased from 7,491 in March to 7,514 in June 2016, an increase of 0.20%.

The picture was markedly different for year on year growth rates. Only 21st century recorded a positive increase relative to June 2015, whose subscribers increased by 4.23%. The other three providers recorded declines, although the largest decline was for MTN Fixed, whose numbers declined by 22.45%. IpNX and Glo Fixed saw their number of subscribers fall by 8.52% and 0.36% respectively over the same period.

Figure 6: Share of total Fixed Wired Line subscriptions, by provider, Jun 2016

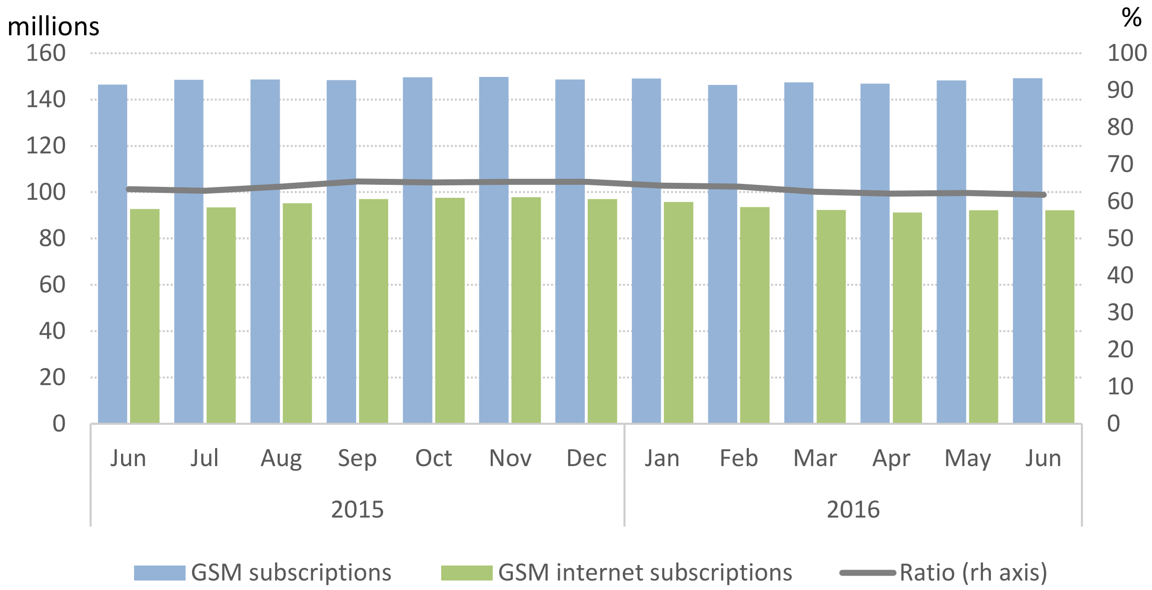


Internet Subscriptions

GSM internet subscriptions

Of all GSM users, a total of 92,181,978 had an internet subscription with one of the four carriers of Airtel, Etisalat, Globacom and MTN in June 2016. This means that all of the active GSM lines, 61.79% had an internet subscription. Throughout most of 2014 and 2015 this proportion had been increasing, however in the first two quarters of 2016 it had declined; from 65.26% in December 2015 to 62.61% in March 2016, and further to 61.79% in June 2016. This proportion also lower than in June 2015, when it was 63.28%. This was the first month or quarter to record a fall in this proportion relative to the previous year.

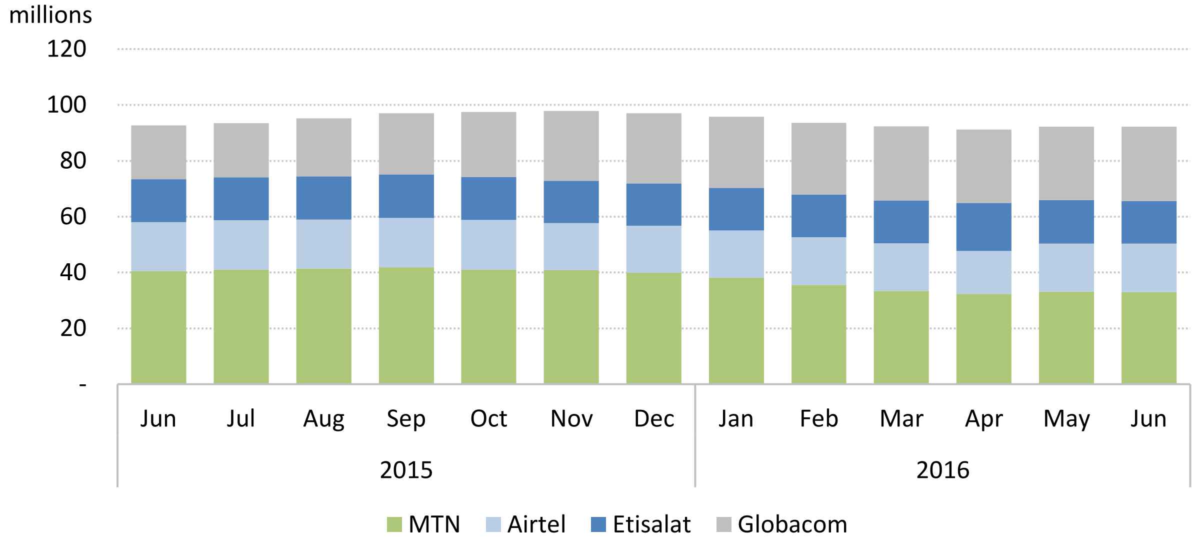
Figure 7: GSM Subscribers and internet subscriptions, Jun 2015 – Jun 2016



Whereas the number of GSM subscriptions increased by 1.21% relative to the end of the first quarter, the number of GSM Internet subscriptions reduced by 0.11%, from 92,285,052 in March 2016. The fall was not consistent throughout the quarter – there was a slight increase in May. As in the previous quarter, the fall was entirely as a result of fewer MTN internet subscriptions. There were 32,974,177 internet subscriptions with MTN in June 2016, 1.15% less than the 33,356,595 internet subscriptions recorded in March 2016. All other providers saw slight increases, although in each case the increase was less than one percent. As a result, MTN's share of GSM internet subscriptions fell to 35.77%, down from 36.15% in March 2016 and 43.67% in June 2015. However, it is still the largest provider for this technology type.

Although they recorded slight increase relative to the previous quarter, the number of internet subscriptions with other GSM providers was broadly flat. The largest increase was recorded by Airtel, whose number increased by 0.99% relative to March 2016. This compares with an increase of 0.37% for Globacom and an increase of 0.07% for Etisalat over the same period. Year on year a markedly different picture emerges. Airtel, Etisalat and MTN all record decreases, of 1.55%, 0.21%, and 18.55% respectively. Globacom on the other hand recorded a marked increase of 37.75%

Figure 8: Internet subscribers with GSM technology, by company, Jun 2015 – Jun 2016



CDMA internet subscriptions

Although the ratio of internet to mobile subscriptions among CDMA providers is low relative to GSM subscribers, it increased markedly in the second quarter of 2016 following another large increase in the first quarter. This was entirely as a result of the large fall in the number of CDMA mobile subscribers however. The number of internet subscriptions actually fell by 19.35% between March and June of 2016, from 124,910 to 100,743, but this fall was still less than the 61,19% fall recorded in CDMA mobile subscriptions over the same period. However, it means that GSM technology continues to entrench its position as the most popular technology type for internet subscriptions.

Internet subscriptions among Multilinks subscribers have dwindled to almost zero. According to the Nigerian Communications Commission data, there were only 4 internet subscriptions with Multilinks by the end of the second quarter of 2016, down from 142 in March 2016 and 126 in June 2015. These represent quarterly and year on year falls of 97.18% and 96.83%. This compares with 4,460 mobile subscriptions, which implies a ratio of 0.09%. In addition, Multilinks internet subscriptions account for an insignificant part of total CDMA internet subscriptions.

Given the decline of Multilinks internet subscribers, essentially all of the CDMA internet subscriptions are now with Visafone. Nevertheless, Visafone has also seen a decline in internet subscriptions. In June 2016, they had 100,739 internet subscribers, which compares with 124,768 in March 2016 and 115,481 in June 2015, quarterly and year on year falls of 19.26% and 12.77% respectively. Given the much larger falls in mobile subscriber numbers however, the ratio between mobile and internet subscribers for Visafone increased from 10.72% in March to 22.40% in June 2016, after spiking in April at 28.11%.

The total number of CDMA subscriptions declined by 14.57% overall over the first quarter, compared with a decline of 4.89% for GSM subscriptions, which means that the latter continues to entrench its position as the most popular form of internet subscriptions.

Porting Activities

Porting activities refer to the transferal of subscribers to different network carriers. Therefore, incoming porting activities refer to those subscribers that have joined a network, whilst outgoing porting activities refer to those whom have left. The second quarter of 2016 recorded a decrease in the amount of porting activity, both relative to the first quarter of 2016 and the second quarter of 2015.

Incoming

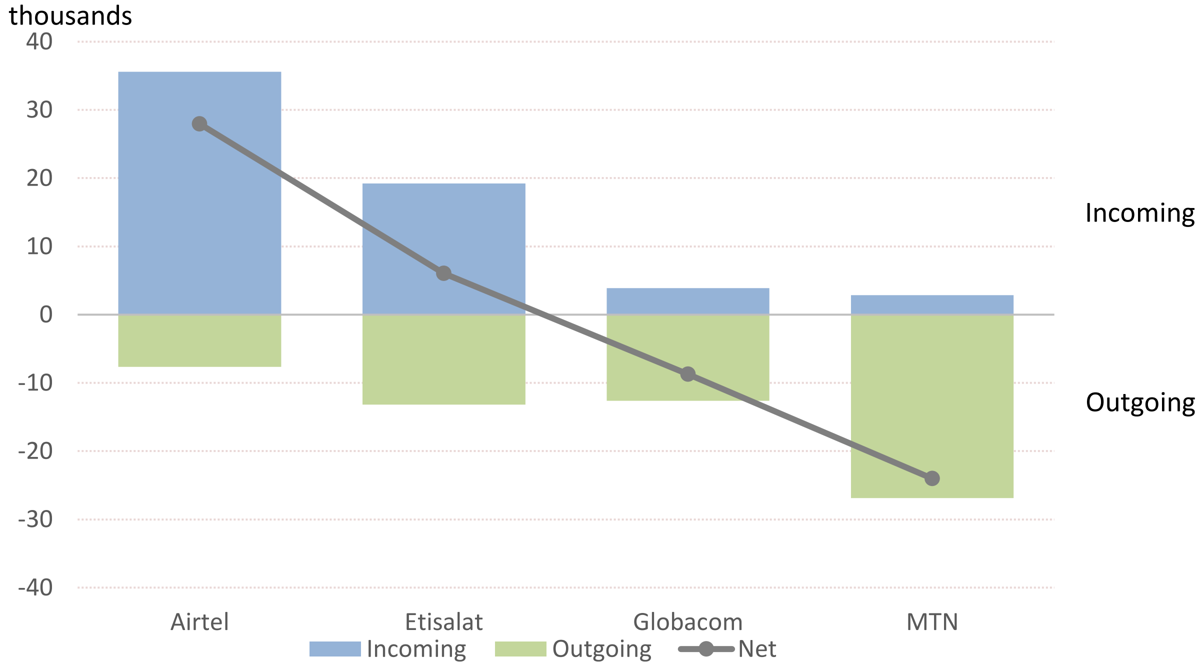
There was a total of 61,754 incoming porters in the second quarter of 2016 (across all three months). This compares with a total of 51,301 in the first quarter, and 54,714 in the second quarter of 2015, increases of 20.02% and 12.54% respectively. The quarter on quarter increase was primarily as a result of an increase of 43.15% in incoming porting activity recorded by Etisalat; although given that this provider had seen declines in the previous two quarters this was only equivalent to a year on year increase of 0.28%. Etisalat remained the provider to record the most incoming activity, and accounted for 57.83% of activity in the second quarter of 2016.

MTN also recorded a large increase in the number of porters, from 1,353 in the first quarter to 2,878, or more than double. Year on year the increase was 31.60%. Despite this, MTN recorded by far the smallest share of incoming activity, as in all previous quarters, and accounted for 4.67%. Globacom however, recorded a quarterly decrease of 33.96%, from 5,683 to 3,872 between the first and second quarter, and accounted for the second smallest amount of incoming activity at 6.29%. Nevertheless, the provider recorded a year on year increase of 6.61%. In contrast to the other providers, Airtel recorded essentially no change in incoming porting activity relative to the previous quarter, recording only a 0.03% increase. However year on year, Airtel recorded an increase of 43.57%, and the provider continued to account for the second largest amount of incoming porting activity of 31.21%.

This was partly as a result of the number of incoming porters to MTN more than doubling between the first and second quarters of 2016, rising from 1,353 to 2,878. However, MTN remains the provider to record the least porting activity, and still accounts for only 4.67% of all incoming porting activity.

After falling for the previous two quarters, the number of incoming porters to Etisalat increased by 43.15%. This was equivalent to an increase of 10,733 porters, slightly more than in the increase in the total number of incoming porters. This is explained by a 33.96% fall in incoming porting activity recorded by Globacom. By contrast to the large changes recorded by other providers, Airtel recorded just a 0.03% increase relative to the previous quarter.

Figure 9: Summary of Porting Activities, Q2 2016



Outgoing

There was a total of 60,356 outgoing porters in the second quarter of 2016, an increase of 13.94% relative to the 52,973 outgoing porters recorded in the previous quarter, and an increase of 10,58% relative to the 54,581 outgoing porters recorded a year previous. Airtel, Etisalat and Globacom each contributed to the increase, and recorded relatively large growth rates both year on year and quarter on quarter. MTN was the exception; this provider recorded decreases over both periods.

The largest increase in outgoing activity was recorded by Globacom, who recorded an increase of 76.37%, from 7,152 in the first quarter to 12,614 in the second quarter of 2016. Year on year the increase was lower at 47.00%, from 8,581 outgoing porters in the second quarter of 2015. Etisalat recorded the second largest increase, of 59.44% or from 4,800 to 7,653 between the first and second quarters, and by 28.88% from 5,938 in the second quarter of 2015. The number of outgoing porters recorded by Airtel was 13,192; which was 32.12% higher than the 9,985 recorded in the previous quarter and 26.06% higher than the 10,465 recorded in the second quarter of 2015.

By contrast, MTN recorded 26,897 outgoing porters in the second quarter of 2016, which represents a 13.34% decline relative to the 31,036 recorded in the previous quarter and a decline of 9.25% relative to the 29,637 outgoing porters recorded in the second quarter of 2015.

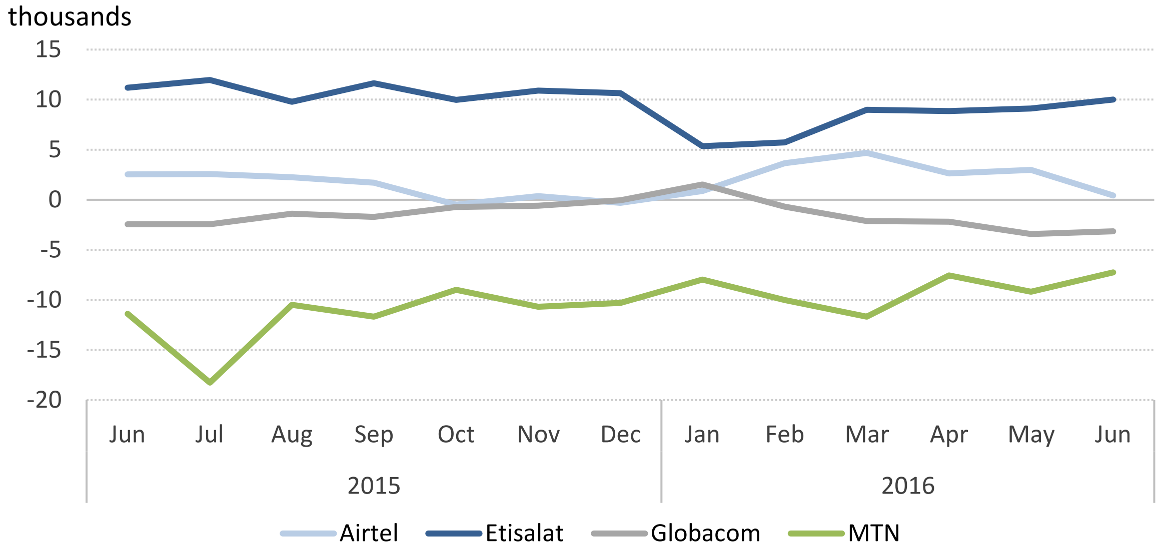
Despite the above changes in porting activity, the ranking of the four providers remained the same in terms of the share of outgoing porting activity. MTN accounted for the largest share, as in all previous quarters for which there is data. Airtel remained the provider to account for the second largest amount of outgoing porting activity, although at 21.86%, their share is only slightly higher than that of Globacom, who accounted for 20.90%. Etisalat remains the provider to account for the smallest amount of porting activity, and accounted for 12.68% in the quarter under review.

Net Porting Activities

In the first quarter of 2016 Etisalat remained the largest beneficiary of porting activities, and in net terms they recorded an increase from 20,076 to 27,956 between the first and second quarter of 2016. Despite recording a larger increase in outgoing activity than incoming in percentage terms, in absolute terms the latter was larger. Airtel also recorded a net gain, although at 6,023, this was slightly less than in the first quarter of 2016 in which the figure was 9,224.

By contrast both Globacom and MTN continued to record net losses from porting activity. Globacom recorded a net loss of 8,742, a substantial increase compared to the loss of 1,289 recorded in the previous quarter. MTN however saw a reduction in their net loss, from 29.683 in the first quarter of 2016 to 24,019 in the second quarter. Nevertheless, they remain to provider to lose the most from porting activity.

Figure 10: Net Porting Activities by provider, Jun 2015 – Jun 2016



Tariff Details

Across all providers, there are numerous options for tariff plans, each differing according to the overall cost and the services provided. This reflects the fact that there are many facets to the services telecommunications companies provide, such as SMS messaging, local and international call and data bundles. The variety of options may reflect the telecommunications companies attempting to attract customers with more tailored packages, catering to a wide range of different user needs.

Tariffs tend to differ according to whether they are on-peak or off-peak, whether the service is to someone on the same network (on-net) or a different one (off-net), and whether they are pre- or post-paid. However not all networks offer different prices according to these characteristics; for its pre-paid plans, Etisalat offers the same prices for on-net and off-net calls regardless of what bundle is purchased, and Airtel do not distinguish between on-peak of off-peak calls.

As a result of the different options available, whether or not prices are higher or lower than in 2014 largely depends on usage. For example, Airtel 2Good Classic (a particular package offered by Airtel) offers cheaper rates than Airtel Connect (an alternative package), but charges a daily fee of 5 naira. Therefore which is cheaper will depend on usage; the more the line is used, the more it would be worth paying the 5 naira daily fee.

Appendix - Tables

Table 1: Contribution to Basic Price GDP of Telecommunications Sector, %

	2014				2015				2016	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Constant prices	8.27	9.25	7.57	8.76	8.38	9.46	7.71	8.88	8.83	9.80
Current prices	7.95	10.53	7.41	7.57	8.55	10.96	7.58	7.72	8.70	9.43

Table 2: Annual Growth in Telecommunications Sector, %

	2014				2015				2016	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	
Constant prices	4.48	6.15	6.25	2.48	5.36	4.66	4.69	3.49	5.00	1.49
Current prices	9.53	8.68	15.67	15.81	12.14	9.42	8.43	9.24	7.63	-11.61

Table 3: Mobile Subscribers by Carrier

	2015							2016					
	Mar	Apr	May	Jun	Jul	Aug	Sep	Jan	Feb	Mar	Apr	May	Jun
GSM													
Airtel	29,564,766	30,075,643	30,569,278	31,134,625	31,273,483	31,936,152	32,268,301	33,155,339	33,595,561	33,866,798	32,445,285	31,838,965	31,978,848
Etisalat	22,852,232	23,029,329	23,307,025	23,492,214	23,180,651	22,783,861	22,161,290	22,035,107	21,840,452	21,877,542	22,121,842	22,325,033	22,469,896
Globacom	31,256,677	31,256,677	31,445,115	31,306,472	31,994,298	32,469,350	32,999,384	33,193,174	34,003,841	34,608,793	35,128,955	35,685,287	36,320,572
MTN	62,813,111	64,133,556	63,381,742	62,493,732	63,234,827	62,597,757	61,252,387	60,639,299	56,848,516	57,045,721	57,170,274	58,339,758	58,409,767
Total	146,486,786	148,495,205	148,703,160	148,427,043	149,683,259	149,787,120	148,681,362	149,022,919	146,288,370	147,398,854	146,866,356	148,189,043	149,179,083
CDMA													
Visafone	2,095,193	2,046,678	2,115,124	2,031,802	2,120,880	2,140,299	2,140,299	2,140,299	2,140,299	1,163,914	520,682	482,681	449,632
Multilinks	10,788	10,841	10,817	10,213	9,463	8,976	8,428	7,683	7,024	6,117	5,061	4,460	4,460
Total	2,105,981	2,057,519	2,125,941	2,042,015	2,130,343	2,149,275	2,148,727	2,147,982	2,147,323	1,170,031	525,743	487,141	454,092
Fixed Wireless													
Visafone	55,548	60,218	62,247	63,396	59,863	57,358	57,358	57,358	57,358	49,596	48,438	46,395	44,659
Multilinks	3,387	3,379	3,164	2,923	2,592	2,502	2,387	2,257	2,076	1,787	506	428	428
Total	58,935	63,597	65,411	66,319	62,455	59,860	59,745	59,615	59,434	51,383	48,944	46,823	45,087
Fixed Wired													
MTN Fixed	9,687	9,693	9,719	9,731	9,732	9,746	9,753	9,759	7,470	7,491	9,289	7,115	7,512
Glo Fixed	11,834	11,834	11,646	11,658	11,657	11,701	11,710	11,505	11,786	11,750	11,761	11,780	11,791
ipNX	2,839	2,680	2,466	2,879	2,717	2,451	2,823	2,816	2,785	2,764	2,765	2,754	2,597
21stCentury	99,348	100,477	100,281	100,986	102,959	103,019	103,124	103,173	103,191	103,191	103,452	103,502	103,552
Total	123,708	124,684	124,112	125,254	127,065	126,917	127,410	127,253	125,232	125,196	127,267	125,151	125,452

Table 4: Internet Subscriptions by Carrier

	2015							*2016*					
	Jun	*Jul*	*Aug*	*Sep*	*Oct*	*Nov*	*Dec*	*Jan*	*Feb*	*Mar*	*Apr*	*May*	*Jun*
GSM													
Airtel	17,605,852	17,495,014	17,730,955	17,800,917	16,837,282	16,835,952	16,855,609	17,079,646	17,155,181	15,305,916	17,280,089	17,325,423	17,605,852
Etisalat	15,393,860	15,541,009	15,598,070	15,407,008	15,161,307	15,189,788	15,283,903	15,231,652	15,242,856	17,194,118	15,508,024	15,253,513	15,393,860
Globacom	19,330,549	20,765,379	21,896,229	23,285,454	24,952,559	25,082,066	25,436,244	25,684,837	26,530,420	26,306,267	26,355,391	26,628,065	19,330,549
MTN	41,101,886	41,411,846	41,835,294	41,025,019	40,872,869	39,924,737	38,218,859	35,604,370	33,356,595	32,386,071	33,108,786	32,974,177	41,101,886
Total	93,403,147	95,213,248	97,060,548	97,518,398	97,824,017	97,032,543	95,794,615	93,600,505	92,285,052	91,192,372	92,252,290	92,181,178	93,403,147
CDMA													
Multilinks	167	203	260	286	289	259	224	172	142	40	4	4	167
Visafone	148,461	151,923	151,530	149,781	145,953	149,953	149,953	149,953	124,768	146,348	111,042	100,739	148,461
Total	115,648	148,664	152,183	151,816	150,070	146,212	149,471	146,177	124,910	146,388	111,046	100,743	115,648

Table 5: Porting Activities by Carrier

	2015							*2016*					
	Jun	*Jul*	*Aug*	*Sep*	*Oct*	*Nov*	*Dec*	*Jan*	*Feb*	*Mar*	*Apr*	*May*	*Jun*
Incoming													
Airtel	6,290	6,613	5,596	5,347	3,074	3,445	2,885	5,280	5,752	8,177	6,859	6,829	5,527
Etisalat	13,382	14,125	11,875	12,898	11,211	12,346	12,384	6,329	7,411	11,136	11,466	11,765	12,378
Globacom	850	850	1,413	1505	979	1,735	2,037	2589	1,828	1,446	1,468	846	1,558
MTN	536	951	737	599	1068	735	436	450	542	361	547	990	1341
Total	21,060	22,539	19,621	20,349	16,332	18,261	17,742	14,648	15,533	21,120	20,340	20,430	20,804
Outgoing													
Airtel	3,768	4,047	3,362	3,635	3,562	3,086	3,188	4,396	2,095	3,494	4,235	3,846	5,111
Etisalat	2,177	2,161	2,077	1,264	1,241	1,431	1,739	976	1,671	2,153	2622	2,662	2,369
Globacom	3,290	3,290	2,795	3,212	1,703	2,327	2,092	1,065	2,517	3,570	3,644	4,269	4,701
MTN	11,918	19,214	11,218	12,259	10,073	11,414	10,739	8,430	10,562	12,044	8,115	10,189	8,593
Total	21,153	28,712	19,452	20,370	16,579	18,258	17,758	14,867	16,845	21,261	18,616	20,966	20,774