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FERTILIZER STATISTICS OVERVIEW

TANZANIA

2013 - 2017

2018 Edition

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Outline

1. Production
2. Imports
3. Exports
4. Origins
5. Agric. and non Agric. use
6. Consumption
7. NPK analysis
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Background Information

- An overview of fertilizer statistics in Tanzania from 2013 – 2017.
- More emphasis is given to the year 2017 and each analysis is based on the products with higher quantities.
- Data obtained from Tanzania Revenue Authority (TRA) and Tanzania Fertilizer Regulatory Authority (TFRA), validated by Fertilizer Technical Working Group – Tanzania (FTWG-TAN)
- 2017 data validated from the 8th – 9th May, 2018.

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Fertilizer Production

HS Code	Product	2013	2014	2015	2016	2017
2510000000	Phosphate Rock	-	-	35,000	2,300	10,168
3105510000	NPS	35,000	15,000		3,900	9,066
Total (mt)		**35,000**	**15,000**	**35,000**	**6,200**	**19,234**

Source: 2013 & 2014, 2016 & 2017 Minjingu Mines & Fertilizers Co. Ltd.
*2015 FTWG-TAN estimate

Comments

- Minjingu Mines and Fertilizer Limited produces Rock Phosphate branded as Minjingu Rock Phosphate (MRP) and NPS plus trace elements branded as Minjingu MAZAO in Tanzania.
- There is also lime supplement production by ABM equipment Services Limited and Poli General Trading and Supplies Limited.
- There are about four new blending plants that are being set up by different companies in the country.

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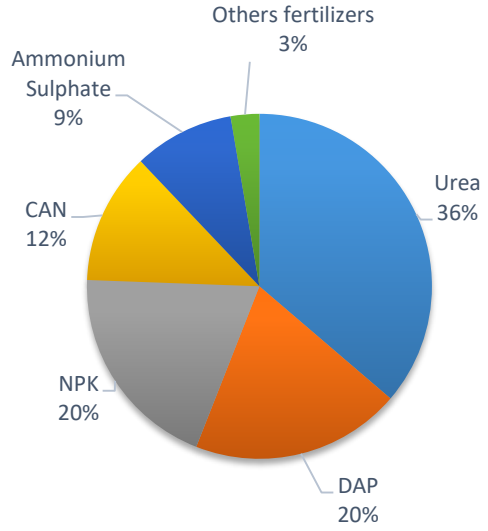
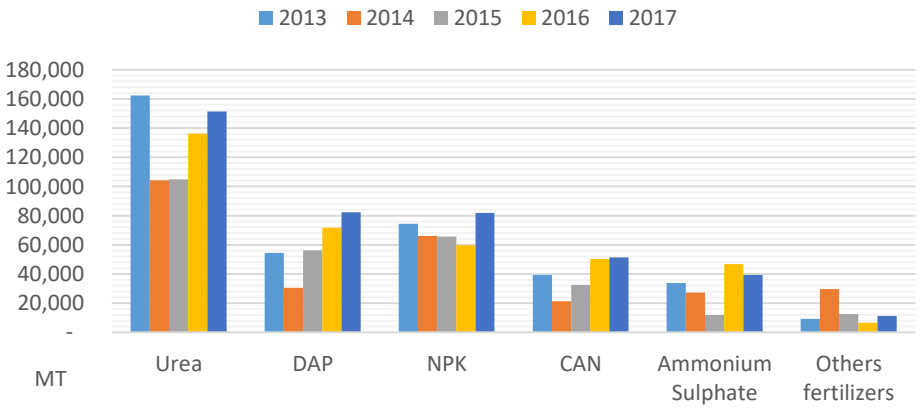
Fertilizer Imports

HS Code	Fertilizer Name	2013	2014	2015	2016	2017
3102100000	Urea	162,455	104,275	104,918	136,376	151,319
3105300000	DAP	54,390	30,616	56,205	71,677	82,207
3105200000	NPK	74,366	66,051	65,570	59,609	81,842
3102400000	CAN	39,399	21,304	32,592	50,378	51,450
3102210000	Ammonium Sulphate	33,782	27,342	11,811	46,699	39,222
	Others fertilizers	9,265	29,622	12,538	6,617	11,203
Total (mt)		**373,658**	**279,211**	**283,633**	**371,356**	**417,242**

TOP 5 IMPORTED FERTILIZERS 2017



TOP FERTILIZER IMPORTS PER YEAR



Comments

- Urea, DAP and NPK have been the most imported fertilizers to Tanzania over the years.
- There was a 12% increase in total fertilizer imports in 2017 as compared to 2016.

Other fertilizers includes products like; Calcium nitrate, MOP, TSP, etc

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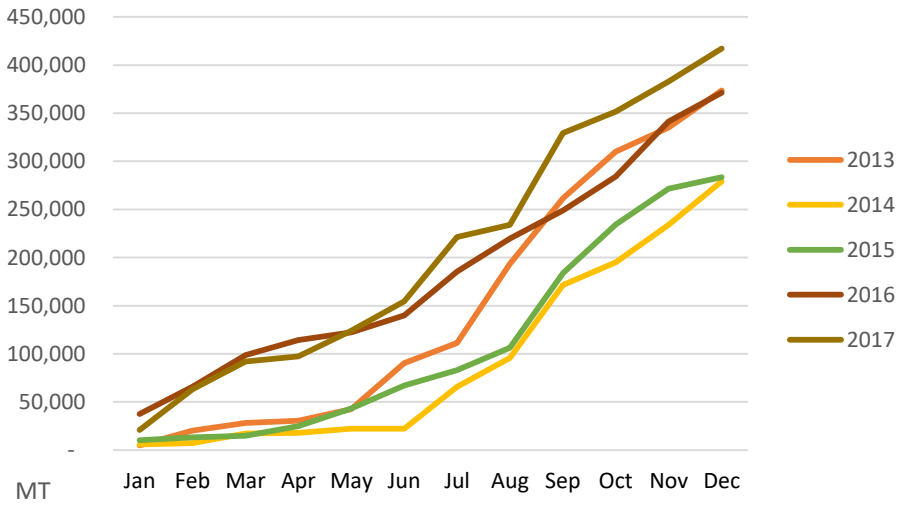
Fertilizer Monthly Imports

Quarter	2013	2014	2015	2016	2017
Q1	28,098	17,238	14,768	98,605	92,148
Q2	62,183	5,028	52,359	41,262	62,241
Q3	171,220	149,152	116,770	109,001	174,898
Q4	112,156	107,793	99,736	122,488	87,956
Total (mt)	**373,658**	**279,211**	**283,633**	**371,356**	**417,242**

TANZANIA FERTILIZER MONTHLY CUMULATIVE IMPORTS (2013-2017)



Comments

- In 2017, most fertilizers imported to Tanzania reach the port in the third quarter.
- Imports was at its peak in September (23% of all 2017 imports).

Crop Calendar

SEASON	CROPS	Jan	Feb	Mar	Apr	May	Jun	Jul	Jul	Aug	Sep	Oct	Nov	Dec
Major Season (Long Rains)	Maize	♦	♦									♦	♦	♦
	Sorghum			♦	♦									
	Millet	♦	♦											♦
	Rice	♦	♦	♦										
	Wheat		♦	♦										
	Bean			♦	♦									
Minor Season (Short Rains)	Maize, Millet, Sorghum, Beans, Rice, Wheat	♦	♦										♦	♦

Key: ♦ Fertilizer Peak Demand Sowing Growing Harvesting

Source : FAO/GIEWS

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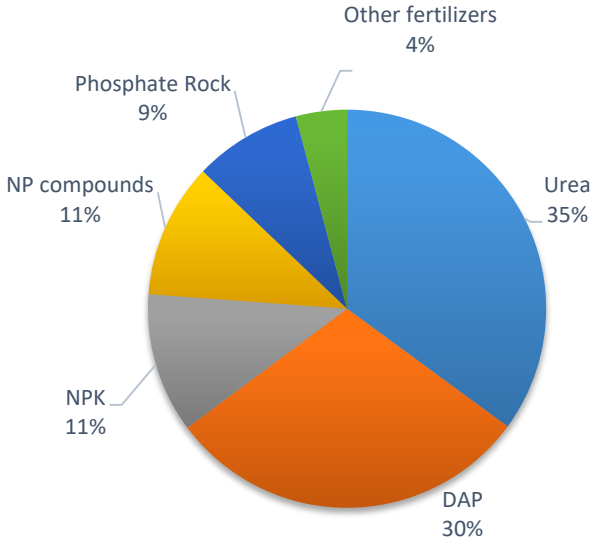
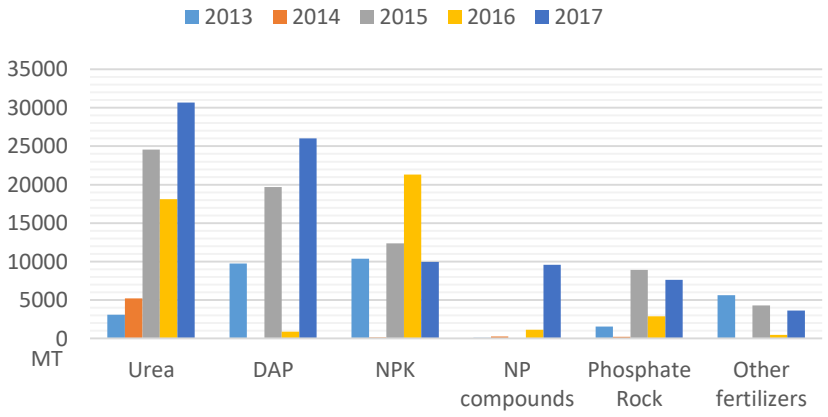
Fertilizer Exports

HS Code	Fertilizer Name	2013	2014	2015	2016	2017
3102100000	Urea	3,076	5,222	24,558	18,131	30,692
3105300000	DAP	9,756	-	19,682	887	26,019
3105200000	NPK	10,388	113	12,353	21,335	9,939
3105510000	NP compounds	96	270		1,149	9,591
2510000000	Phosphate Rock	1,553	207	8,896	2,860	7,637
	Other fertilizers	5,634	31	4,279	476	3,632
Total (mt)		**30,503**	**5,843**	**69,767**	**44,837**	**87,510**

2017 FERTILIZER EXPORTS



TOP FERTILIZER EXPORTS PER YEAR



Comments

- Total fertilizer exports from Tanzania increased by 95% in 2017.
- Exports were mostly to Burundi, Zambia, Kenya, Malawi, Rwanda and South Africa.

Other fertilizers includes products like; CAN, MOP, etc

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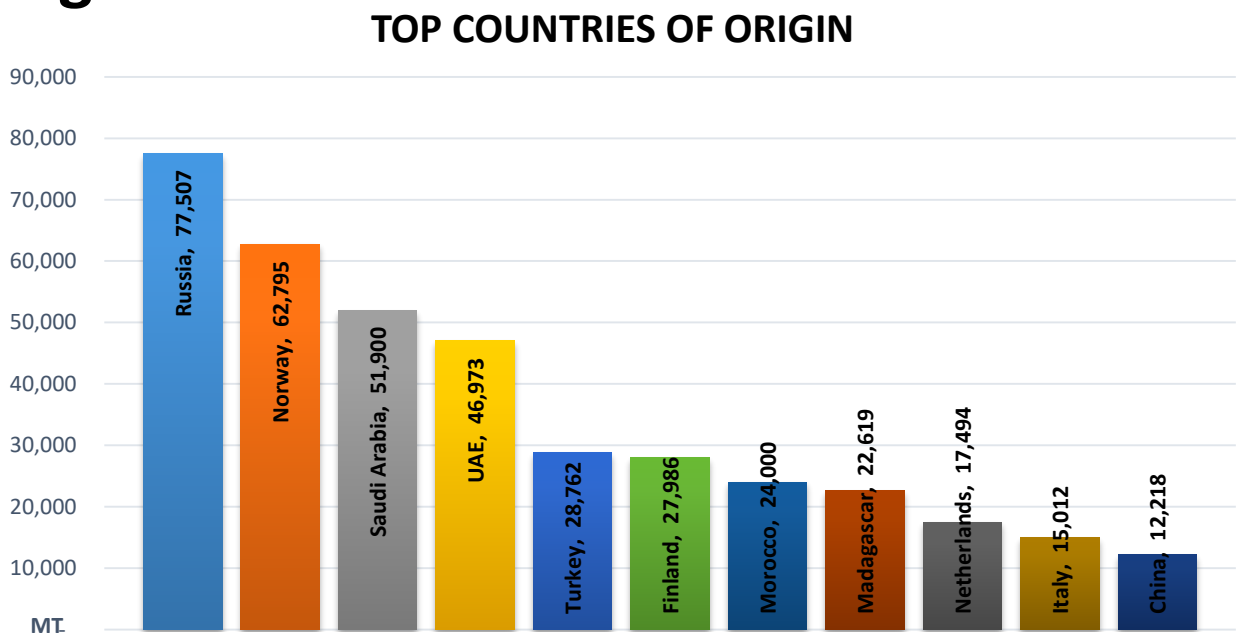
Fertilizer Origins



Countries of Origi	Russia	Norway	Saudi Arabia	UAE	Turkey	Finland	Morocco	Others
Urea	43%	18%	12%	8%	-	-	-	19%
DAP	-	-	41%	30%	-	-	29%	-
NPK	14%	42%	-	1%	0%	34%	-	8%
CAN	-	-	-	-	56%	-	-	44%
SoA	3%	-	-	19%	-	-	-	78%
Other fertilizers	-	16%	-	9%	-	-	3%	73%

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Agricultural and Non-agricultural Uses

Usage	2013		2014		2015		2016		2017	
	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%	Volume (MT)	%
Agriculture	373,658	96.1%	279,211	90.6%	283,633	89.4%	371,356	100.0%	417,242	100.0%
Industrial/Mines	15,273	3.9%	28,909	9.4%	33,461	10.6%	-	0.0%	-	0.0%
Total (MT)	**388,931**	**100.0%**	**308,120**	**100.0%**	**317,094**	**100.0%**	**371,356**	**100.0%**	**417,242**	**100.0%**

Comments

- Some fertilizer products can be used for both agricultural and industrial purpose depending on the importer.

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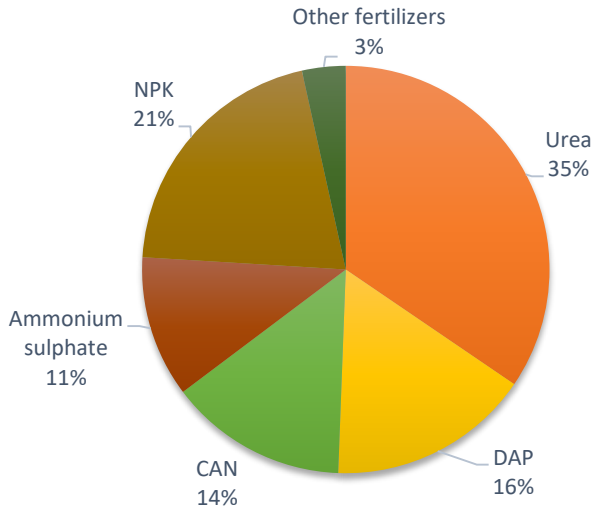
Fertilizer Apparent Consumption

HS Code	Fertilizer Name	2013	2014	2015	2016	2017
3102100000	Urea	152,198	98,953	80,360	118,245	120,627
3105300000	DAP	44,634	30,616	36,523	70,790	56,188
3102400000	CAN	39,129	21,289	29,792	50,378	49,450
3102210000	Ammonium sulphate	33,323	26,982	11,811	46,699	39,222
3105200000	NPK	69,508	65,938	43,026	38,181	71,903
	Other fertilizers	65,065	44,321	47,877	9,338	12,102
Total (mt)		**403,857**	**288,100**	**249,389**	**333,631**	**349,491**

2017 APPARENT CONSUMPTION

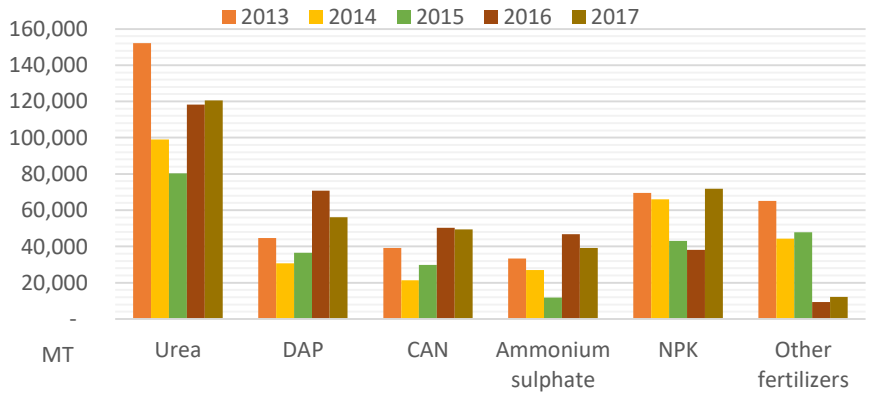


Comments

- Urea and DAP were the most apparently consumed fertilizers in Tanzania in 2017 (accounted for 51%).
- There was also an increase of 5% in 2017 as compared to 2016.

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

TOP FERTILIZER APPARENT CONSUMPTION PER YEAR (2013 – 2017)



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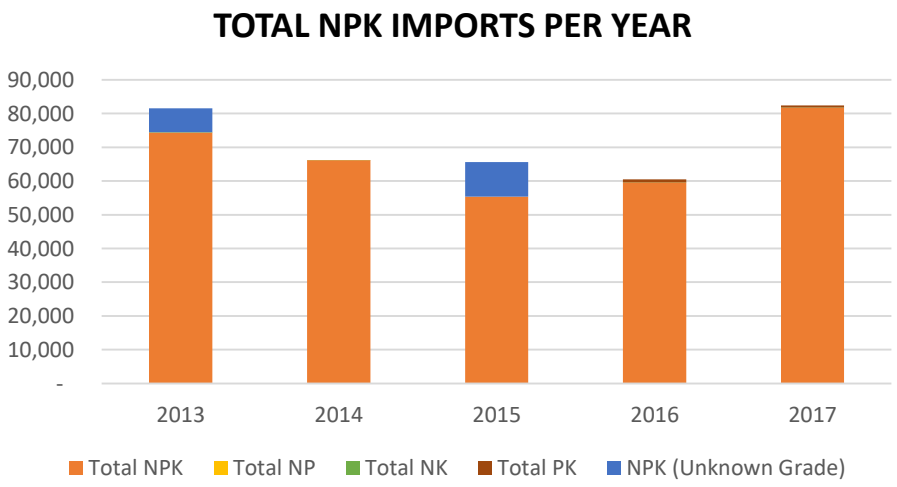
NPK Analysis

HS Code	Fertilizer Name	2013	2014	2015	2016	2017
3105200000	Total NPK	74,366	66,051	55,379	59,609	81,842
3105510000	Total NP	21	8	0		
3105700000	Total NK	24	-		4	3
3105600000	Total PK	-	115		870	502
3105900000	NPK (Unknown Grade)	7,161	-	10,191		
Total (mt)		**81,572**	**66,175**	**65,570**	**60,482**	**82,347**

Fertilizer Name	2017 Imports	Major Crops
NPK 17 17 17	20,978	Tea, Barley
NPK 10 18 24	19,850	
NPK 12 24 12	12,019	
NPK 22 6 12	11,001	
NPK 23 10 5	6,666	
NPK 15 9 20	5,584	
NPK 20 10 10	3,939	
others	2,309	
Total (mt)	**82,347**	

Comments

- Various grades of NPK (including NP, PK and NK are imported to Tanzania every year for direct use.
- There was a 36% increase in all NPK imports in 2017 as compared to previous year.



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Summary of 2017 Fertilizer Statistics for Tanzania

HS Code	Product	Production	Imports	Exports	Apparent
3102100000	Urea		151,319	30,692	120,627
3105200000	NPK		81,842	9,939	71,903
3105300000	DAP		82,207	26,019	56,188
3102400000	CAN		51,450	2,000	49,450
3102210000	Ammonium sulphate		39,222		39,222
3103101000	TSP		2,954		2,954
3102600000	Calcium nitrate		2,816		2,816
2510000000	Phosphate rock	10,168		7,637	2,531
3104200000	MOP		3,263	1,610	1,652
2834210000	Potassium nitrate		899		899
3105600000	PK compounds		502		502
3101000000	Organic Fertilizers		346	22	324
3105400000	MAP		209		209
3104300000	SOP		207		207
3102900000	Other N fertilizers		5		5
3105700000	NK compounds		3		3
3105510000	NP compounds	9,066		9,591	0
Total (mt)		**19,234**	**417,242**	**87,510**	**349,491**

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Participants of 2018 FTWG

Name	Institution	Position	Email
Mselem Zuberi Seleman	MoAL&F	Agricultural Officer	senzia5@yahoo.com
Daudi Siarra	TFC	Commercial Manager	dsiarra@yahoo.com
Franks Kamhabwa	MoA	Consultant	kahambwafranks@yahoo.co.uk
Viola Kenduiywa	IFDC	Junior Fertilizer Market Analyst	vkenduiywo@ifdc.org
Mary Maina	IFDC	Junior Fertilizer Market Analyst	mmaina@ifdc.org
Samuel Ali	IFDC	Junior Fertilizer Market Analyst	sali@ifdc.org
Gyasi Fred	IFDC	Fertilizer Statistics Specialist	fgyasi@ifdc.org
Grace Chilande	IFDC	Fertilizer Market Specialist	gchilande@ifdc.org
Absent with Apologies			
Beatrice Rwegoshora	NBS	CountrySTAT IT focal point	beatrice.rwegoshora@nbs.go.tz
Jillahoma Mussa	NBS	CountrySTAT National Coordinator	jillahoma.mussa@nbs.go.tz
Juma Mwinyihaji	TRA	Statistician	jmwinyihaji@training.go.tz
Nganga Nkonya	TFRA	Statistician	ntemizeph@yahoo.com

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About this overview

The data in this overview comes from the Fertilizer Technical Working Groups in partnership with CountrySTAT Tanzania.

Read the May 2018 workshop report.