



AfricaFertilizer.org



# FERTILIZER STATISTICS OVERVIEW NIGERIA 2014 - 2018

2019 Edition



# Nigeria

## Outline

1. Production
2. Imports
3. Exports
4. Origins
5. Agric. and non-agric. use
6. NPK import analysis
7. Consumption (app)
8. Summary

## Background Information

- Overview of fertilizer statistics in Nigeria from 2014 – 2018.
- Emphasis on 2018, and each analysis is based on the products with higher quantities.
- Official trade data obtained from the Nigeria Customs Service (NCS) and validated by Fertilizer Technical Working Group – Nigeria (FTWG-NGA).
- 2018 data validated from 12<sup>th</sup> –13<sup>th</sup> April 2019.

# Fertilizer Production

# NIGERIA

HS Code	Product	2014	2015	2016	2017	2018
3102100000	Urea	170,000	281,750	695,000	1,420,325	1,595,935.00
3103100000	SSP	491	611	-		
<b>Total (mt)</b>		<b>170,491</b>	<b>282,361</b>	<b>695,000</b>	<b>1,420,325</b>	<b>1,595,935</b>

## Comments

- There is primary production of granulated Urea fertilizer in Nigeria by Notore Chemical Industries PLC and Indorama Group. Both are located at Onne, River state. Dangote Fertilizer will soon start production of Urea in addition to the two mentioned above.
- Indorama started production in June 2016 which influenced increment in production from 2016 – 2018.
- There is also production of SSP but it has been on hold since 2016.
- Local blending activities saw a 12% increase in Urea production in 2018 compared to 2017.
- There are over 31 active blending plants across the country, some of which focus on blending of NPK 20 10 10 under the Presidential Fertilizer Initiative (PFI)

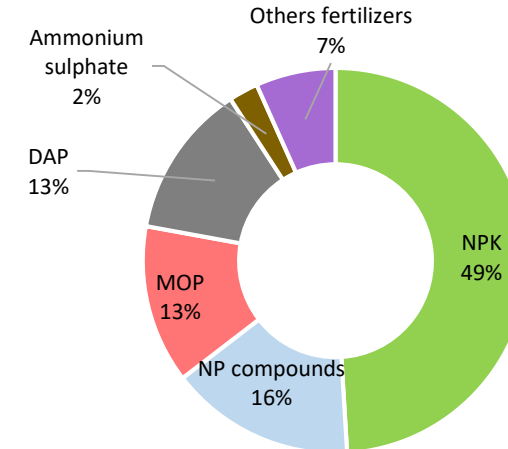


# Fertilizer Imports

# NIGERIA

HS Code	Fertilizer Name	2014	2015	2016	2017	2018
3105200000	NPK	344,879	165,684	380,455	399,949	351,821
3105510000	NP compounds	68,535	47,986	115,845	96,984	111,500
3104200000	MOP	13,721	408	3,683	121,846	95,373
3105300000	DAP	-	5,500	5,250	102,770	92,956
3102210000	Ammonium sulphate	2,321	10,483	27,450	40,248	17,700
3102100000	Urea	291,966	120,346	21,013	12	
	Others fertilizers	20,796	67,569	40,298	42,285	48,101
<b>Total (mt)</b>		<b>742,216</b>	<b>417,976</b>	<b>593,994</b>	<b>804,093</b>	<b>717,450</b>

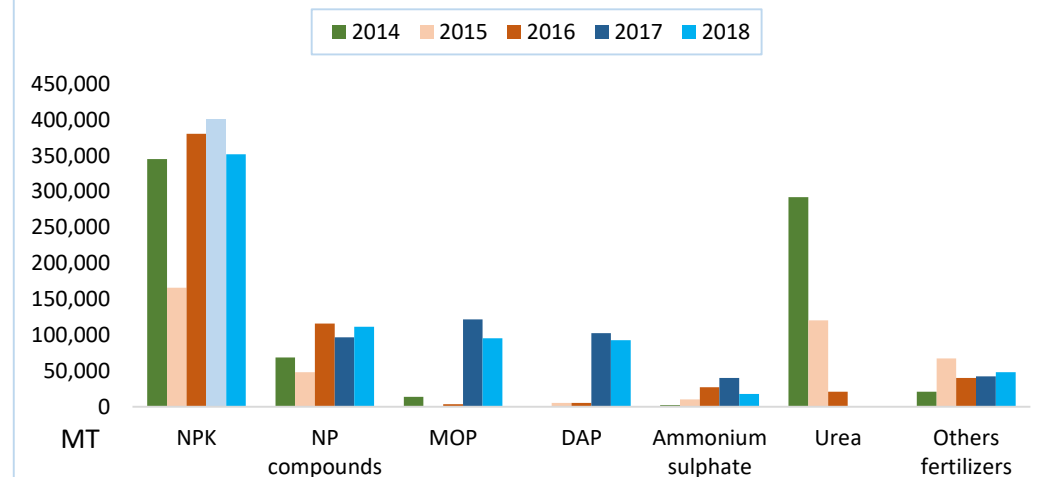
TOP 5 IMPORTED FERTILIZERS 2018



## Comments

- Official fertilizer imports to Nigeria decreased by 11% from 2017 to 2018. NPK imports also decreased by 12% and it is expected to decrease further in the coming years as a result of a ban on NPK imports in Q4 of 2018 in Nigeria.
- There were no imports of Urea, due to import restrictions on the product. However, producers of Urea in the country are still able to meet current demand.

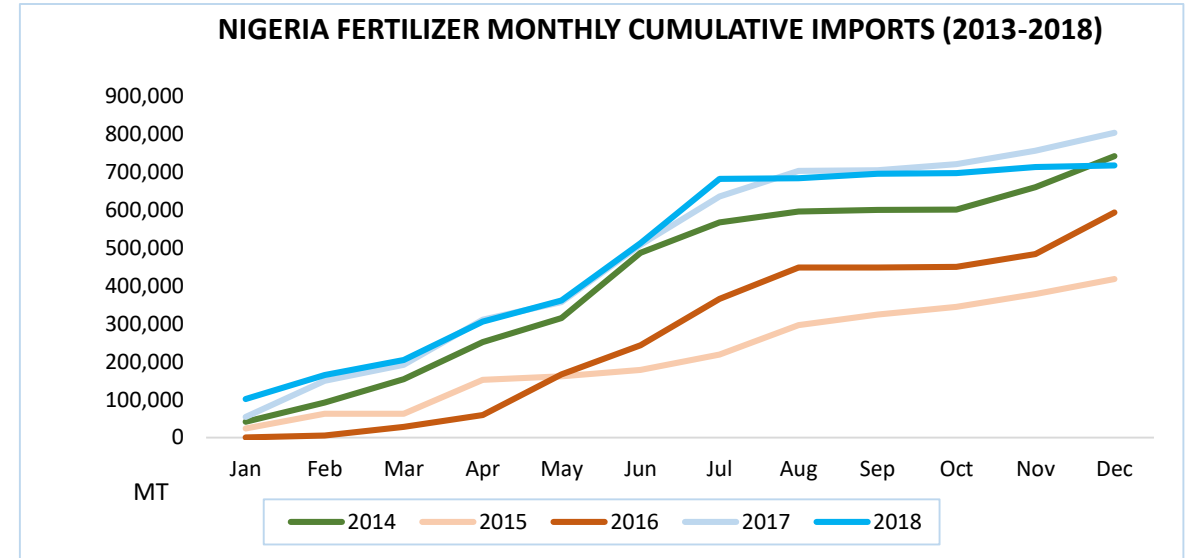
TOP FERTILIZER IMPORTS PER YEAR



# Fertilizer Monthly Imports

# NIGERIA

Quarter	2014	2015	2016	2017	2018
Q1	153,485	62,761	27,966	191,629	204,513
Q2	333,775	115,692	215,756	316,803	308,218
Q3	113,195	146,067	205,087	196,992	183,020
Q4	141,761	93,457	145,185	98,670	21,699
<b>Total (mt)</b>	<b>742,216</b>	<b>417,976</b>	<b>593,994</b>	<b>804,093</b>	<b>717,450</b>



## Comments

- In 2018, fertilizer import was at its peak in July, recording 169,097mt (24% of 2018 imports).
- Most imports were recorded in the second quarter and the least imports were recorded in the fourth quarter of 2018.

## Crop Calendar

SEASON	CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Major Season (Long Rains)	Cassava (South)					◆	◆	◆	■	■	■	■	■
	Maize (North main*)					◆	◆	◆	■	■			
	Maize (South main*)			◆	◆	◆	■	■	■	■			
	Millet						◆	◆	■	■	■		
	Sorghum				◆	◆	◆	◆	■	■	■		
	Rice				◆	◆	◆	◆	■	■	■		
	Yams		◆	◆	◆	◆	◆	◆	■	■	■		
Minor Season (Short Rains)	Cassava, Maize, Millet, Sorghum, Rice, Yams	◆	◆	■	■	■	■					◆	◆

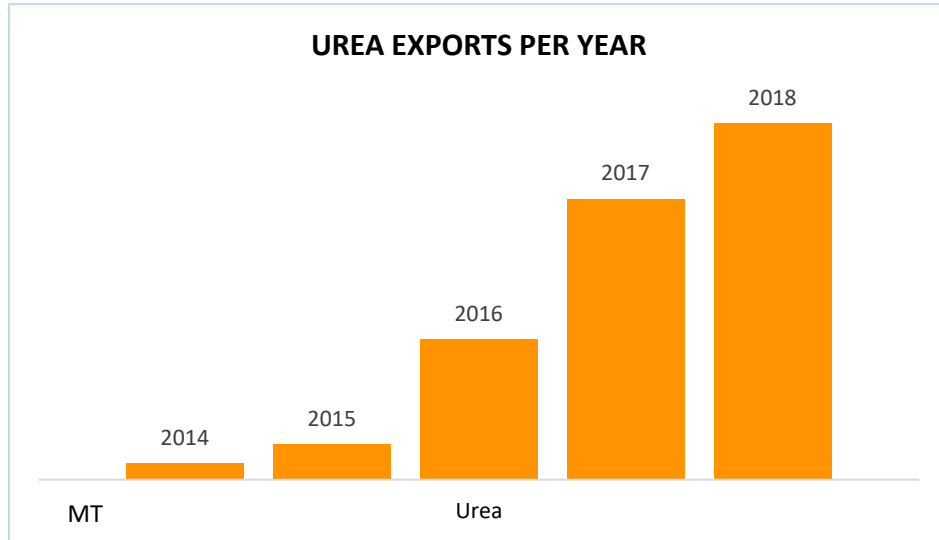
Key: ◆ Fertilizer Peak Demand ■ Sowing ■ Growing ■ Harvesting

Source : FAO/GIEWS

# Fertilizer Exports

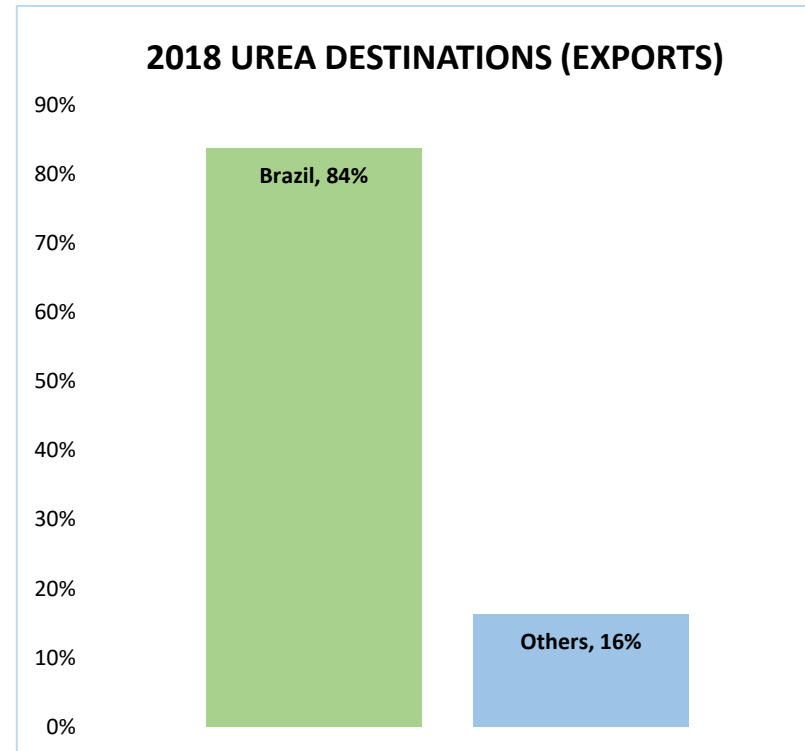
# NIGERIA

HS Code	Fertilizer Name	2014	2015	2016	2017	2018
3102100000	Urea	38,000	82,440	329,630	659,603	837,436



## Comments

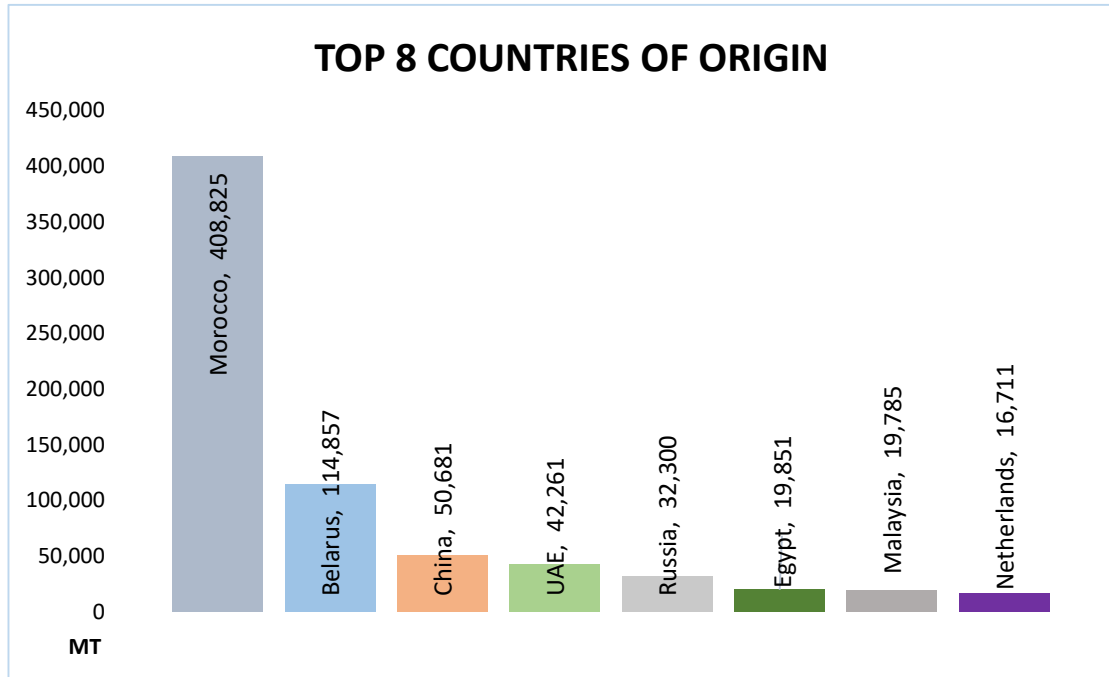
- Increase in production also increased the volume of Urea exports.
- There was a 27% increase in Urea exports.
- Brazil continues to be the exports destination for Nigerian Urea as 84% of the Urea was exported there.



Urea

# Fertilizer Origins

# NIGERIA



Countries of Origin	Morocco	Belarus	China	UAE	Russia	Other Countries
NPK	81%		0%	12%		7%
NP Compounds	31%		40%		29%	
MOP		98%				2%
DAP	96%		4%			0%
Ammonium Sulphate			6%			94%
Other fertilizers		44%	1%	1%		54%

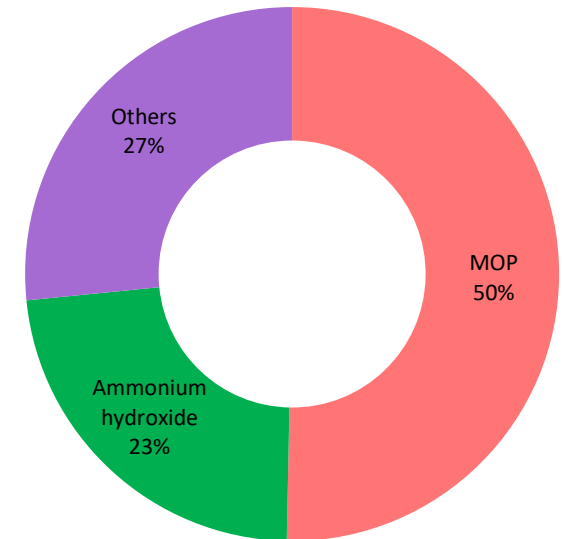
❖ Most Ammonium sulphate were imported from Netherlands.

# Agricultural and Non-agricultural Uses

# NIGERIA

Usage	2014		2015		2016		2017		2018	
	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%
Agriculture	742,216	98%	417,976	97%	593,994	99%	804,093	99%	717,450	99%
Industrial/Mines	13,197	2%	11,365	3%	3,095	1%	4,588	1%	5,209	1%
<b>Total (mt)</b>	<b>755,414</b>	<b>100%</b>	<b>429,341</b>	<b>100%</b>	<b>597,089</b>	<b>100%</b>	<b>808,682</b>	<b>100%</b>	<b>722,659</b>	<b>100%</b>

2018 NON FERTILIZER USE



## Comments

- Some products can be used for both agricultural and industrial purposes depending on the importer.
- Above is a table that shows the product usage of imports over the years.



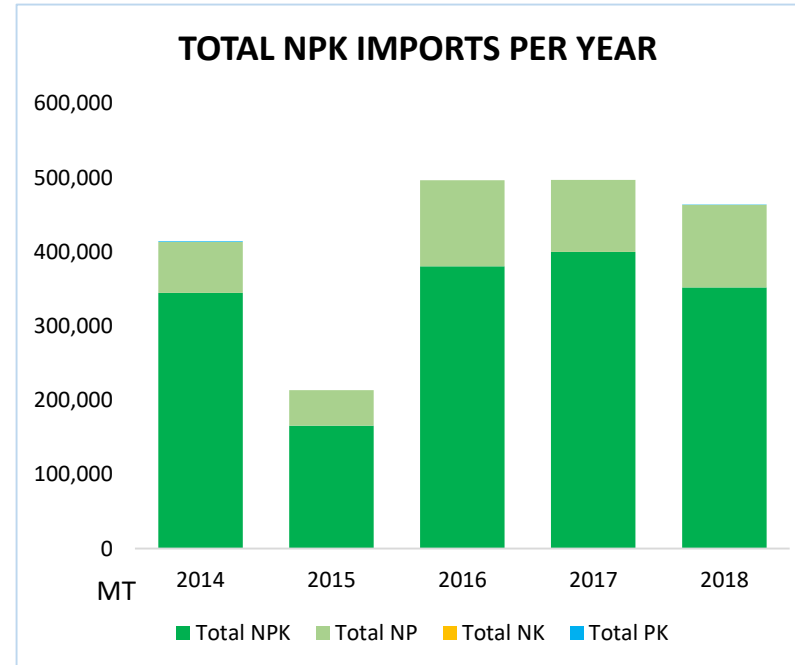
# NPK Imports Analysis

# NIGERIA

HS Code	Fertilizer Name	2014	2015	2016	2017	2018
3105200000	Total NPK	344,879	165,728	380,455	399,949	351,821
3105510000	Total NP	68,535	47,986	115,845	96,984	111,500
3105700000	Total NK	-	-	-	-	-
3105600000	Total PK	485	-	-	-	421
<b>Total (mt)</b>		<b>413,898</b>	<b>213,714</b>	<b>496,300</b>	<b>496,933</b>	<b>463,742</b>

## Comments

- Companies import NPK and NP complex fertilizers for direct sale on the Nigerian market.
- Other companies import raw materials to blend specific fertilizers for farmers.
- NPK 20 10 10 is blended under the PFI.
- Other NPK grades found in the country include NPK 15 15 15, NPK 12 12 17 + 2MgO and NPK 27 13 13.

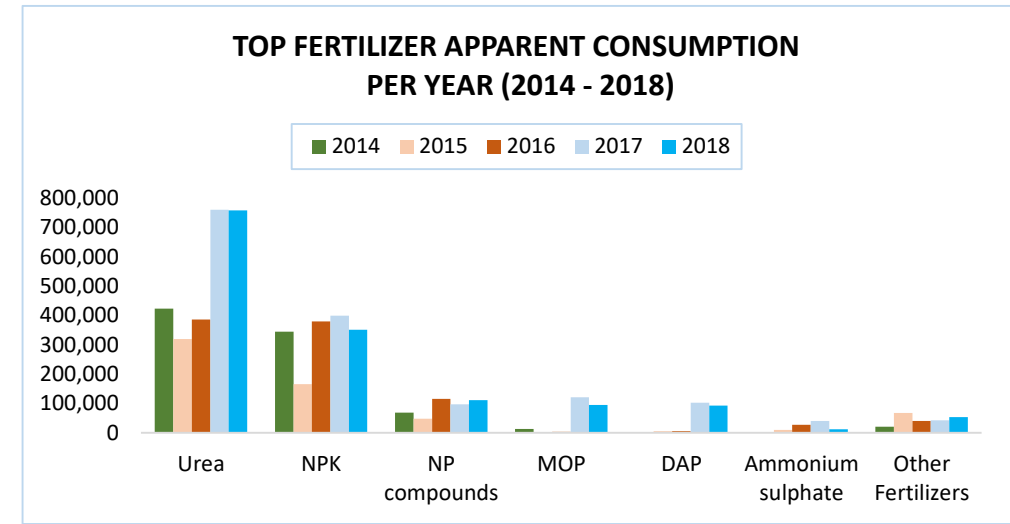


NPK Blend

# Fertilizer Apparent Consumption

# NIGERIA

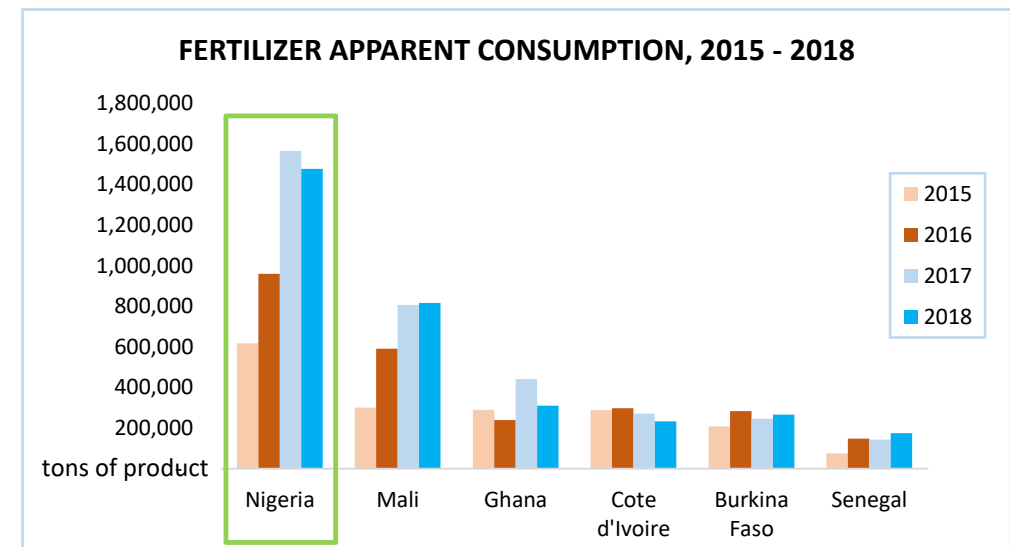
HS Code	Fertilizer Name	2014	2015	2016	2017	2018
3102100000	Urea	423,966	319,656	386,383	760,734	758,499
3105200000	NPK	344,879	165,684	380,455	399,949	351,821
3105510000	NP compounds	68,535	47,986	115,845	96,984	111,500
3104200000	MOP	13,721	408	3,683	121,846	95,373
3105300000	DAP	-	5,500	5,250	102,770	92,956
3102210000	Ammonium sulphate	2,321	10,483	27,450	40,248	12,022
	Other Fertilizers	20,796	68,180	40,298	42,285	53,779
<b>Total (mt)</b>		<b>874,216</b>	<b>617,897</b>	<b>959,364</b>	<b>1,564,816</b>	<b>1,475,950</b>



## Comments

- There was a slight decrease of 6% in apparent consumption from 2017 to 2018.
- The PFI is one of the major factors for the increase in apparent consumption in 2017 and 2018 as compared to 2016, although carryover stocks for these years remain unknown.

NB: Apparent consumption = Production + Imports – Exports – non fertilizer use



# Summary of 2018 Fertilizer Statistics

# NIGERIA

New HS Cod	Product	Production	Total Imports	Exports	Non Fertilizer Use	Fertilizer Imports	2018 Apparent Consumption
3102100000	Urea	1,595,935	-	837,436	-	-	758,499
3105200000	NPK		351,821			351,821	351,821
3105510000	NP compounds		111,518		18	111,500	111,500
3104200000	MOP		97,994		2,621	95,373	95,373
3105300000	DAP		92,956			92,956	92,956
3103100000	SSP		19,854		0	19,854	19,854
3102210000	Ammonium sulphate		17,748		48	17,700	17,700
3104900000	Other potash		12,157		136	12,022	12,022
3103900000	Other phosphate		10,214		0	10,214	10,214
3102900000	Other nitrogen		2,732		9	2,723	2,723
3101000000	Organic fertilizer		2,580			2,580	2,580
3105600000	PK compounds		425		4	421	421
2510100000	Phosphate rock		270		20	250	250
3105400000	MAP		38			38	38
2814100000	Anhydrous ammonia		0		0	-	-
2814200000	Ammonium hydroxide		1,204		1,204	-	-
3102500000	Sodium nitrate		439		439	-	-
3102800000	UAN		24		24	-	-
3104300000	SOP		687		687	-	-
<b>Total mt</b>		<b>1,595,935</b>	<b>722,659</b>	<b>837,436</b>	<b>5,209</b>	<b>717,450</b>	<b>1,475,950</b>

# Participants of 2019 FTWG

## NIGERIA

Name	Organization	Position	Email
Gideon Negedu	TAK	TAK AGRO/ Fertilizer Association of Nigeria	<a href="mailto:fnegedu@hotmail.com">fnegedu@hotmail.com</a>
Surendra Kumar Srivastava	Indorama	Head of Marketing	<a href="mailto:sksrivastava@indorama.com.ng">sksrivastava@indorama.com.ng</a>
ADEGBITE Joseph Adewunn	Nigerian Ports / Cooperate and Strategic Division		<a href="mailto:josephadegbite1967@gmail.com">josephadegbite1967@gmail.com</a>
Olorunmola Dare Rapheal	CountrySTAT	CountrySTAT Leader	<a href="mailto:drolorunmola@gmail.com">drolorunmola@gmail.com</a>
Adamu Sale	FMARD / FISS	Deputy Director	<a href="mailto:ujibrin3264@gmail.com">ujibrin3264@gmail.com</a> ;
Sani Ahmad	Customs	Tariff & Trade Unit	<a href="mailto:wawoboy1@yahoo.com">wawoboy1@yahoo.com</a>
Felix Nwoche	Notore	Commercial Business Analyst	<a href="mailto:okechukwu.nwoche@notore.com">okechukwu.nwoche@notore.com</a>
Mary Ajoke ARONIYO	NBS	Assistant Head, Agric Statistics	<a href="mailto:omoabm2@yahoo.com">omoabm2@yahoo.com</a> ;
Bengum Hyelatakiri	FEPSAN	Agric Officer	<a href="mailto:bengum@fepsannigeria.com">bengum@fepsannigeria.com</a>
Peter Amahwe	OCP Nigeria	Logistics Services Manager	<a href="mailto:p.amahwe@ocpafrica.com">p.amahwe@ocpafrica.com</a>
Salassi Idriss	IFDC	Nigeria IFDC Country Representative	<a href="mailto:sidriss@ifdc.org">sidriss@ifdc.org</a>
Kossi Koudjega	WAFA	WAFA Coordinator	<a href="mailto:koudjeg@gmail.com">koudjeg@gmail.com</a>
Kido Kouassi	IFDC	EnGRAIS Sub Regional Coordinator	<a href="mailto:kkouassi@ifdc.org">kkouassi@ifdc.org</a>
Innocent Okuku	WAFA	WAFA Vice President	<a href="mailto:drokuku@gmail.com">drokuku@gmail.com</a>
Olive M'Bahia	IFDC	EnGRAIS Sub Regional Coordinator	<a href="mailto:ombahia@ifdc.org">ombahia@ifdc.org</a>
Samuel Ali	IFDC	Jr Fertilizer Market Analyst	<a href="mailto:sali@ifdc.org">sali@ifdc.org</a>
Fred Gyasi	IFDC	Fertilizer Statistics Specialist	<a href="mailto:fgyasi@ifdc.org">fgyasi@ifdc.org</a>
Grace Chilande Wekhuyi	IFDC	AFO Coordinator	<a href="mailto:gchilande@ifdc.org">gchilande@ifdc.org</a>

# Participants of 2019 FTWG

## NIGERIA



[Fertilizer Technical Working Group Workshop Report](#)

[Nigeria Fertilizer FactSheet 2019](#)