

1.0 INTRODUCTION

Nigeria, having acceded to the 1992 International Sugar Agreement (ISA), automatically became a full-fledged member of the International Sugar Organization (ISO) in 1999. One of the cardinal responsibilities of member nations is to provide credible data on sugar and sugar related matters to the organization on an annual basis. The National Sugar Development Council (NSDC) being the focal agency on sugar in Nigeria therefore, continued with its annual exercise on information and data gathering through survey by administration of structured questionnaires on industrial groups using sugar. This is to ensure that Nigeria as a member country remains up-to-date in the provision of sugar related data to ISO as envisaged by the International Sugar Agreement (ISA), Article 32 (2) of 1992.

The Council also tracks both domestic and international market prices in order to ascertain their trends and understand the underlying dynamics of sugar price variations. The domestic market price survey was carried out in major markets in three (3) main cities across the country namely: Abuja, Kano and Lagos.

2.0 SURVEY OBJECTIVES

The main objectives of the survey are as follows:

1. To generate reliable statistical data on both sugar prices and consumption by different categories of industries. The data collected include but are not limited to the following:
 - Details of sugar consumption by major industrial users in major sectors – Pharmaceuticals, Food and Beverages, Bakery and Confectioneries, Soft Drinks and Dairy among others;
 - Details of quantity of sugar consumed by industries in the different Zones and States across the country;

- Average prices at which Nigerian industries buy sugar within the period covered by the survey;
- Average international prices for both raw and refined sugar;
- Average domestic prices of white refined sugar (wholesale and retail);
- Sources of sugar used whether local or imported as well as major suppliers of sugar in Nigeria;
- Use of sugar by-products or other sweeteners by industries in Nigeria and
- Quantity of ethanol used or otherwise by industries in the different zones and states across the country.

2. To enable Council meet up with the annual responsibility and obligation of providing credible information on the Nigerian sugar industries as requested by local and international agencies such as International Sugar Organization (ISO), USAID, F. O. Licht, Federal, States and Local Government Agencies, Private Individuals etc.

3. To provide adequate information for effective management decision making in the process of policy formulation that will guide government intervention in the sugar sub-sector of the Nigerian economy.

3.0 SURVEY METHODOLOGY

3.1 Coverage/Scope

The industrial sugar consumption survey covered only thirty four (34) States of the Federation including the Federal Capital Territory (FCT), Abuja. Two States namely: Yobe and Borno were not covered due to persistent insurgency in these States. The market price survey covered major markets in Lagos, Abuja and Kano only.

3.2 Sample Design

In order to cover major urban cities in the States captured by the survey including the FCT where most of the industrial activities are concentrated, the country was divided into two major zones namely:

- Southern zone; and
- Northern zone.

Due to high concentration of industries in Lagos, the State was further divided into four major areas for an effective coverage. The remaining (15) Southern States were grouped into four sub-zones with each covered by a Planning Officer of the Council. Similarly, Northern zone was sub-divided into four parts based on the numbers of major urban cities as well as number of industries to be covered in the States. This was to enhance effective coverage and supervision of the field enumerators.

3.3 Survey Instrument

Principally, the survey instrument adopted in this survey was a well structured questionnaire designed to capture all the essential data to be collected for analysis. Planning Officers of the Council served as field enumerators that covered various companies, which make use of sugar as raw materials in their production processes in major urban cities, to administer and retrieve the questionnaires.

3.4 Data Collection

In the survey questionnaires, respondents (companies) were to indicate the sector they operate, the nature of business and type of products they produce, the source of sugar they use for their operation, whether directly imported or locally sourced, etc. Respondents were also required to indicate whether there was any specific period within the year that their industries needed higher quantities of sugar more than

others, and whether they make use of glucose or other alternative sweeteners as raw materials in their production processes. In order to meet up with the data requirement of several Local and International Organizations the following sectors were covered;

- Bakery and Confectionery;
- Food and Beverages;
- Soft Drinks;
- Pharmaceuticals and
- Dairy amongst others.

Given the fact that not all the companies using sugar could be listed and covered and in order to take care of possible under-declaration of sugar utilized by the companies covered, a 10 per cent margin of error was adopted. Subsequently, the data obtained were processed and analyzed while relevant tables and charts were generated to facilitate proper understanding and dissemination of the information to potential users.

3.5 Sugar Price Survey

Domestic sugar prices were tracked on a weekly basis at three (3) major local markets in Lagos, Kano and Abuja where wholesalers and retailers in each market were randomly picked as respondents. For the international prices of sugar (raw and refined), the Council has a number of sources at which it tracks prices. These sources include the Public Ledger, ISA Daily Price and Monthly Market Reports and Statistical Bulletin from the International Sugar Organization as well as Ministry of Agriculture, Livestock and Food Supply. The data collected from these sources were collated, analyzed and presented in the following tables and charts.

4.0 DATA PRESENTATION IN TABLES

TABLE 4.1 SUGAR CONSUMPTION BY DIFFERENT INDUSTRIAL SECTOR BY STATES

S/NO	STATE	SECTOR	QUANTITY USED IN METRIC TONNES 2015
1	ABIA	PHARMACEUTICALS	1,310
		FOOD & BEVERAGES	1,920
		BAKERY & CONFECTIONERY	2,958
		SOFT DRINKS	2,410
		DAIRY AND OTHERS	187
		SUB-TOTAL	8,785
2	ADAMAWA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	4,448
		BAKERY & CONFECTIONERY	4,679
		SOFT DRINKS	473
		DAIRY AND OTHERS	1,567
		SUB-TOTAL	11,167
3	AKWA IBOM	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,626
		BAKERY & CONFECTIONERY	2,216
		SOFT DRINKS	680
		DAIRY AND OTHERS	792
		SUB-TOTAL	5,314
4	ANAMBRA	PHARMACEUTICALS	9,863
		FOOD & BEVERAGES	3,726
		BAKERY & CONFECTIONERY	3,605
		SOFT DRINKS	5,970
		DAIRY AND OTHERS	586
		SUB-TOTAL	24,750
5	BAUCHI	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,286
		BAKERY & CONFECTIONERY	3,012
		SOFT DRINKS	0
		DAIRY AND OTHERS	953
		SUB-TOTAL	5,251

S/N	STATE	SECTOR	QUANTITY USED IN METRIC TONNES
6	BAYELSA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,148
		BAKERY & CONFECTIONERY	1,198
		SOFT DRINKS	0
		DAIRY AND OTHERS	288
		SUB-TOTAL	2,634
7	BENUE	PHARMACEUTICALS	0
		FOOD & BEVERAGES	4,253
		BAKERY & CONFECTIONERY	3,760
		SOFT DRINKS	590
		DAIRY AND OTHERS	372
		SUB-TOTAL	8,975
8	BORNO	PHARMACEUTICALS	N/A
		FOOD & BEVERAGES	N/A
		BAKERY & CONFECTIONERY	N/A
		SOFT DRINKS	N/A
		DAIRY AND OTHERS	N/A
		SUB-TOTAL	N/A
9	CROSS - RIVER	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,680
		BAKERY & CONFECTIONERY	2,694
		SOFT DRINKS	0
		DAIRY AND OTHERS	484
		SUB-TOTAL	4,858
10	DELTA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,410
		BAKERY & CONFECTIONERY	2,113
		SOFT DRINKS	2,110
		DAIRY AND OTHERS	343
		SUB-TOTAL	5,976

S/N	STATE	SECTOR	QUANTITY USED IN METRIC TONNES 2015
11	EBONYI	PHARMACEUTICALS	510
		FOOD & BEVERAGES	1,662
		BAKERY & CONFECTIONERY	1,294
		SOFT DRINKS	0
		DAIRY AND OTHERS	288
		SUB-TOTAL	3,754
12	EDO	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,589
		BAKERY & CONFECTIONERY	1,697
		SOFT DRINKS	0
		DAIRY AND OTHERS	381
		SUB-TOTAL	3,667
13	EKITI	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,047
		BAKERY & CONFECTIONERY	1,411
		SOFT DRINKS	0
		DAIRY AND OTHERS	134
		SUB-TOTAL	2,592
14	ENUGU	PHARMACEUTICALS	699
		FOOD & BEVERAGES	1,208
		BAKERY & CONFECTIONERY	4,304
		SOFT DRINKS	6,292
		DAIRY AND OTHERS	0
		SUB-TOTAL	12,503
15	GOMBE	PHARMACEUTICALS	0
		FOOD & BEVERAGES	846
		BAKERY & CONFECTIONERY	1,574
		SOFT DRINKS	0
		DAIRY AND OTHERS	607
		SUB-TOTAL	3,027

S/N	STATE	SECTOR	QUANTITY USED IN METRIC TONNES 2015
16	IMO	PHARMACEUTICALS	1,582
		FOOD & BEVERAGES	2,823
		BAKERY & CONFECTIONERY	3,008
		SOFT DRINKS	6,148
		DAIRY AND OTHERS	559
		SUB-TOTAL	14,120
17	JIGAWA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	640
		BAKERY & CONFECTIONERY	2,071
		SOFT DRINKS	0
		DAIRY AND OTHERS	443
		SUB-TOTAL	3,154
18	KADUNA	PHARMACEUTICALS	1,600
		FOOD & BEVERAGES	4,086
		BAKERY & CONFECTIONERY	5,248
		SOFT DRINKS	5,410
		DAIRY AND OTHERS	846
		SUB-TOTAL	17,190
19	KANO	PHARMACEUTICALS	1,618
		FOOD & BEVERAGES	4,605
		BAKERY & CONFECTIONERY	4,861
		SOFT DRINKS	5,893
		DAIRY AND OTHERS	1,095
		SUB-TOTAL	18,072
20	KATSINA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,112
		BAKERY & CONFECTIONERY	1,728
		SOFT DRINKS	0
		DAIRY AND OTHERS	818
		SUB-TOTAL	3,658

S/N	STATE	SECTOR	QUANTITY USED IN METRIC TONNES 2015
21	KEBBI	PHARMACEUTICALS	0
		FOOD & BEVERAGES	503
		BAKERY & CONFECTIONERY	1,784
		SOFT DRINKS	0
		DAIRY AND OTHERS	467
		SUB-TOTAL	2,754
22	KOGI	PHARMACEUTICALS	0
		FOOD & BEVERAGES	712
		BAKERY & CONFECTIONERY	3,158
		SOFT DRINKS	0
		DAIRY AND OTHERS	522
		SUB-TOTAL	4,392
23	KWARA	PHARMACEUTICALS	288
		FOOD & BEVERAGES	2,376
		BAKERY & CONFECTIONERY	3,268
		SOFT DRINKS	2,736
		DAIRY AND OTHERS	460
		SUB-TOTAL	8,840
24	LAGOS	PHARMACEUTICALS	126,000
		FOOD & BEVERAGES	216,743
		BAKERY & CONFECTIONERY	101,088
		SOFT DRINKS	237,503
		DAIRY AND OTHERS	22,800
		SUB-TOTAL	704,134
25	NASARAWA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	803
		BAKERY & CONFECTIONERY	3,009
		SOFT DRINKS	0
		DAIRY AND OTHERS	585
		SUB-TOTAL	4,397

S/N	STATE	SECTOR	QUANTITY USED IN METRIC TONNES 2015
26	NIGER	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,302
		BAKERY & CONFECTIONERY	2,980
		SOFT DRINKS	0
		DAIRY AND OTHERS	450
		SUB-TOTAL	4,732
27	OGUN	PHARMACEUTICALS	29,070
		FOOD & BEVERAGES	5,923
		BAKERY & CONFECTIONERY	7,149
		SOFT DRINKS	59,810
		DAIRY AND OTHERS	1,760
		SUB-TOTAL	103,712
28	ONDO	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,266
		BAKERY & CONFECTIONERY	2,178
		SOFT DRINKS	0
		DAIRY AND OTHERS	288
		SUB-TOTAL	3,444
29	OSUN	PHARMACEUTICALS	0
		FOOD & BEVERAGES	956
		BAKERY & CONFECTIONERY	1,738
		SOFT DRINKS	0
		DAIRY AND OTHERS	188
		SUB-TOTAL	2,882
30	OYO	PHARMACEUTICALS	18,000
		FOOD & BEVERAGES	7,468
		BAKERY & CONFECTIONERY	6,158
		SOFT DRINKS	18,940
		DAIRY AND OTHERS	448
		SUB-TOTAL	51,014

S/N	STATE	SECTOR	QUANTITY USED IN METRIC TONNES 2015
31	PLATEAU	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,636
		BAKERY & CONFECTIONERY	1,471
		SOFT DRINKS	410
		DAIRY AND OTHERS	125
		SUB-TOTAL	3,930
32	RIVERS	PHARMACEUTICALS	1,940
		FOOD & BEVERAGES	4,013
		BAKERY & CONFECTIONERY	3,038
		SOFT DRINKS	4,820
		DAIRY AND OTHERS	227
		SUB-TOTAL	14,038
33	SOKOTO	PHARMACEUTICALS	0
		FOOD & BEVERAGES	0
		BAKERY & CONFECTIONERY	2,411
		SOFT DRINKS	0
		DAIRY AND OTHERS	621
		SUB-TOTAL	3,032
34	TARABA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	0
		BAKERY & CONFECTIONERY	2,166
		SOFT DRINKS	0
		DAIRY AND OTHERS	353
		SUB-TOTAL	2,519
35	YOBE	PHARMACEUTICALS	N/A
		FOOD & BEVERAGES	N/A
		BAKERY & CONFECTIONERY	N/A
		SOFT DRINKS	N/A
		DAIRY AND OTHERS	N/A
		SUB-TOTAL	N/A

			QUANTITY USED IN METRIC TONNES
S/N	STATE	SECTOR	2015
36	ZAMFARA	PHARMACEUTICALS	0
		FOOD & BEVERAGES	0
		BAKERY & CONFECTIONERY	1,858
		SOFT DRINKS	0
		DAIRY AND OTHERS	408
		SUB-TOTAL	2,266
37	ABUJA FCT	PHARMACEUTICALS	0
		FOOD & BEVERAGES	1,486
		BAKERY & CONFECTIONERY	3,704
		SOFT DRINKS	5,821
		DAIRY AND OTHERS	585
		SUB-TOTAL	11,596
		GRAND TOTAL	1,086,435

TABLE 4.2 NATIONAL INDUSTRIAL SUGAR CONSUMPTION BY SECTORS

	SECTOR	QUANTITY USED IN (MT)
1	PHARMACEUTICAL	192,480
2	FOOD AND BEVERAGES	286,302
3	BAKERY AND CONFECTIONERY	200,607
4	SOFT DRINKS	366,016
5	DAIRY AND OTHERS	41,030
	GRAND TOTAL	1,086,435

TABLE 4.3 VOLUME OF ETHANOL USED BY INDUSTRIAL SECTORS

	SECTOR	VOLUME USED IN LITRES
1	PHARMACEUTICAL	273,295
2	FOOD AND BEVERAGES	1,047,800
	GRAND TOTAL	1,321,095

TABLE 4.4 TOTAL INDUSTRIAL SUGAR CONSUMPTION IN NIGERIA BY STATES

S/NO	STATE	QUANTITY USED IN (MT)
1	ABIA	8,785
2	ADAMAWA	11,167
3	AKWA IBOM	5,214
4	ANAMBRA	24,750
5	BAUCHI	5,251
6	BAYELSA	2,634
7	BENUE	8,975
8	BORNO	N/A
9	CROSS RIVER	4,858
10	DELTA	5,976
11	EBONYI	3,754
12	EDO	3,667
13	EKITI	2,592
14	ENUGU	12,503
15	GOMBE	3,027
16	IMO	14,120
17	JIGAWA	3,154
18	KADUNA	17,190
19	KANO	19,072
20	KATSINA	3,658
21	KEBBI	2,754
22	KOGI	4,392
23	KWARA	8,840
24	LAGOS	704,134
25	NASSARAWA	4,397
26	NIGER	4,732
27	OGUN	103,712
28	ONDO	3,444
29	OSUN	2,882
30	OYO	51,014
31	PLATEAU	3,930
32	RIVERS	14,038
33	SOKOTO	3,032
34	TARABA	2,519
35	YOBE	N/A
36	ZAMFARA	2,266
37	FCT ABUJA	11,596
	TOTAL	1,086,435

TABLE 4.5 RANKING OF STATES BY INDUSTRIAL SUGAR USAGE

S/No	STATE	QUANTITY USED (METRIC TONNES)
1	LAGOS	704,134
2	OGUN	103,712
3	OYO	51,014
4	ANAMBRA	24,750
5	KANO	19,072
6	KADUNA	17,190
7	IMO	14,120
8	RIVERS	14,038
9	ENUGU	12,503
10	FCT ABUJA	11,596
11	ADAMAWA	11,167
12	KWARA	9,128
13	BENUE	8,975
14	ABIA	8,785
15	DELTA	5,976
16	BAUCHI	5,251
17	AKWA IBOM	5,214
18	CROSS RIVER	4,858
19	NIGER	4,732
20	NASSARAWA	4,397
21	KOGI	4,392
22	PLATEAU	3,930
23	EBONYI	3,754
24	EDO	3,667
25	KATSINA	3,658
26	ONDO	3,444
27	JIGAWA	3,154
28	SOKOTO	3,032
29	GOMBE	3,027
30	OSUN	2,882
31	KEBBI	2,754
32	BAYELSA	2,634
33	EKITI	2,592
34	TARABA	2,519
35	ZAMFARA	2,266
36	BORNO	N/A
37	YOBE	N/A
	TOTAL	1,086,435

TABLE 4.6 SECTORAL CLASSIFICATION OF INDUSTRIAL SUGAR CONSUMPTION BY STATES

STATE	PHARM.	FOOD & BEVERAGES	BAKERY & CONF.	SOFT DRINKS	DAIRY	TOTAL (MT)
ABIA	1,310	1,920	2,958	2,410	187	8,785
ADAMAWA	0	4,448	4,697	473	1,567	11,167
AKWA IBOM	0	1,626	2,216	680	792	5,314
ANAMBRA	9,863	3,726	3,605	5,970	586	23,750
BAUCHI	0	1,286	3,012	0	953	5,251
BAYELSA	0	1,148	1,198	0	288	2,634
BENUE	0	4,253	3,760	590	484	8,975
BORNO	NIL	NIL	NIL	NIL	NIL	NIL
C/RIVER	0	1,680	2,694	0	484	4,858
DELTA	0	1,410	2,113	2,110	343	5,976
EBONYI	510	1,662	1,294	0	288	3,754
EDO	0	1,589	1,697	0	381	3,667
EKITI	0	1,047	1,411	0	134	2,592
ENUGU	699	1,208	4,304	6,292	0	12,503
GOMBE	0	846	1,574	0	607	3,027
IMO	1,582	2,823	3,008	6,148	559	14,120
JIGAWA	0	640	2,071	0	443	3,154
KADUNA	1,600	4,086	5,248	5,410	846	17,190
KANO	1,618	4,605	4,861	5,893	1,095	18,072
KATSINA	0	1,112	1,728	0	818	3,658
KEBBI	0	503	1,784	0	467	2,754
KOGI	0	712	3,158	0	522	4,392
KWARA	288	2,376	3,268	2,736	460	9,128
LAGOS	126,000	216,743	101,088	237,503	22,800	704,134
NASSARAWA	0	803	3,009	0	585	4,397
NIGER	0	1,302	2,980	0	450	4,732
OGUN	29,070	5,923	7,149	59,810	1,760	103,712
ONDO	0	1,266	2,178	0	288	3,732
OSUN	0	956	1,738	0	188	2,882
OYO	18,000	7,468	6,158	18,940	448	51,014
PLATEAU	0	1,636	1,471	410	125	3,642
RIVERS	1,940	4,013	3,038	3,816	227	14,038
SOKOTO	0	0	2,411	0	621	3,032
TARABA	0	0	2,166	0	353	2,519
YOBE	NIL	NIL	NIL	NIL	NIL	NIL
ZAMFARA	0	0	1,858	0	408	2,266
FCT ABUJA	0	1,486	3,704	5,821	585	11,596
TOTAL	192,480	286,302	200,607	366,016	41,030	1,086,435

TABLE 4.7 ALTERNATIVE SWEETNERS CONSUMED BY DIFFERENT INDUSTRIAL SECTORS

SECTOR	NAME OF SWEETNER	QUANTITY USED (KG)
PHARMACEUTICALS	GLUCOSE	54,000
	ASPERTAME	180.5
FOOD & BEVERAGES	GLUCOSE	4,450
	ACESULFAMME K.	N/A
	SUCRALOSE	N/A
SOFT DRINKS	ASPERTAME	380.80
	SUCRALOSE	N/A
	LACTOSE	N/A

The total quantity of sugar consumed in each State on sectoral basis is presented in Table 4.1 while Table 4.2 represents computation of National Industrial Sugar Consumption in the country on sectoral basis in 2015. Table 4.4 represents the quantity of sugar consumed on State by State basis. The data obtained from the thirty-four (34) States of the Federation including the Federal Capital Territory, Abuja, were presented in chronological order is in Table 4.5. According to the result, Table 4.6 shows the sectoral classification of industrial sugar consumption by States while Table 4.7 represents the quantities of alternative sweeteners namely: Glucose, Aspartame, Acesulfamme K., Sucralose etc. used by different industrial sectors.

From Table 4.2, the Soft Drinks sub-sector accounted for the highest consumption of sugar. The sector consumed (366,016 or 34%) metric tons of sugar, followed by the Food and Beverages sub-sector which had (286,302 or 26%) metric tons of industrial sugar usage. Bakery/Confectionery and Pharmaceutical sectors accounted for (200,607 or 18.3%) and (192,480 or 17.7%) metric tons respectively. The sector that consumed the least is Dairy which accounted for only (41,030) metric tons representing just 4% of total sugar consumed by industries during the period under review.

As revealed by the survey, Five (5) top industrial sugar consuming states during the period were as listed below:

Table 4.8 Five Top Industrial Sugar Consuming States

Ranking	States	Qty (MT)	% Usage
1 st	LAGOS	704,134	65%
2 nd	OGUN	103,712	10%
3 rd	OYO	51,014	5%
4 th	ANAMBRA	23,750	2.1%
5 th	KANO	18,072	1.7%

Furthermore, five least industrial sugar consuming States as revealed by the survey were as listed below:

Table 4.9 Five Least Industrial Sugar Consuming States

Ranking	States	Qty (MT)	% Usage
1 st	KEBBI	2,754	0.25%
2 nd	BAYELSA	2,634	0.24%
3 rd	EKITI	2,592	0.24%
4 th	TARABA	2,519	0.23%
5 th	ZAMFARAR	2,266	0.20%

The result in most cases is a barometer or indicator of the level of industrialization of the States concerned. For instance, Lagos State which recorded the highest quantity of sugar consumption is still indisputably, the most industrialized State in Nigeria. Two States namely; Yobe and Borno were not covered due to security challenges in these States.

5.0 DATA PRESENTATION IN CHARTS

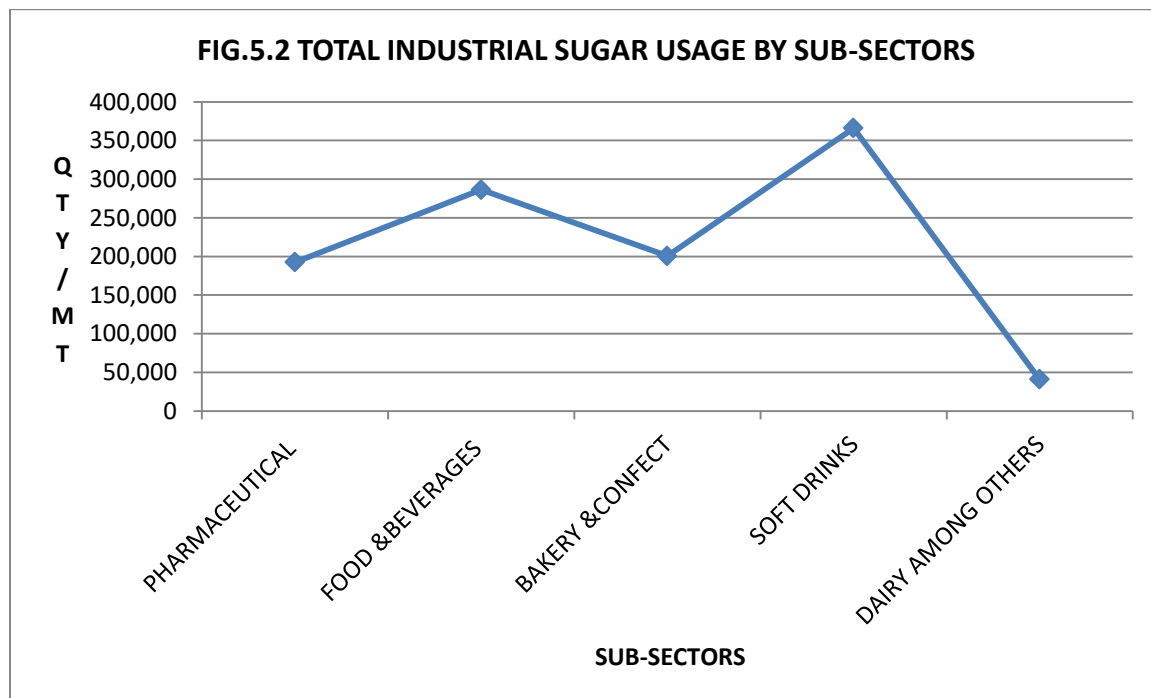
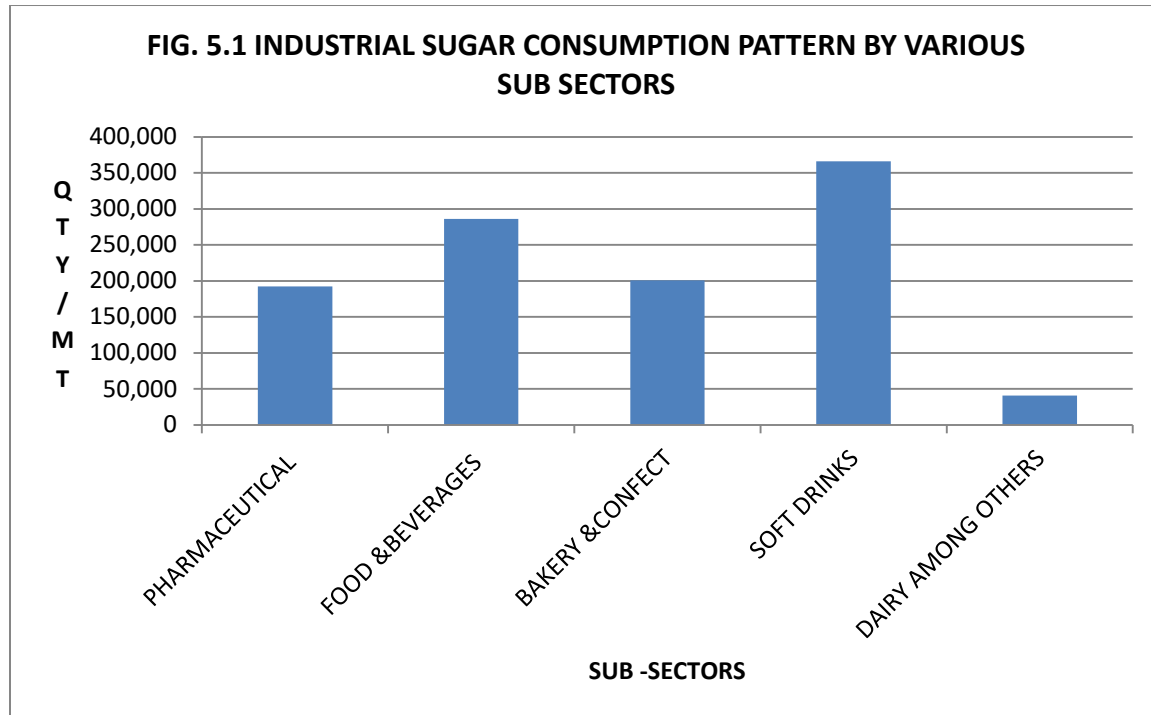


FIG.5.3 PIE CHART DICPICTING TOTAL SUGAR USAGE BY INDUSTRIAL SECTORS AND PERCENTAGES

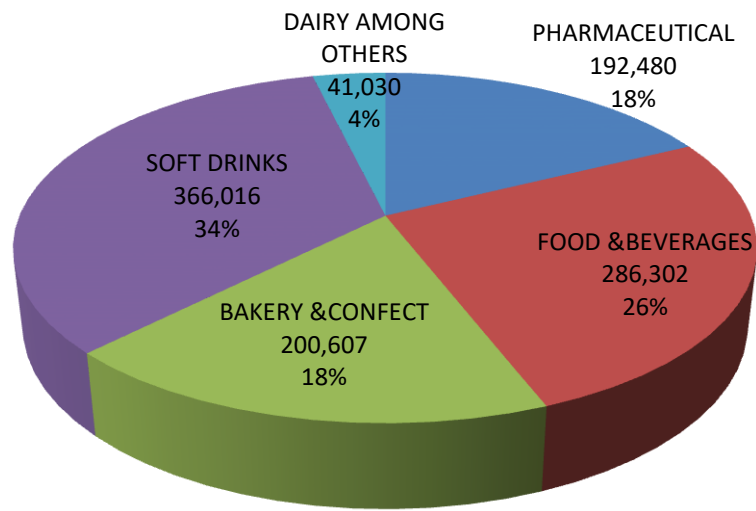
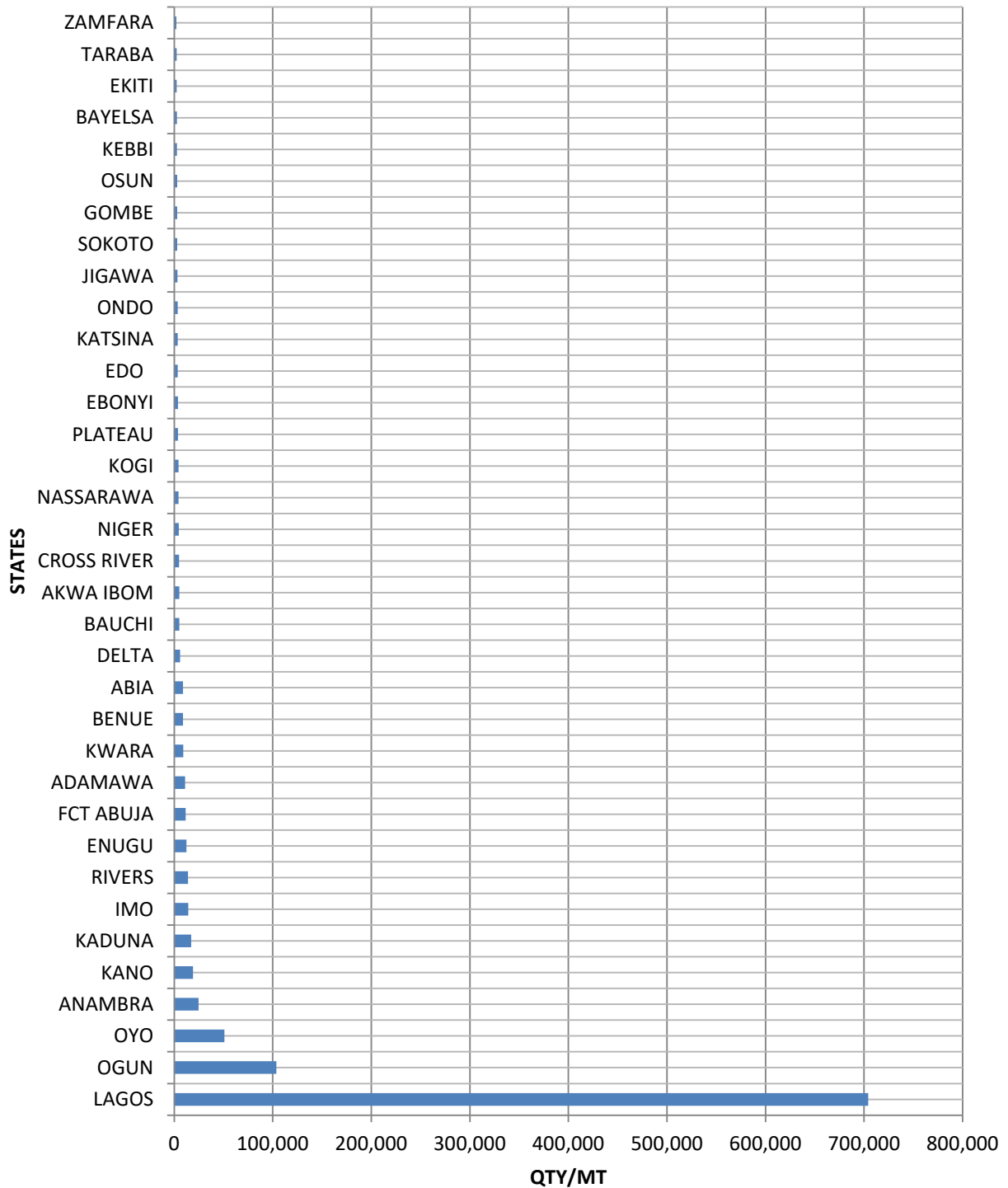


FIG. 5.4 BARCHART DIPICTING INDUSTRIAL SUGAR USAGE BY STATES



6.0 DOMESTIC AND INTERNATIONAL MARKET PRICE SURVEY

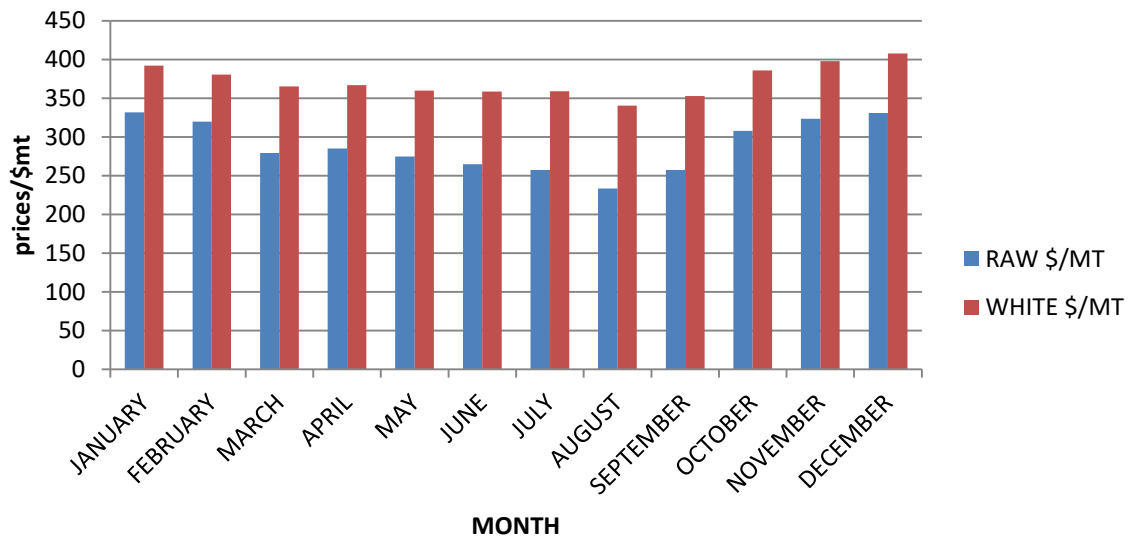
During the period under review, market price survey was conducted in three (3) major densely populated cities in Nigeria namely; Abuja, Lagos and Kano. Planning Officers normally serve as enumerators and randomly visit wholesalers and retailers in each market to obtain sugar prices. The international prices of raw and refined sugar were obtained from various sources including the *Public Ledger*, ISA Daily Price and Monthly Market Reports and Statistical Bulletin from the International Sugar Organization as well as the Ministry of Agriculture, Livestock and Food Supply in Brazil. The summary/outcome of the market price survey at the end of each week, month, quarter, half year and annual data were compiled, analyzed and presented in the following tables and charts:

INTERNATIONAL MONTHLY AVERAGE SUGAR PRICES (\$) 2015

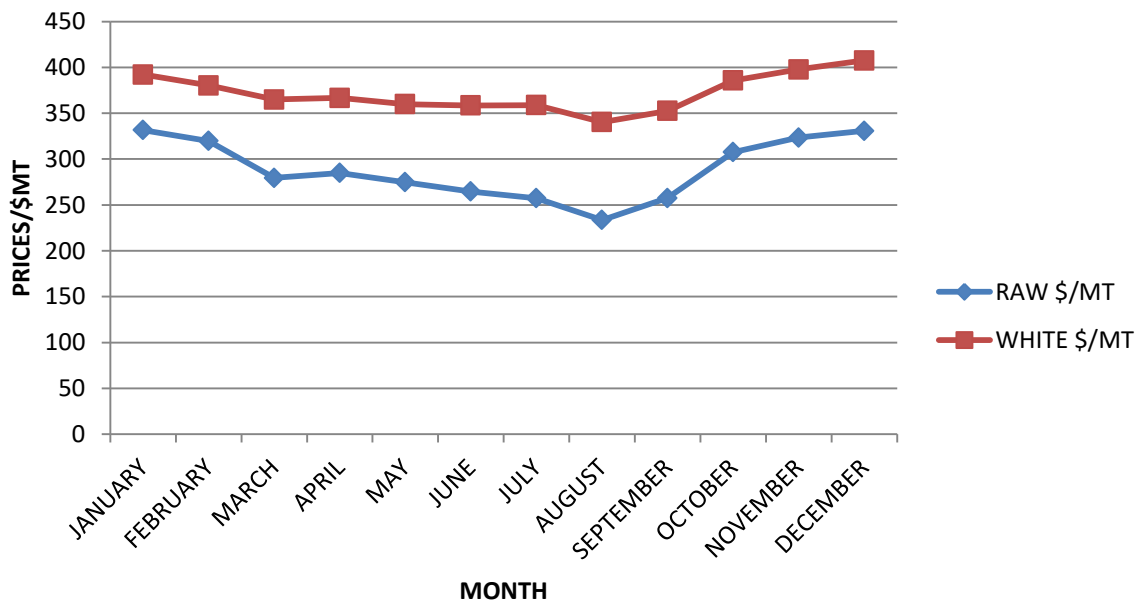
TABLE 6.1

MONTH	RAW \$/MT	WHITE \$/MT
JANUARY	331.64	392.24
FEBRUARY	319.79	380.32
MARCH	279.41	365.07
APRIL	284.86	366.67
MAY	274.79	360
JUNE	264.69	358.55
JULY	257.29	358.86
AUGUST	233.56	340.37
SEPTEMBER	257.47	352.67
OCTOBER	307.58	385.78
NOVEMBER	323.48	397.75
DECEMBER	330.74	407.56
AVERAGE	288.77	372.15

**FIG 6.1 INTERNATIONAL MONTHLY AVERAGE PRICES
OF RAW AND WHITE SUGAR**



**FIG.6.2 INTERNATIONAL MONTHLY AVERAGE PRICES
OF RAW AND WHITE SUGAR**



During the period under review, the global sugar prices remained relatively stable. Although a slightly falling trend was recorded for the prices of raw sugar, starting with USD331.64/ton in January, 2015 and continued to decline to USD233.56/ton in August, then rose to USD307.58/ton in October and closed the year with USD330.74/ton in December, 2015. There was a general stability in the global average sugar prices of refined sugar. For instance, the global price of refined sugar in January was USD393.24/ton and the price remained relatively within that range. The price of the refined sugar however, declined to about USD340.37/ton in August; rose again to USD397.75/ton in November and closed the year with USD407.56/ton. *The international average prices for both raw and refined sugar in year 2015 were USD288.77/ton and USD372.15/ton respectively.* Figures 6.1 and 6.2 shows the movement of sugar prices in the global market.

MONTHLY WHOLESALE AND RETAIL SUGAR PRICES (N/50KG BAG) IN NIGERIA (2015)

TABLE 6.2

MONTH	WHOLESALE N/50KG	RETAIL N/50KG
JANUARY	7350	7560
FEBRUARY	7450	7650
MARCH	7500	7735
APRIL	8275	8510
MAY	8412	8644
JUNE	8360	8510
JULY	8290	8468
AUGUST	8280	8460
SEPTEMBER	7792.5	7990
OCTOBER	6306	6584
NOVEMBER	6510	6665
DECEMBER	6620	6800
AVERAGE	7,595.45	7,798.00

FIG. 6.3 MONTHLY AVERAGE WHOLESALE AND RETAIL SUGAR PRICES IN NIGERIA

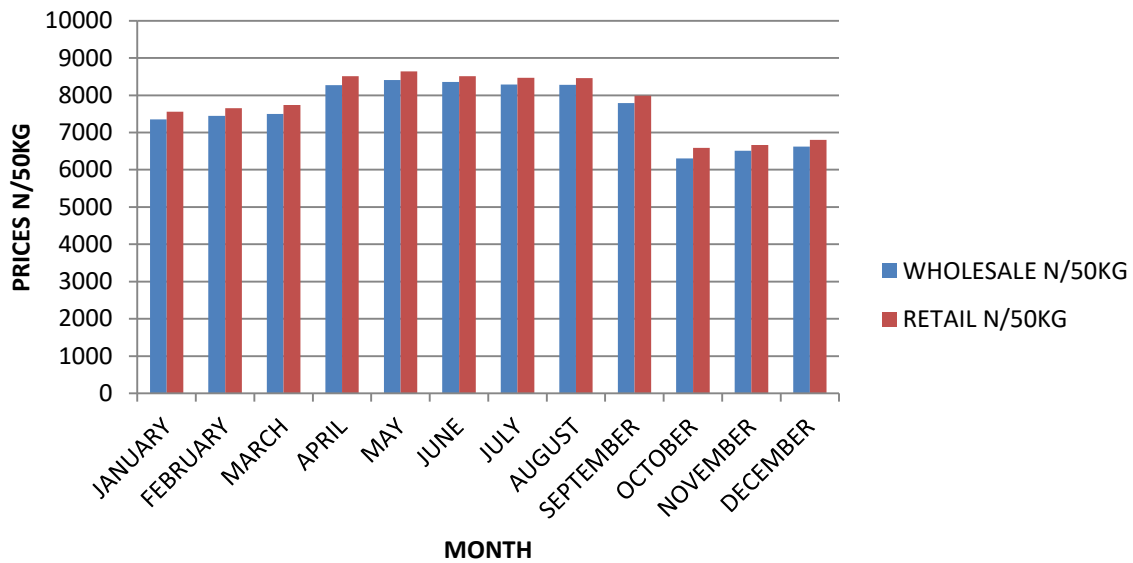
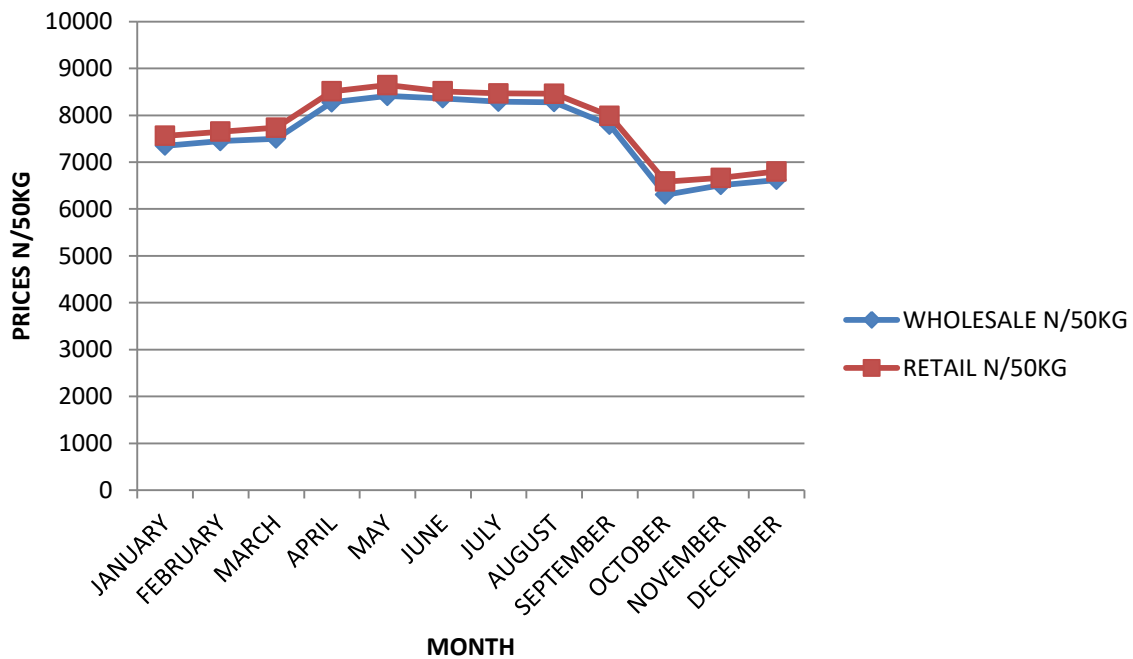


FIG. 6.4 MONTHLY AVERAGE WHOLESALE AND RETAIL SUGAR PRICES IN NIGERIA



The result of the market price survey in Nigeria also revealed that the prices of sugar generally followed a similar trend as obtained in the international market. For instance, the wholesale sugar price started at N7,350/50kg bag of sugar in January and rose gradually to N8,412/50kg bag in May and later declined gradually to close the year with N6,620/50kg bag in December, 2015. In the same stratum, retail prices of sugar followed a similar upward and downward movement starting the year with an average price of N7,560/50kg in January and rose to N8,644/50kg in May, 2015. The price however, continued to decline gradually from June thereby closing the year at N6,800/50kg in December. *The average price of sugar were N7,595.45/50kg and N7,798.00/50kg for wholesale and retail respectively in 2015.*

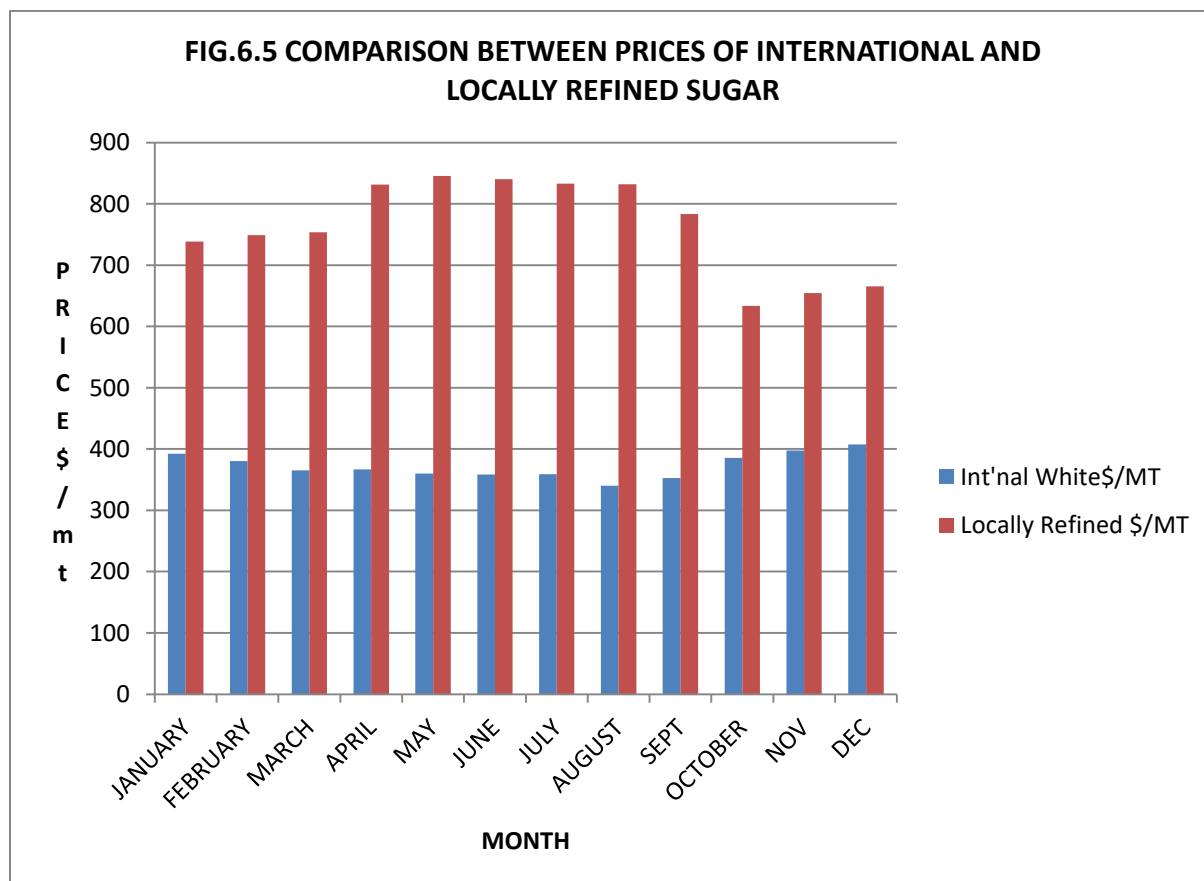
**COMPARISONS OF THE LOCAL AND INTERNATIONAL AVERAGE
MONTHLY PRICES OF REFINED SUGAR**

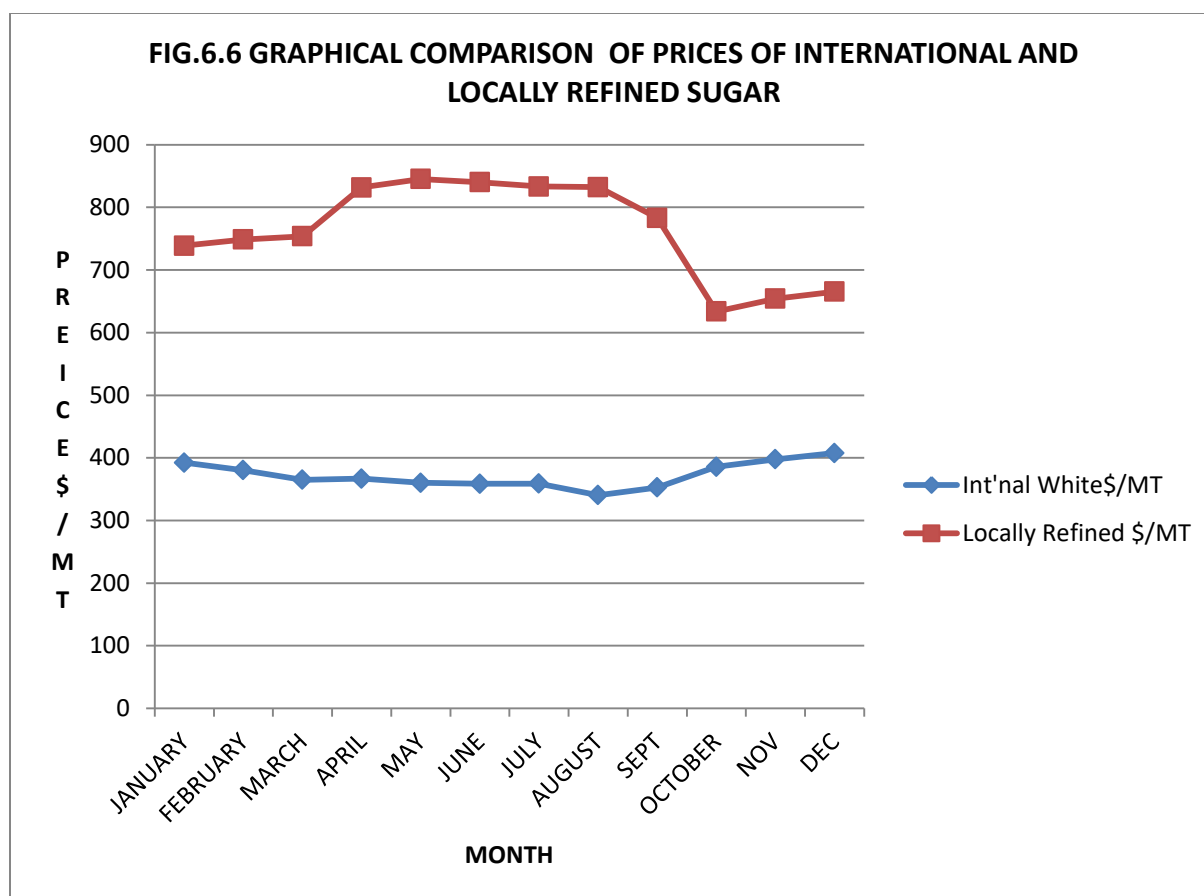
TABLE 6.3

MONTH	INT'L WHITE \$/MT	LOCALLY REFINED \$/MT	VARIATION LOCAL AND	BETWEEN INT'L PRICES
			\$/MT	%
JANUARY	392.24	738.69	346.45	88.32%
FEBRUARY	380.32	748.73	368.42	96.87%
MARCH	365.07	753.76	388.69	106.47%
APRIL	366.67	831.65	464.98	126.81%
MAY	360.00	845.42	485.42	134.84%
JUNE	358.55	840.20	481.65	134.33%
JULY	358.86	833.16	474.30	132.17%
AUGUST	340.37	832.16	491.79	144.48%
SEPT	352.67	783.16	430.49	122.07%
OCTOBER	385.78	633.76	247.98	64.28%
NOV	397.75	654.27	256.52	64.49%
DEC	407.56	665.32	257.76	63.24%
ANNUAL AVERAGE	372.15	763.35	391.20	106.53%

NB: CONVERSION RATE: US\$1= N197

The result obtained from the local market price survey carried out during the period was also compared with the prices of refined sugar in the international market. *The comparison reveals that there is still a wide gap between the prices of refined sugar sold in the Nigerian markets and in the world market.* For instance, *the average sugar price of refined sugar in Nigeria for 2015 was put at USD763.35/MT, while at the international market it was sold at USD372.15/MT- a difference of USD391.20/MT or 106.53% between the local and international market price.* The comparative analysis is illustrated in Tables 6.3 above as well as the proceeding Figures 6.5 and 6.6 respectively.





The large variance between the local and international prices of sugar is a clear indication of profit margin being made by refiners of sugar even when cost of importation and other associated refining charges are taken into consideration. This may also be the reason why most investors are mainly interested in refinery activities rather than direct production from sugarcane. However, the unbridled importation has its negative impact on the economy in terms of employment and wealth creation and other deliverables accruable from local production. The NSDC as a regulatory agency would continue with the implementation of the Nigeria Sugar Master Plan (NSMP) so as to reverse the trend!

7. CONCLUSION

With the successful completion of the 2015 survey on industrial sugar consumption and market price survey in Nigeria, data on the nation's industrial sugar consumption pattern as well as the nation's sugar prices for the period have been obtained. This information will go into our databank and shall also be posted on our website as usual. It will also be available for investors wishing to go into the sugar sub-sector who may need information on both the level of industrial consumption by different sectors and sale prices.

We wish to express our gratitude to the Executive Secretary and Management for approving the necessary funds for the execution of the survey. The efforts and dedication of the Policy, Planning, Research and Statistics Department Staff who participated in the various data gathering and analysis are commendable as well.

Finally, we wish to express the Council's appreciation to the industrial sector, sugar users and traders especially companies and organizations that responded to our questionnaires. Without their inputs, this exercise would have been impossible.

**POLICY, PLANNING, RESEARCH
AND STATISTICS DEPARTMENT
SEPTEMBER, 2016**

Headquarters

National Sugar Development Council
Sugar House, 45, Oro Ago Crescent,
Off Muhammadu Buhari Way,
Garki II, Abuja

Website: www.nsd.gov.ng or www.nsdonline.org
E-mail: contact@nsdc.gov.ng or contact@nsdonline.org

Yola Liaison Office:

Room 216/217, 2nd Floor,
East Wing, Federal Secretariat,
Yola, Adamawa State
Telephone: 08034295690/08127783573
Email: : yolaliaison@nsdc.gov.ng

Lagos Liaison Office:

No. 22B, Randle Crescent,
Apapa, Lagos, Lagos State
Telephone: 08069111333/0704111445
Email: lagosliaison@nsdc.gov.ng

Ilorin Liaison Office:

Room 518/519, Fate Road,
Federal Secretariat, Ilorin,
Kwara State
Telephone: 07037445215
Email: ilorinliaison@nsdc.gov.ng

Kano Liaison Office:

Plot 657 & Extension, Opposite Nigerian
International Turkish College,
Near Royal Star Bakery, Kano,
Kano State
Telephone: 08066988668/0808791620
Email: kanoliaison@nsdc.gov.ng