



NATIONAL BUREAU OF STATISTICS

## 3RD 2016 QUARTER EXTERNAL TRADE NEWS: TRADE INTENSITY INDEX/ RE-EXPORTS ANALYSIS



NATIONAL BUREAU OF STATISTICS  
DECEMBER 2016

## Methodology and Definitions

### Objective

The National Bureau of Statistics publishes quarterly trade statistics report. This report complements the quarterly trade reports of NBS by providing a clearer analysis of sectoral classification of imports and exports at a more aggregated level, without crude oil and oil products which tend to distort and disguise other trade patterns due to their size. Wood fuels here for example have been separated from Mineral fuel which is classed in the same category with crude oil and other oil products. This report further enhances the regular trade report by deepening trade analysis by introducing the concept of re-exports and trade intensity

### Data Sources:

The Nigerian Customs through the Nigeria Integrated Customs Information System, Cobalt International Plc. (on export commodities), Nigerian National Petroleum Corporation and various oil companies in the upstream and downstream sectors of the oil industry, Nigerian Ports, Petroleum Products Price Regulatory Agency and Central Bank of Nigeria and international trade center.

### Validation & Quality Assurance:

After collecting data from the above sources, it is verified for outliers, Data validation is undertaken through a sample of the various Nigerian Customs outposts in Nigeria. Equally, regular visits are paid to the various outposts of Cobalt International for export validation using the extensive NBs field network. Weight harmonization is carried out through the various entry posts of imports and exports in Nigeria.

### Processing/Analysis:

Data processing is done using the Global Eurotrace software and the processed data is banked in the trade database. We also categorize the data based on the Standard International Trade Classification (SITC) and per sectors and the current need of data users.

### Definitions:

- **Domestic exports** - These are goods grown, extracted or manufactured in Nigeria and are sold in another country
- **Re-export** – These are goods of foreign origin which entered Nigeria to be consumed but are subsequently sold to another country without any substantial transformation. In other words, they are exported in the same condition as imported.
- **Raw material goods** – These refers to products of Agriculture, forestry, fishing and any other mineral that are in its natural form or which has undergone the minimal transformation required to prepare it for international marketing.
- **Agricultural goods** - These are goods that come from the planting of crops and/or rearing of animals.

- **Solid minerals** – These are elements found in the earth. These are naturally organic substances that are solid like precious stones, kaolin etc.
- **Energy goods** - These only refers to fuel woods in logs, for example hard wood, charcoal, coniferous wood in chips or particles etc.
- **Manufactured goods** -Theses are tangible goods created from the conversion of raw materials into consumable or useful products.
- **Other Petroleum products** - these consists of mineral fuels like Natural gas, oil, Bituminous coal etc.
- **Crude oil**- These are naturally occurring, unrefined petroleum products composed of hydrocarbon deposits and other organic materials.
- **Trade Intensity Index** - The trade intensity index is used to determine whether the value of trade between two countries is greater or smaller than would be expected based on their importance in world trade. It is defined as the share of one country's exports going to a partner divided by the share of world exports going to the partner.

## Highlights of the 3<sup>rd</sup> Quarter External Trade

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### Imports

- Imported agricultural products rose by 33% in Q3 above Q2
- Raw materials imports grew in value by 60% above the level in Q2
- Imported solid minerals grew 68.5% above the level in Q2
- Other oil products grew by 43.3% above the level in Q2

### Exports

- The value of exported agricultural products rose by 5.30% above the level in Q2
- The value of exported Raw Materials was 32.05% higher than in Q2
- Solid minerals exports grew 220.96% more in value than in Q2
- The value of Manufactured products exports was 21.86% more in Q2 than in Q2
- Crude Oil exports rose 30.86% in Q3, while Other oil products was 20.09% more than Q2

**Major Export trading partners** were - India, USA, Spain, France and Netherlands

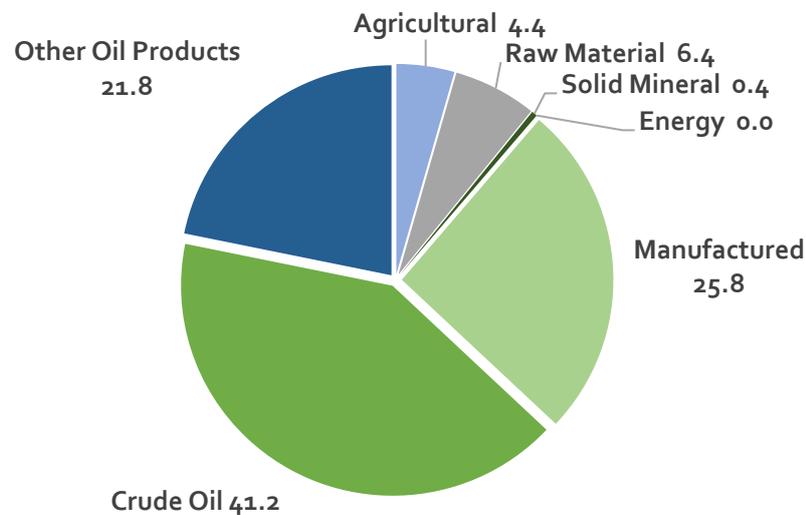
**Major Import trading partners** - China, Belgium, Netherlands, USA, India and France

**Major Traded Agric Products** - frozen shrimps and Prawn, Sesame seeds, Cashew nuts, Flour and meals of Soya bean and Ginger.

### 1. Nigeria's External Trade in Q3 2016

The total value of Nigeria's external trade in the third quarter of 2016 was N 4,721.9 billion. This figure consisted of exports worth N2,309 billion and imports worth N2,413 billion, indicating a slight negative trade balance of N104 billion. As in previous quarters, the sector which contributed the most to total trade was Crude Oil, which was all for exports. In total this sector accounted for N1,944 billion, or 41.2% of the total trade in the third quarter of 2016. The Manufacturing Sector had the second largest share of total trade, accounting for N1,218.3 billion or 25.8% of the total, but in contrast to Crude Oil, was dominated by imports. Other Oil products was also a prominent sector, and accounted for N1,029.4 billion, or 21.8% of the total. The remaining sectors were a relatively small proportion of total trade. Raw Materials accounted for 6.37% of the total, Agriculture accounted for 4.43%, Solid minerals accounted for 0.43%, and trade in Energy goods was negligible at No.1 billion.

Figure 1: Sectoral Breakdown of Total Trade, 2016 Q3 (%)



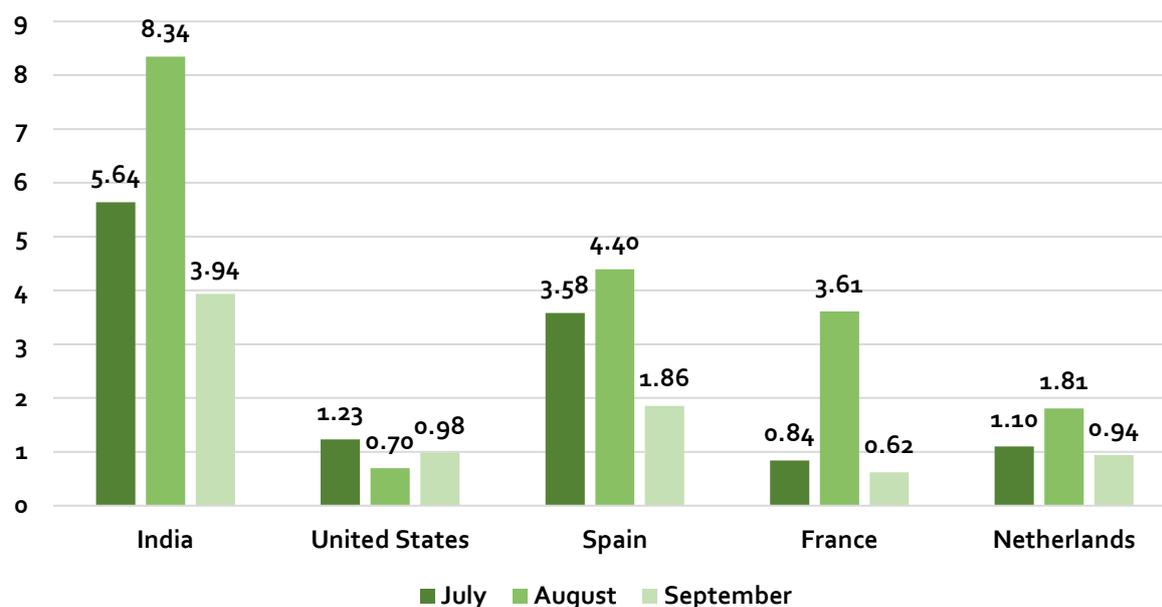
## 2. Export Intensity Index with Major Trading Partners

The export intensity index compares the share of exports to each country in Nigeria's total exports, with the share of world exports going to that country, and therefore gives a measure of the importance of that country to Nigeria as an export destination. A higher number denotes a stronger relationship, and an index of one indicates that exports to that country are what would be expected given global trade patterns.

In quarter three, Nigeria had a particularly strong export relationship with India, with export intensities of 5.6, 8.3 and 3.9 July, August and September respectively. Spain was also a key export market with intensities of 3.6, 4.4 and 1.9 during the same months. Despite more exports going to the US than Spain, this was due to the importance of the US as a global market, and the country nevertheless had lower intensities, of 1.2, 0.7 and 0.9 (Table 3).

France and the Netherlands were the other two largest export destinations, and recorded intensities of 0.8, 3.6 and 0.6 for France, and 1.1, 1.8 and 0.9 for the Netherlands.

Figure 2: Nigeria's Export Intensity with Four Major Trading Partners during Q3 2016

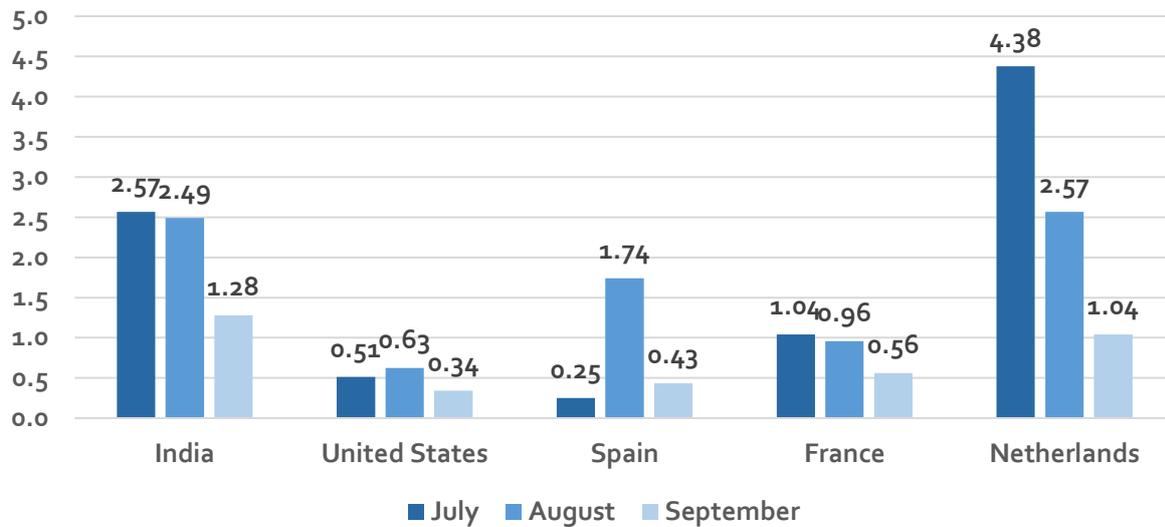


### 3. Import Intensity Index with Major Trading Partners

This index mirrors the export intensity index, and measures the importance of Nigeria as an export destination for other countries. Nigeria's major trading partners in terms of import were China, Belgium, Netherlands, United States and India. During the quarter, the import intensity of Nigeria with China was 1.09, for July 1.08 for August and 0.65 for September. These figures are around one, and therefore indicate that China's exports to Nigeria reflect the global share of imports accounted for by Nigeria. By contrast, Belgium – the next leading consumer of Nigeria's products – showed high import intensities with Nigeria, of 4.35, 3.54 and 2.19 for the months July to September, denoting a stronger relationship. (Table3).

The Country's import intensities were also high with India (2.57, 2.49 and 1.28) and the Netherlands (4.38, 2.57 and 1.04) during the same months. However, the import intensity of Nigeria with United States and Spain were lower, with indices less than one other than for Spain in August. This is possibly a result of the mix of products imported from these countries, which may have been affected more by the CBN import regulations.

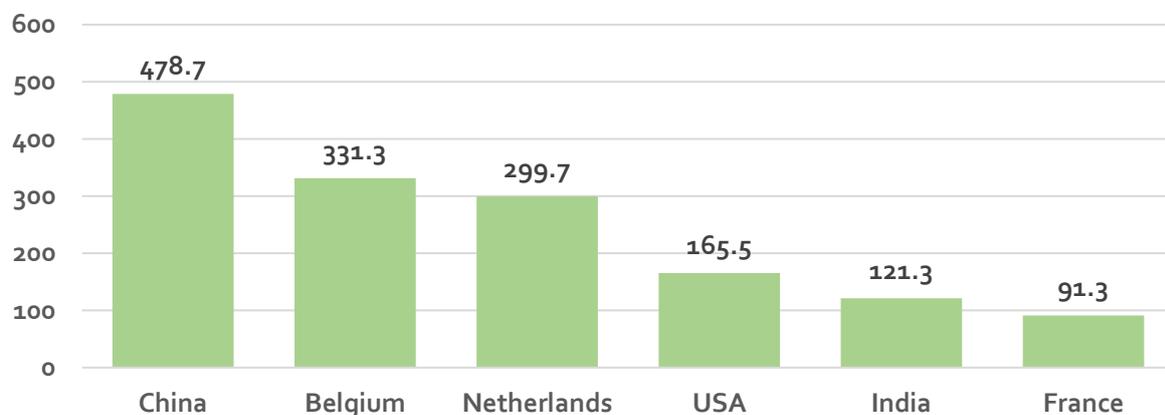
Figure 3: Nigeria's Export Intensity with Four Major Trading Partners during Q3 2016



#### 4. Major Import Partners

As in previous quarters, the country that Nigeria imported the most goods from in the third quarter of 2016 was China. In total, China accounted for N478.7 billion, or 19.8% of total imports. Nevertheless, this is a lower share of total imports than the country accounted for in the previous quarter. Belgium and the Netherlands were the next most important import partners, and accounted for N331.1 billion (13.7%) and N299.7 billion (12.4%) respectively. They were followed by USA, India and France, which recorded N165.5 billion (6.86%), N121.3 billion (5.03%) and N91.3 (3.78%) respectively.

Figure 4: Value of imports from top Import Partners, Q3 2016 (N billion)



## 5. Agricultural Product Exports

The individual product to contribute the most to Agricultural exports in the third quarter was Frozen Shrimps and Prawns, for which the value of exports was N6.0 billion, or 37.2% of Agricultural exports. This value also makes the product the 8<sup>th</sup> largest export product in the third quarter of 2016. The second agricultural product export was in the third quarter was Sesame seeds (whether broken), which accounted for N4.82 billion, followed by Cashew Nuts in shell (N2.15 billion). The fig.5 below shows the top five agricultural products export.

Figure 5: Main Agricultural Exports in Q3 2016 (N Billion)

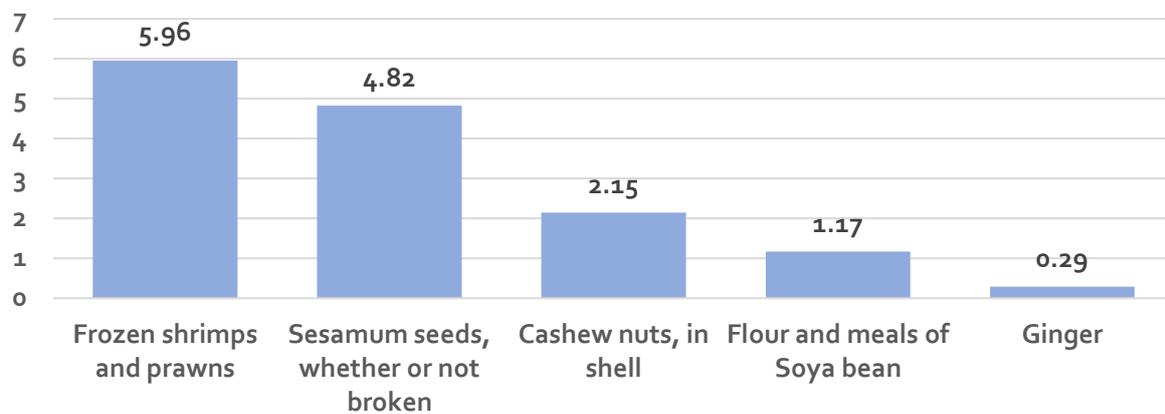


Table 1: SUMMARY OF NIGERIA's Merchandise Trade Value (Billion)

SUMMARY OF NIGERIA's Merchandise Trade Value (Billion)					
		IMPORTS	EXPORTS	Domestic-EXPORT	RE-EXPORTS
<b>2013</b>	Jan-Dec	7,015.81	14,245.27	14,241.72	3.55
<b>2014</b>	Jan-Dec	7,374.37	16,304.04	16,195.43	108.61
<b>2015</b>	Jan-Dec	6,697.97	9,593.04	9,586.98	6.06
<b>2016</b>	YTD	6,356.69	5,532.87	5,328.68	
<b>2013</b>	Q4	1,686.06	3,476.84	3,473.29	3.55
	Q3	2,084.77	3,573.39	3,573.39	-

	Q2	1,598.24	3,742.91	3,742.91	-
	Q1	1,646.74	3,452.13	3,452.13	-
<b>2014</b>	Q4	2,031.03	2,954.56	2,954.22	0.34
	Q3	1,820.66	4,697.84	4,697.20	0.65
	Q2	1,977.24	4,682.16	4,676.92	5.23
	Q1	1,545.44	3,969.48	3,867.09	102.39
<b>2015</b>	Q4	1,576.39	1,940.98	1,940.94	0.04
	Q3	1,688.23	2,333.21	2,333.02	0.19
	Q2	1,705.68	2,653.79	2,652.23	1.57
	Q1	1,727.68	2,665.06	2,660.79	4.26
<b>2016</b>	Q3	2,413.00	2,308.86	2,308.86	
	Q2	2,272.31	1,788.07	1,872.72	-
	Q1	1,671.38	1,435.95	1,147.11	-
<b>2013</b>	Jan	598.72	1,357.78	1,357.78	-
	Feb	608.15	967.47	967.47	-
	Mar	439.88	1,126.88	1,126.88	-
	Apr	544.17	1,321.53	1,321.53	-
	May	516.28	1,476.88	1,476.88	-
	Jun	537.78	944.49	944.49	-
	Jul	882.78	1,129.65	1,129.65	-
	Aug	668.28	1,287.60	1,287.60	-
	Sep	533.71	1,156.14	1,156.14	-
	Oct	537.07	1,085.43	1,085.43	-
	Nov	580.35	1,204.08	1,200.53	3.55
	Dec	568.64	1,187.33	1,187.33	-
<b>2014</b>	Jan	533.37	1,422.42	1,325.20	97.22
	Feb	487.55	1,263.07	1,262.55	0.52
	Mar	524.52	1,283.99	1,279.34	4.65
	Apr	730.74	1,512.89	1,512.89	-
	May	678.09	1,589.36	1,588.73	0.63

	Jun	568.41	1,579.91	1,575.30	4.60
	Jul	673.99	1,290.32	1,290.32	-
	Aug	566.88	2,290.97	2,290.97	-
	Sep	579.79	1,116.56	1,115.92	0.65
	Oct	753.95	1,031.55	1,031.21	0.34
	Nov	602.96	950.87	950.87	-
	Dec	674.12	972.14	972.14	-
<b>2015</b>	Jan	537.19	694.01	691.51	2.51
	Feb	552.39	1,164.16	1,163.79	0.37
	Mar	638.10	806.89	805.49	1.39
	Apr	562.78	840.74	840.73	0.01
	May	536.57	820.19	818.80	1.39
	Jun	606.33	992.87	992.70	0.17
	Jul	624.89	880.52	880.52	-
	Aug	580.05	772.22	772.22	-
	Sep	483.29	680.48	680.29	0.19
	Oct	548.11	714.59	714.59	-
	Nov	520.89	654.05	654.02	0.03
	Dec	507.39	572.33	572.33	-
<b>2016</b>	Jan	623.04	469.88	495.43	-
	Feb	517.79	428.26	422.75	-
	Mar	530.55	537.81	228.93	-
	Apr	751.61	560.11	558.55	-
	May	695.14	590.77	586.70	-
	Jun	825.56	637.20	727.48	-
	Jul	747.18	702.72	702.72	
	Aug	890.82	858.37	858.37	
	Sep	775.00	747.76	747.76	
		Q1 and Q2 revised			

Summary of Trade by sectors (Million) – Export of Goods

		EXPORTS	Agricultural	Raw Material	Solid Mineral	Energy	Manufactured	Crude oil	Other Oil products	% share of Agric	% share of Raw Material	% share of Manufactured Goods
	YTD	5,532,874	44,068	22,299	7,006	634	115,654	4,557,674	785,539	0.80	0.40	2.09
2016	Q1	1,435,945	12,802	8,927	1,195	350	45,108	1,128,124	239,439	0.89	0.62	3.14
	Q2	1,788,072	15,229	5,763	1,381	216	31,798	1,485,563	248,122	0.85	0.32	1.78
	Q3	2,308,857	16,036	7,610	4,431	68	38,748	1,943,987	297,978	0.69	0.33	1.68
2016	Jan	469,880	4,152	2,755	295	120	16,909	354,610	91,040	0.88	0.59	3.60
	Feb	428,256	4,401	2,969	561	118	14,247	338,763	67,198	1.03	0.69	3.33
	Mar	537,810	4,250	3,203	339	112	13,952	434,751	81,202	0.79	0.60	2.59
	Apr	560,106	5,239	2,637	479	134	9,837	464,988	76,793	0.94	0.47	1.76
	May	590,765	4,655	1,617	427	65	9,483	494,716	79,802	0.79	0.27	1.61
	Jun	637,200	5,336	1,509	475	16	12,479	525,859	91,527	0.84	0.24	1.96
	Jul	702,723	5,772	2,161	299	21	11,262	579,968	103,241	0.82	0.31	1.60
	Aug	858,375	6,295	3,986	2,068	30	15,167	730,646	100,183	0.73	0.46	1.77
	Sep	747,760	3,969	1,463	2,064	17	12,320	633,374	94,554	0.53	0.20	1.65

Table 2: Summary of Trade by sectors (Million) – Export of Goods

Table 3: Summary of Trade by sectors (Million) – Import of Goods

Summary of Trade by sectors (Million) – Import of Goods											
		IMPORTS	Agricultural	Raw Material	Solid Mineral	Energy	Manufactured	Other Oil products	% Share Agric	% share Raw Material	% share Manufactured Goods
	YTD	6,356,694	445,531	655,782	35,706	7.83	3,539,327	1,680,341	7.01	10.32	55.68
2016	Q1	1,671,381	108,422	179,316	10,581	1.55	934,649	438,411	6.49	10.73	55.92
	Q2	2,272,310	144,148	183,163	9,356	0.25	1,425,117	510,526	6.34	8.06	62.72
	Q3	2,413,002	192,961	293,302	15,768	6.03	1,179,561	731,404	8.00	12.16	48.88
2016	Jan	623,042	39,506	73,948	3,974	0.19	335,239	170,376	6.34	11.87	53.81
	Feb	517,791	34,312	48,931	3,369	1.37	305,757	125,421	6.63	9.45	59.05
	Mar	530,549	34,603	56,438	3,239	0.00	293,654	142,615	6.52	10.64	55.35
	Apr	751,611	40,817	59,887	3,387	0.00	469,471	178,049	5.43	7.97	62.46
	May	695,140	41,987	51,660	3,026	0.25	446,262	152,204	6.04	7.43	64.20
	Jun	825,559	61,345	71,616	2,943	0.00	509,384	180,272	7.43	8.67	61.70
	Jul	747,183	56,405	86,646	4,130	0.15	338,816	261,186	7.55	11.60	45.35
	Aug	890,820	68,807	115,499	6,646	0.31	437,363	262,505	7.72	12.97	49.10
	Sep	774,998	67,749	91,157	4,991	5.58	403,382	207,713	8.74	11.76	52.05
Q1 and Q2 revised											

Table 4: Export/Import by Sector (Million)

Export/Import by Sector (Million)					
Export					
SECTORS	DESCRIPTION	JULY	AUGUST	SEPTEMBER	Q3
o1	Agricultural goods	5,771.95	6,294.76	3,969.13	16,035.84
o2	Raw material goods	2,161.13	3,986.01	1,462.74	7,609.88
o3	Solid mineral goods	298.76	2,068.49	2,063.64	4,430.89
o4	Energy goods	21.05	29.71	17.25	68.02
o5	Manufactured goods	11,261.62	15,166.56	12,319.76	38,747.94
o6	Crude oil	579,967.60	730,645.89	633,373.51	1,943,987.00
o7	Other oil products	103,240.57	100,183.29	94,553.79	297,977.64
	Total	702,722.68	858,374.70	747,759.82	2,308,857.21
Import					
SECTORS	DESCRIPTION	JULY	AUGUST	SEPTEMBER	Q3
o1	Agricultural goods	56,405.12	68,807.00	67,749.08	192,961.20
o2	Raw material goods	86,646.43	115,498.77	91,156.82	293,302.02
o3	Solid mineral goods	4,130.07	6,646.39	4,991.23	15,767.68
o4	Energy goods	0.15	0.31	5.58	6.03
o5	Manufactured goods	338,815.94	437,362.91	403,381.99	1,179,560.84
o6	Crude oil				
o7	Other Oil products	261,185.67	262,504.78	207,713.46	731,403.91
	Total	747,183.37	890,820.15	774,998.16	2,413,001.68
Total Trade					
SECTOR	DESCRIPTION	JULY	AUGUST	SEPTEMBER	Q3
o1	Agricultural goods	62,177.07	75,101.76	71,718.21	208,997.04
o2	Raw material goods	88,807.56	119,484.78	92,619.56	300,911.89
o3	Solid mineral goods	4,428.83	8,714.87	7,054.87	20,198.57
o4	Energy goods	21.20	30.02	22.82	74.05
o5	Manufactured goods	350,077.56	452,529.47	415,701.75	1,218,308.78
o6	Crude oil	579,967.60	730,645.89	633,373.51	1,943,987.00
o7	Other Oil products	364,426.24	362,688.06	302,267.25	1,029,381.55
	TOTAL	1,449,906.05	1,749,194.85	1,522,757.98	4,721,858.89

Table 5: Nigeria Export/Import Intensity with Major Trading Partners

Nigeria Export/Import Intensity with Major Trading Partners							
EXPORT INTENSITY INDEX							
	INDIA	UNITED STATES	SPAIN	FRANCE	NETHERLANDS	CHINA	BELGIUM
<b>JULY</b>	5.64	1.23	3.58	0.84	1.10	0.04	0.03
<b>AUGUST</b>	8.34	0.70	4.40	3.61	1.81	0.05	0.04
<b>SEPTEMBER</b>	3.94	0.98	1.86	0.62	0.94	0.03	0.01
IMPORT INTENSITY INDEX							
	INDIA	UNITED STATES	SPAIN	FRANCE	NETHERLANDS	CHINA	BELGIUM
<b>JULY</b>	2.57	0.51	0.25	1.04	4.38	1.09	4.35
<b>AUGUST</b>	2.49	0.63	1.74	0.96	2.57	1.08	5.54
<b>SEPTEMBER</b>	1.28	0.34	0.43	0.56	1.04	0.65	2.19

Table 6: Percentage Share of Nigeria's Export/Import with Five Major Trading Partners.

Percentage Share of Nigeria's Export/Import with Five Major Trading Partners.										
Months	INDIA		UNITED STATES		SPAIN		FRANCE		NETHERLANDS	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
<b>JULY</b>	15.34	5.08	13.23	5.48	8.05	0.56	3.54	3.87	4.10	18.18
<b>AUGUST</b>	21.97	4.94	7.72	7.13	8.87	3.13	13.82	3.10	6.67	10.80
<b>SEPTEMBER</b>	18.76	5.08	19.91	7.87	7.04	1.75	5.10	4.48	6.21	8.72

Table 7: Percentage share of Nigeria's external with Five major trading Partners

Percentage share of Nigeria's external with Five major trading Partners				
	Export		QUARTER 3 (N'million)	% share to total QUARTER 3
	INDIA		436.63	18.91
	UNITED STATES		308.12	13.35
	SPAIN		185.36	8.03
	FRANCE		181.59	7.86
	NETHERLANDS		132.54	5.74

	Import	QUARTER 3 (N'million)	% share to QUARTER 3
	INDIA	121.29	5.03
	UNITED STATES	165.48	6.86
	SPAIN	45.56	1.89
	FRANCE	91.29	3.78
	NETHERLANDS	299.66	12.42

Table 8: Major Traded Agriculture Products (Exports) – 2016 Q3

Major Traded Agriculture Products (Exports) – 2016 Q3		
Code	HS10	Value(N)
0306130000	Frozen shrimps and prawns	5,958,136,134.48
1207400000	Sesame seeds	4,824,531,092.68
0801310000	Cashew nuts, in shell	2,145,191,365.41
1208100000	Flour and meals of Soya bean	1,172,491,220.35
0910100000	Ginger	290,933,812.34
0801320000	Cashew nuts, shelled	256,422,890.95
0402990000	Other milk and cream powder	240,614,463.91
0402910000	NUNU FILLED EVAPORATED MILK 160GX24 + TRAY	238,556,255.92
1301200000	Gum Arabic	167,953,090.46
0603900000	Other cut flowers & flower buds of kind suitable ornamental purposes fresh, dried, dyed	160,834,528.41
0713900000	Other lentils and broad beans, dried, shelled, whether skinned or split	118,882,745.05
0402212900	Other milk and cream in packs < 25kg not cont. added sugar/other sweetening matter	118,701,508.35
1201000000	Soya beans, whether broken.	79,522,369.97
1207990000	SHEA CAKE	70,395,535.36

Table 9: Sectoral Exports to Economic Regions of the World (N'billion)

Sectoral Exports to Economic Regions of the World (N'billion)					
SECTORS	REGION	July	August	September	QUARTER 3
<b>AGRICULTURAL GOODS</b>	Total	5.77	6.29	3.97	16.04
	AFRICA	0.35	0.94	0.29	1.58
	AMERICA	0.18	0.52	0.28	0.98
	ASIA	2.65	2.66	1.31	6.62
	EUROPE	2.60	2.18	2.09	6.87
	OCEANIA	0.00	0.00	0.00	0.00
<b>RAW MATERIAL GOODS</b>	Total	2.16	3.99	1.46	7.61
	AFRICA	0.49	1.55	0.78	2.82
	AMERICA	0.01	1.44	0.01	1.46
	ASIA	0.60	0.36	0.56	1.52
	EUROPE	1.05	0.64	0.11	1.81
	OCEANIA	0.00	0.00	0.00	0.00
<b>SOLID MINERAL GOODS</b>	Total	0.30	2.07	2.06	4.43
	AFRICA	0.12	1.60	1.89	3.61
	AMERICA	0.00	0.00	0.00	0.00
	ASIA	0.17	0.45	0.17	0.80
	EUROPE	0.00	0.01	0.00	0.02
	OCEANIA	0.00	0.00	0.00	0.00
<b>ENERGY GOODS</b>	Total	0.02	0.03	0.02	0.07
	AFRICA	0.00	0.00	0.00	0.00
	AMERICA	0.00	0.00	0.00	0.00
	ASIA	0.01	0.02	0.01	0.04
	EUROPE	0.01	0.01	0.01	0.02
	OCEANIA	0.00	0.00	0.00	0.00
<b>MANUFACTURED GOODS</b>	Total	11.26	15.17	12.32	38.75
	AFRICA	5.13	7.35	6.41	18.89
	AMERICA	0.19	0.84	0.65	1.69
	ASIA	3.39	3.04	2.25	8.67
	EUROPE	2.54	3.94	3.01	9.49

	OCEANIA	0.00	0.00	0.00	0.00
<b>CRUDE OIL</b>	Total	579.97	730.65	633.37	1,943.99
	AFRICA	120.19	127.57	81.49	329.25
	AMERICA	192.16	90.54	162.69	445.39
	ASIA	138.14	204.86	175.60	518.61
	EUROPE	129.48	307.67	213.59	650.74
	OCEANIA	0.00	0.00	0.00	0.00
<b>OTHER OIL PRODUCTS</b>	Total	103.24	100.18	94.55	297.98
	AFRICA	2.59	9.74	2.68	15.01
	AMERICA	20.47	15.52	9.22	45.21
	ASIA	35.35	49.52	51.64	136.51
	EUROPE	44.55	24.07	30.17	98.80
	OCEANIA	0.27	1.33	0.84	2.44