

MINISTRY OF HEALTH
PHARMACY DIVISION
STOCK STATUS REPORT AS AT 1st August 2019
A Publication of The Ministry of Health Uganda

The purpose of this report is to inform the Ministry of Health and all stakeholders of the stock levels in the country as a tool that enables appropriate logistics decision making. This report highlights stock status, real challenges, bottlenecks but also recommends potential solutions to mitigate stock outs and expiries of ARVs & HIV test kits, ACTs, Anti-TB medicines, Reproductive Health items, selected Laboratory commodities, Vaccines and selected medicines for treatment of Opportunistic Infections In the Republic of Uganda

This report serves to:

- Act as an early warning indicator for potential stock outs and possible expiries of EMHS
- Identify challenges and recommendations to avert supply interruptions
- Encourage preparation and sharing of joint supply plans with stakeholders
- Identify strategies for regularly reviewing supply plans for all the commodities
- Encourage donors to honour their commitments in terms of quantities of products expected, timeliness of deliveries and flexibility.

Summary of the stock status report as of 1st August 2019

This is the 1st August 2019 stock status report updated with as much information as was available as of 31st July 2019. Warehouse data utilized includes information from NMS, JMS and MAUL.

Antiretroviral medicines

The PNFP sector: JMS is well stocked with most of the commodities having over 3 months of stock except TDF/3TC/DTG 300/300/50mg tablets. Inter-warehouse transfer has been initiated for 3.3 MOS of TDF/3TC/DTG 300/300/50mg from NMS to JMS. MAUL is well stocked with ARVs having more than 3 MOS except for ABC/3TC 600/300mg and LPV/r 100/25mg with less than 3 MOS. Shipments to MAUL are expected for ABC/3TC 600/300mg (5.1 MOS) and LPV/r 100/25mg (4.3 MOS) by end of August 2019.

The public sector: NMS is fairly stocked with ARV medicines having more than 3 MOS except ATV/r 300/100mg and LPV/r 40/10mg pellets. Shipment for ATV/r 300/100mg (2.1 MOS) is expected in August 2019. Stock is available in country for TDF/3TC/DTG 300/300/50mg (2,897,955 packs), TDF/3TC/EFV 300/300/600mg (2.5 MOS), ABC/3TC 600/300mg (2.5 MOS), LPV/r 40/10mg pellets (10.1 MOS), ABC/3TC 120/60mg (2.3 MOS) and EFV 200mg (1.4 MOS) awaiting transfer to NMS. Public sector stock under the PEPFAR \$ 65m support is available at JMS and MAUL to be transferred upon tranche requests from NMS. Shipments are expected from Global Fund, PEPFAR and GOU to ensure adequate stock availability through 2019.

Anti malaria medicines and supplies

Public sector: NMS is well stocked with AL formulations. There is an over stock for Artesunate and low stock levels of malaria RDTs at NMS. Shipment for malaria RDTs (8.6 MOS) is expected by end of August 2019.

PNFP sector: At JMS, AL 6*3 and AL 6*4 are well stocked with more than 3 MOS. There is an over stock of AL 6*1 (9.3 MOS) and low stock levels of AL 6*2, Artesunate 60mg powder for injection and malaria RDTs.

There is ongoing inter-warehouse transfer of 300,000 vials of artesunate 60mg powder for injection from NMS to JMS. Shipment for malaria RDTs (2.7 MOS) is expected by end of August 2019.

There is increased consumption of malaria commodities following an upsurge of malaria cases in the country.

Laboratory commodities

Public sector: HIV test kits are adequately stocked (above 3 MOS) at NMS.

PNFP sector: HIV determine test kits and stat pack are well stocked (above 3 MOS) at JMS. JMS has low stock levels of SD Bioline, HIV syphilis Duo and Oraquick and a stock out of CD4+ commodities. MAUL is fairly stocked with HIV test kits.

There are low stock levels of CD4+ commodities at MAUL.

Hepatitis B testing kits and TB sputum containers at NMS are well stocked with more than 3 MOS.

Viral load testing kits and EID commodities (at UNHLS), CD4+ reagents, GeneXpert cartridges and TB LAM test kits (at NMS) have low stock levels. Efforts are underway for PEPFAR to frontload shipments under COP 19 to mitigate the stock out of Viral Load and EID commodities. Shipments for GeneXpert cartridges (2.1 MOS) and TB LAM (2.5 MOS) are expected in October 2019.

Medicines for opportunistic infections

At NMS, Fluconazole suspension is well stocked with more than 3 MOS. There are low stock levels of Fluconazole 200mg and a stock-out of Fluconazole IV infusion. Shipment for Fluconazole 200mg tablets (8.1 MOS) is expected by end of August 2019. Fluconazole I.V infusion (5.1 MOS) is expected from Diflucan Partnership Program. However this is pending confirmation of delivery date due its current stock out at Diflucan Partnership Program.

There is a stock out of Cotrimoxazole 960mg and low stock levels of Cotrimoxazole 120mg at NMS. Shipments for Cotrimoxazole 120mg (4.0 MOS) and Cotrimoxazole 960mg (3.9 MOS) are expected from Global Fund in August and September 2019 respectively.

JMS has sufficient stock of fluconazole 200mg tablets and Fluconazole IV infusion. There are low stock levels of (< 3 MOS) of Fluconazole suspension. Inter-warehouse transfer from NMS to JMS initiated for Fluconazole suspension (5.0 MOS). Cotrimoxazole 120mg is well stocked at JMS with more than 3 MOS. However, there are low stock levels of Cotrimoxazole 960mg of less than 3MOS. Orders for opportunistic infection medicines have been submitted to GHSC but the delivery dates have not yet been confirmed.

Cotrimoxazole formulations are well stocked at MAUL with more than 3 MOS. Fluconazole IV infusion and fluconazole suspension are well stocked with more than 3 MOS, however there are low stock levels Fluconazole 200mg tablets at MAUL.

Vaccines

Vaccines have low stock level of less than 3 MOS except for Measles& Rubella, BOPV, IPV,Tetanus & Diphtheria vaccine, PCV vaccines.

Shipments for Penta vaccine (3.6 MOS) and Rota vaccine(3.6 MOS) are expected by end of August 2019. Shipments for BCG (2.3 MOS) and IPV (1.2 MOS) are expected in September 2019.

Reproductive health commodities

Reproductive health commodities at NMS are fairly well stocked above 3 MOS except Implanon NXT, Jadele and Male condoms. Inter-warehouse transfer of Implanon NXT and Jadelle is to be initiated once shipments are received at JMS. Stock of Male condoms (91 million) is expected from Global Fund and is to be shared with JMS. Further orders of 174 million condoms have been placed under Global Fund, with the first delivery of 44 million scheduled for November 2019.

Reproductive health commodities at JMS are fairly stocked above 3 MOS except Implanon NXT, Male condoms and ECP. Shipments for 2.4 MOS of Implanon NXT and 2.4 MOS of ECP are expected by end of August 2019. Stock of Levoplant (39,750) is available at JMS for distribution to MSI, PSIU and RHU. Shipment for male condoms (3.3 MOS) was received in country and is undergoing post shipment testing by NDA.

Shipments for male condoms, DPMA-IM, Levonorgestrel 75mg/rod, Etonorgestrel 68mg/rod, levonorgestrel 1.5 mg, Levonorgestrel 30 mcgs, female condoms and IUDs are expected from USAID, GF and UNFPA. Orders for Microlut, Jadelle, Sayana and Implanon NXT have been shared with GHSC and are pending confirmation of delivery dates.

Anti-Tuberculosis medicines

First Line TB medicines have low stock levels of less than 9 MOS except for RH 75/50mg. Shipments for RH 150/75 mg (6.3 MOS), Ethambutol 100mg (7.9 MOS) and RHZE 150/75/400/275mg (4.6 MOS) are expected from GDF in October 2019.

MDR TB Medicines have low stock levels of less than 9 MOS except for Ethionamide 250mg, Pyrazinamide 400mg, Kanamycin 1g Injection and Isoniazid 300mg. Shipments for Levofloxacin 250mg (4.9 MOS), Clofazimine 100mg (6.9 MOS) and Linezolid 600 mg (19.6 MOS) are expected in August 2019. A shipment of Cycloserine 250mg (9.8 MOS) is expected in September 2019. Shipments of 156 and 85 patient courses of Bedaquiline are expected in September 2019 and November 2019 respectively. Oral medicines like Isoniazid 300mg, Ethambutol 400mg and Pyrazinamide 400mg will be replaced by more efficacious formulations like Linezolid 600mg and Clofazimine 100mg.

Injectables; Kanamycin, Amikacin and Capreomycin are to be phased out following WHO recommendation of exclusive use of Oral MDR-TB regimens.

A detailed account is given below for selected commodities per warehouse.

Key to colour coding in tables

Adequately stocked	3-6 MOS	with blue text
Understock	< 3 MOS	with red text
Overstock	> 6 MOS	with black text
Commodity not in use		
New commodity		

Antiretroviral Medicines									
A : National Medical Stores -Adult Formulations Stock Status									
Product Name	Unit of measure	Closing Bal at 31st July 2019	AMC July 2019	Months of Stock at the end of the month					
				Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Adult first line formulations									
Efavirenz/Lamivudine/Tenofovir 600/300/300mg	1*30 tabs	964,782	469,203	2.1	3.6	2.6	1.6	0.6	0.0
Dolutegravir/Lamivudine/Tenofovir 50/300/300mg	1*30 tabs	837,213	303,279	2.8	11.3	10.3	12.7	15.0	14.0
Lamivudine/Zidovudine/Nevirapine 150/300/200mg	1*60 tabs	424,299	96,424	4.4	3.4	2.4	1.4	0.4	
Lamivudine/Zidovudine 150/300mg	1*60 tabs	234,894	45,809	5.1	4.1	3.1	2.1	1.1	0.1
Tenofovir DF/Lamivudine 300/300mg	1*30 tabs	491,479	66,748	7.4	6.4	5.4	4.4	3.4	2.4
Dolutegravir 50mg	1*30 tabs	27,562	8,325	3.3	6.8	5.8	6.8	8.0	7.0
Nevirapine 200mg	1*60 Tabs	173,476	22,300	7.8	6.8	5.8	13.4	12.4	11.4
Efavirenz 600mg	1*30 tabs	509,466	56,587	9.0	8.0	7.0	6.0	5.0	4.0
Adult second line formulations									
Abacavir/Lamivudine, Scored, 600/300mg	1*30 tabs	53,501	19,277	2.8	5.8	4.8	8.9	7.9	6.9
Atazanavir/Ritonavir 300/100mg	1*30 tabs	53,730	34,622	1.6	2.1	2.8	4.8	3.8	2.8
Lopinavir/Ritonavir 200/50mg	1*120 tabs	55,188	15,695	3.5	15.2	18.0	22.9	21.9	20.9
Min 3MOS, Max 6MOS									
Notes: Adult ARVs at NMS									
Adult formulations are fairly stocked with more than 3 MOS except for ATV/r 300/100mg with low stock levels of less than 3 MOS. Shipment of 2.1 MOS of ATV/r 300/100mg is expected in August 2019. Stock is available in country for TDF/3TC/DTG 300/300/50mg (2,897,955 packs), TDF/3TC/EFV 300/300/600mg (2.5 MOS) and ABC/3TC 600/300mg (2.5 MOS). Supply plan for AZT/3TC 300/150mg (3.2 MOS), TDF/3TC/EFV 300/300/600mg (1.0 MOS) and TDF/3TC 300/300 mg (2.9 MOS) shared with NMS for part of the Funding from GOU for FY 2019/20									

A:National Medical Stores -Paediatric Formulations Stock Status

Product Name	Unit of measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Paediatric first line formulations									
Abacavir/Lamivudine 120/60mg	1*30 tabs	571,415	58,951	9.7	11.0	10.0	13.2	12.2	11.2
Lamivudine/Zidovudine/Nevirapine 30/60/50mg	1*60 tabs	142,931	21,078	6.8	8.2	10.1	9.1	8.1	7.1
Lamivudine/Zidovudine 30/60mg	1*60 tabs	61,730	10,484	5.9	8.5	7.5	6.5	5.5	4.5
Nevirapine 10mg/ml 100 ml	1 bottle	36,791	6,419	5.7	11.5	16.3	15.3	14.3	13.3
Nevirapine 50mg	1*30 tabs	25,230	9,686	2.6	7.3	6.3	16.6	15.6	14.6
Efavirenz 200mg	1*90 tabs	21,324	10,008	2.1	6.5	5.5	4.5	3.5	2.5
Paediatric Second line formulations									
Lopinavir/Ritonavir 100/25mg	1*60 tabs	53,946	14,042	3.8	2.8	8.2	7.2	6.2	7.9
Lopinavir/Ritonavir 40/10mg (oral pellets)	1*120 caps	8,505	4,589	1.9	11.0	10.0	9.0	8.0	7.0

Min 3MOS, Max 6MOS

Notes: NMS ARVs stock status for paediatric formulations

Pediatric ARV medicines are well stocked at NMS with more than 3 MOS.
 Stock is available in country at JMS for LPV/r 40/10mg pellets (10.1 MOS), ABC/3TC 120/60mg (2.3 MOS) and EFV 200mg (1.4 MOS).
 Consumption of LPV/r and ABC/3TC based formulations is expected to increase following regimen optimization for Children.
 Consumption of AZT/3TC/NVP 60/30/50mg and NVP 50mg is expected to reduce following transition to LPV/r and DTG based regimens.

Stock status for Public sector PEPFAR stock

Product Name	Unit of measure	Closing Bal at 31st July 2019 at JMS	Closing Bal at 31st July 2019 at MAUL	Closing Bal at 31st July 2019 at NMS	Total USG central level Stock available	Commodity NMS MOS	Pipeline from PEPFAR	Pipeline MoS
Abacavir/Lamivudine 120/60mg	1*30 tabs	134,534			134,534	2.3	247,248	4.2
Abacavir/Lamivudine, Scored, 600/300mg	1*30 tabs	47,308	-	2	47,310	2.5	99,000	5.1
Atazanavir/Ritonavir 300/100mg	1*30 tabs			35,608	35,608	1.0	103,392	3.0
Efavirenz 200mg	1*90 tabs	13,548		21,324	34,872	3.5	39,717	4.0
Efavirenz 600mg	1*30 tabs			113,690	113,690	2.0		-
Efavirenz/Lamivudine/Tenofovir 600/300/300mg	1*30 tabs	1,190,369		653,494	1,843,863	3.9		-
Dolutegravir/Lamivudine/Tenofovir 50/300/300mg	1*30 tabs	688,597		1,281	689,878	3.7	1,031,760	3.4
Dolutegravir 50mg	1*30 tabs				-	-	18,220	2.2
Lamivudine/Zidovudine 30/60mg	1*60 tabs	3,605			3,605	0.3	33,920	3.2
Lopinavir/Ritonavir 100/25mg	1*60 tabs				-	-	71,040	5.1
Lopinavir/Ritonavir 200/50mg	1*120 tabs	75,681			75,681	4.8	178,422	11.4
Lopinavir/Ritonavir 40/10mg (oral pellets)	1*120 caps	46,413			46,413	10.1		-
Nevirapine 10mg/ml 100 ml	1 bottle	33,764		16,264	50,028	7.8	36,645	5.7
Nevirapine 50mg	1*30 tabs				-	-	35,315	3.6
Zidovudine 300mg	1*60 tabs	2,000			2,000			-

Note: All public sector stock at JMS and MAUL has been reflected under NMS stock status.

B : Joint Medical Stores -Adult Formulations Stock Status			Months of Stock at the end of the month						
Product Name	Unit of measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Adult first line formulations									
Efavirenz/Lamivudine/Tenofovir 600/300/300mg	1*30 tabs	360,570	47,831	7.5	6.5	5.5	4.5	3.5	2.5
Dolutegravir/Lamivudine/Tenofovir 50/300/300mg	1*30 tabs	130,151	63,774	2.0	4.3	3.3	2.3	1.3	0.3
Lamivudine/Zidovudine/Nevirapine 150/300/200mg	1*60 tabs	21,316	5,943	3.6	2.6	1.6	0.6		
Lamivudine/Zidovudine 150/300mg	1*60 tabs	9,222	2,759	3.3	2.3	1.3	0.3	0.0	0.0
Tenofovir DF/Lamivudine 300/300mg	1*30 tabs	43,015	8,624	5.0	10.8	9.8	8.8	7.8	6.8
Dolutegravir 50mg	1*30 tabs	4,570	885	5.2	4.2	3.2	2.2	1.2	7.0
Nevirapine 200mg	1*60 Tabs	17,845	2,241	8.0	7.0	6.0	5.0	4.0	3.0
Efavirenz 600mg	1*30 tabs	53,037	2,413	22.0	21.0	20.0	19.0	18.0	17.0
Adult second line formulations									
Abacavir/Lamivudine, Scored, 600/300mg	1*30 tabs	13,460	3,218	4.2	6.9	10.1	9.1	11.3	10.3
Atazanavir/Ritonavir 300/100mg	1*30 tabs	61,150	4,784	12.8	11.8	16.6	15.6	14.6	13.6
Lopinavir/Ritonavir 200/50mg	1*120 tabs	33,556	3,191	10.5	16.8	15.8	14.8	13.8	12.8
Min 3MOS, Max 6MOS									
Notes: JMS Adult formulations									
Adult ARV formulations are well stocked at JMS with more than 3 MOS except for TDF/3TC/DTG 300/300/50mg with less than 3 MOS. Inter-warehouse transfer of 3.3 MOS of TDF/3TC/DTG 300/300/50mg has been initiated from NMS to JMS. There is planned transfers of some stock for TLD from NMS to JMS when stock status for TLD drops below 3 MOS.									
Orders for TDF/3TC/DTG 300/300/50mg and AZT/3TC 300/150mg have been shared with Global Health Supply Chain (GHSC) for placement.									

B : Joint Medical Stores -Paediatric Formulations Stock Status			Months of Stock at the end of the month						
Product Name	Unit of measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Paediatric first line formulations									
Efavirenz 200mg	1*90 tabs	14,950	774	19.3	18.3	17.3	16.3	15.3	14.3
Abacavir/Lamivudine 120/60mg	1*30 tabs	40,747	5,651	7.2	6.2	9.3	8.3	7.3	6.3
Lamivudine/Zidovudine/Nevirapine 30/60/50mg	1*60 tabs	35,897	1,500	23.9	22.9	21.9	20.9	19.9	18.9
Lamivudine/Zidovudine 30/60mg	1*60 tabs	7,414	532	13.9	12.9	11.9	10.9	9.9	8.9
Nevirapine 10mg/ml 100 ml	1 bottle	5,142	1,012	5.1	4.1	7.1	6.1	5.1	4.1
Nevirapine 50mg	1*30 tabs	1,072	1,777	0.6	0.0	0.0	0.0	0.0	0.0
Paediatric second line formulations									
Lopinavir/Ritonavir 100/25mg	1*60 tabs	11,942	2,467	4.8	3.8	2.8	1.8	0.8	0.0
Lopinavir/Ritonavir 40/10mg (oral pellets)	1*120 caps	111	554	0.2	6.8	5.8	4.8	3.8	2.8

Min 3MOS, Max 6MOS

Notes: JMS paediatric formulations

There is an overstock of EFV 200 mg, ABC/3TC 120/60mg, AZT/3TC 60/30 mg and AZT/3TC/NVP 60/30/50mg. There are low stock levels of NVP 50mg tablets with less than 3 MOS. Inter-warehouse transfer of NVP 50mg is to be initiated for NVP 50mg from NMS to JMS. There is planned transfer of stock for LPV/r 100/25mg from NMS to JMS once stock is received at NMS as we wait order confirmation from PSM.

Order for LPV/r 100/25mg and LPV/r 40/10mg have been placed through GHSC, however pending confirmation of actual delivery dates.

Consumption of NVP 50mg and AZT/3TC/NVP 60/30/50mg tablets is expected to reduce following transition to LPV/r and DTG based regimens.

C : Medical Access Uganda Limited-Adult Formulations Stock Status

			Months of Stock at the end of the month						
Product Name	Unit of measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Adult first line formulations									
Efavirenz/Lamivudine/TDF 600/300/300mg	1*30 tabs	911,187	96,125	9.5	8.5	7.5	6.5	5.5	4.5
Dolutegravir/Lamivudine/Tenofovir 50/300/300mg	1*30 tabs	351,631	86,928	4.0	5.0	4.0	3.0	2.0	1.0
Lamivudine/Zidovudine/Nevirapine 150/300/200mg	1*60 tabs	119,251	12,817	9.3	8.3	7.3	6.3	5.3	4.3
Lamivudine/Zidovudine 150/300mg	1*60 tabs	139,155	11,040	12.6	11.6	10.6	9.6	8.6	7.6
Tenofovir DF/Lamivudine 300/300mg	1*30 tabs	212,618	21,309	10.0	9.0	8.0	7.0	6.0	5.0
Nevirapine 200mg	1*60 tabs	42,385	5,241	8.1	7.1	6.1	5.1	4.1	3.1
Dolutegravir 50mg	1*30 tabs	20,251	3,339	6.1	5.1	4.1	3.1	2.1	1.1
Efavirenz 600mg	1*30 tabs	9,350	7,383	1.3	0.3				
Adult second line formulations									
Abacavir/Lamivudine, Scored, 600/300mg	1*30 tabs	14,548	9,508	1.5	5.6	4.6	3.6	2.6	1.6
Atazanavir/Ritonavir 300/100mg	1*30 tabs	83,569	15,144	5.5	4.5	3.5	2.5	1.5	0.5
Lopinavir/Ritonavir 200/50mg	1*120 tabs	32,358	9,309	3.5	7.9	6.9	5.9	4.9	3.9

Min 3MOS, Max 6MOS

Notes: ARV Adult formulations at MAUL

ARV adult formulations are well stocked with more than 3 MOS expected for ABC/3TC 600/300mg.
 Shipment for ABC/3TC 600/300mg (5.1 MOS) is expected in August 2019.
 Order needs to be placed for TDF/3TC/DTG 300/300/50mg, DTG 50mg, ATV/r 300/100mg and ABC/3TC 600/300mg.

C : Medical Access Uganda Limited Paediatric Formulations Stock Status

			Months of Stock at the end of the month						
Product Name	Unit of measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Paediatric first line formulations									
Efavirenz 200mg	1*90 tabs	17,826	1,808	9.9	8.9	7.9	6.9	5.9	4.9
Abacavir/Lamivudine 120/60mg	1*30 tabs	51,862	11,796	4.4	7.1	6.1	5.1	4.1	3.1
Lamivudine/Zidovudine/Nevirapine 30/60/50mg	1*60 tabs	64,516	2,896	22.3	21.3	20.3	19.3	18.3	17.3
Lamivudine/Zidovudine 30/60mg	1*60 tabs	22,816	2,159	10.6	9.6	8.6	7.6	6.6	5.6
Nevirapine 10mg/ml, 100 ml	1 bottle	9,850	1,207	8.2	7.2	6.2	5.2	4.2	3.2
Nevirapine 50mg	1*30 tabs	12,174	1,943	6.3	5.3	4.3	3.3	2.3	1.3
Paediatric second line formulations									
Lopinavir/Ritonavir 100/25mg	1*60 tabs	11,334	5,541	2.0	5.4	4.4	3.4	5.3	4.3
Lopinavir/Ritonavir 40/10mg (oral pellets)	1*120 caps	27,861	4,547	6.1	7.3	8.5	9.4	8.4	7.4

Min 3MOS, Max 6MOS

Notes: ARV paediatric medicines at MAUL

ARV pediatric formulations are well stocked with more than 3 MOS except for LPV/r 100/25mg.

Shipment for LPV/r 100/25mg (4.3 MOS) is expected by end of August 2019.

D. Third Line ARVS Stock Status at Medical Access Uganda Limited			Months of Stock at the end of the month						
Product description	Pack Size	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Etravirine (Intelligence) 100mg	1*120 tabs	483	152	3.2	16.7	19.3	18.3	17.3	16.3
Ritonavir (Norvir) 100mg	1*60 tabs	1,623	376	4.3	3.8	9.3	8.3	7.3	6.3
Raltegravir (Isentress) 400mg	1*60 tabs	2,108	286	7.4	6.4	5.4	16.0	15.0	14.0
Darunavir (Prezista) 600mg	1*60 tabs	1,194	357	3.3	7.0	11.2	10.2	9.2	8.2

Notes: Third line ARVs at MAUL

Third line ARVs are well stocked at MAUL with more than 3 MOS.

E: Third Line ARVS Stock Status at National Medical Stores			Months of Stock at the end of the month						
Product description	Pack Size	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Etravirine (Intelligence) 100mg	1*120 tabs	65	61	1.1	24.4	23.4	22.4	21.4	20.4
Ritonavir (Norvir) 100mg	1*60 tabs	2,097	308	6.8	12.2	12.2	11.2	12.8	21.1
Raltegravir (Isentress) 100mg	1*60 tabs	2,571	1,342	1.9	3.1	6.8	5.8	4.8	4.2
Raltegravir (Isentress) 400mg	1*60 tabs	4,520	442	10.2	18.6	17.6	16.6	18.5	17.6
Darunavir (Prezista) 600mg	1*60 tabs	296	226	1.3	6.0	5.0	4.0	3.0	12.7
Darunavir 150mg	1*240 tabs	42	22	1.9	4.7	3.7	14.3	13.3	12.3
Darunavir 75mg	1*480 tabs	-	1	0.0	0.0	13.0	12.0	11.0	10.0

Notes: Third line ARVs at NMS

RTV 100mg is well stocked with more than 3 MOS. There is an overstock of RAL 400 mg and low stock levels of DRV 600mg and DRV 150mg. There is a stock out of DRV 75mg. Stock is available in country at MAUL for ETR 100mg (4.4MOS) and DRV 600mg (1.7 MOS). Shipment for DRV 150mg (3.8 MOS) and DRV 75mg are expected by end of August and September 2019 respectively. Consumption of third line commodities is expected to increase following enrolment of more patients on third line regimens.

Antimalarial Medicines

A: National Medical Stores-Malaria Commodities Stock Status

Category	Unit of measure (Pack)	Closing Bal at 31st July 2019	Months of Stock at the end of the month						
			AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Artemether 20mg + Lumefantrine 120mg (6's)	1*30 strips	104,751	14,420	7.3	10.2	10.3	10.3	11.4	10.4
Artemether 20mg + Lumefantrine 120mg (12's)	1*30 strips	21,533	2,919	7.4	6.4	5.4	4.4	3.4	2.4
Artemether 20mg + Lumefantrine 120mg (18's)	1*30 strips	22,875	2,982	7.7	6.7	5.7	4.7	3.7	2.7
Artemether 20mg + Lumefantrine 120mg (24's)	1*30 strips	207,749	35,840	5.8	7.3	6.3	6.4	6.4	5.4
Artesunate 60mg Powder for Injection, 1 vial	1 vial	2,326,152	154,594	15.0	16.0	15.0	14.0	13.0	12.0
Malaria laboratory commodities									
Malaria Antigen Rapid tests	1*25 tests	200,163	81,627	2.5	10.1	10.5	10.9	11.0	10.0

Notes: Malaria Commodities at NMS

AL formulations are well stocked at NMS with more than 3 MOS. There are low stock levels of malaria RDTs and an over stock of Artesunate 60mg powder for injection. Shipment for malaria RDTs (8.6 MOS) is expected by end of August 2019. There is increased consumption of malaria commodities following an upsurge of malaria cases. Some of the stock for AL 6*1 meant to be for routine distribution to be used for ICCM program.

B: Joint Medical Stores-Malaria Commodities Stock Status

Category	Unit of measure (Pack)	Closing Bal at 31st July 2019	Months of Stock at the end of the month						
			AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Artemether 20mg + Lumefantrine 120mg (6's)	1*30 strips	12,844	1,382	9.3	8.3	7.3	6.3	8.9	7.9
Artemether 20mg + Lumefantrine 120mg (12's)	1*30 strips	2,720	1,871	1.5	0.5	2.3	1.3	0.3	2.4
Artemether 20mg + Lumefantrine 120mg (18's)	1*30 strips	5,482	939	5.8	4.8	3.8	8.1	7.1	6.1
Artemether 20mg + Lumefantrine 120mg (24's)	1*30 strips	18,054	2,954	6.1	5.1	4.1	3.1	2.1	1.1
Artesunate 60mg Powder for Injection, 1 vial	1 vial	216,040	87,399	2.5	4.9	3.9	2.9	1.9	0.9
Malaria laboratory commodities									
Malaria Antigen Rapid tests	1*25 tests	18,281	9,387	1.9	3.6	2.6	4.9	3.9	2.9

Notes: JMS Malaria Stock status

AL 6*3 and AL 6*4 are well stocked with more than 3 MOS. There is an over stock of AL 6*1 (9.3 MOS). There are low stock levels of less than 3 MOS for AL 6*2, Artesunate 60mg powder for injection and malaria RDTs. There is ongoing inter-warehouse transfer of 300,000 vials of artesunate 60mg powder for injection from NMS to JMS. Shipment for malaria RDTs (2.7 MOS) is expected by end of August 2019. Order to be placed for AL 6*4 and malaria RDTs.

ICCM Program Stock status

National Medical Stores /UNICEF-ICCM Commodities Stock Status			Months of Stock at the end of the month						
Product Name	Unit of measure (Pack)	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Non-Malaria commodities									
Co-packaged ORS and zinc tablets (2 sachets ORS/10 tab zinc)	1 pack	321,927	57,133	5.6	4.6	3.6	2.6	1.6	11.5
Amoxicillin 250mg 1*10 Tablets	Pack of 10	123,411	107,722	1.1	3.6	2.6	1.6	0.6	5.3
Amoxicillin 250mg 1*20 Tablets	Pack of 20	123,129	108,064	1.1	3.6	2.6	1.6	0.6	2.1
Amoxicillin envelopes Red	Pack of 100	1,886	1,355	1.4	6.9	5.9	4.9	3.9	2.9
Amoxicillin envelopes Green	Pack of 100	1,886	1,355	1.4	6.9	5.9	4.9	3.9	2.9
Malaria commodities									
Artemether/Lumefantrine 20mg/120mg 6 pack	1*30 strips	23	4,529	0.0	0.0	2.0	1.0	0.0	0.0
Artemether/Lumefantrine 20mg/120mg 12 pack	1*30 strips	24,749	5,902	4.2	3.2	3.7	2.7	1.7	0.7
Malaria RDTs (Combined ICCM)	1*25 tests	54,592	17,038	3.2	2.2	1.2	0.2	0.0	5.8
ICCM supplies									
Safety Boxes	Piece	131,150	25,988	5.0	4.0	3.0	2.0	4.7	3.9
Examination gloves	Box of 50 pairs	58,619	9,236	6.3	5.3	4.3	3.3	2.3	4.1

Notes: ICCM commodities at NMS

Antimalarial commodities

AL 6*2 is fairly stocked with more than 3 MOS. There are low stock levels of malaria RDT and stock out of AL 6*1. Shipments for AL 6*1 (2.0 MOS) and AL 6*2 (1.5 MOS) are expected by end of August 2019. Shipment for malaria RDTs (5.8 MOS) is expected in Dec 2019. Some stock for AL 6*1 meant to be used for routine distribution is to be used for ICCM program. Order has been placed for AL 6*1 and AL 6*2 through GF however pending confirmation of delivery dates.

Non Malaria commodities

Co-packaged ORS and Zinc tablets are well stocked with more than 3 MOS. There are low stock levels of Amoxicillin formulations. Shipment for Amoxicillin 250mg 1*10 tablets (3.4 MOS) and Amoxicillin 250mg 1*20 tablets (3.4 MOS) are expected by end of August 2019.

Envelopes

There are low stock levels for envelopes for ICCM program. Stock for 6.5 MOS of red envelopes and 6.5 MOS of green envelopes is expected by end of August 2019.

ICCM supplies

Safety boxes and examination gloves are well stocked with more than 3 MOS.

A. CPHL Viral Load and EID Laboratory commodities									
Category	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Viral load commodities									
Roche Cobas AmpliPrep/Taqman (CAP/CTM) HIV-1Test, v2.0 48 Test-VL	48 Tests	535	195	2.7	1.7	0.7	0.0	0.0	0.0
Roche Cobas KIT COBAS 6800/8800 HIV 96T CE-IVD-VL	96 Tests	1,979	596	3.3	4.0	3.0	2.0	1.0	0.0
Abbott RealTime HIV-1 Amplification Reagent Kit,96Test,-VL	96 Tests	2,729	676	4.0	3.0	2.0	1.0	0.0	0.0
DBS collect. Kit VL sticker,50 Test, Single Use	50 Tests	9,659	1,660	5.8	4.8	3.8	2.8	1.8	0.8
Early Infant Diagnosis (EID) Commodities									
Roche Cobas@KIT CAP-G/CTMHIV-1 QAUL 48 test CE-IVD EID	48 Tests	486	382	1.3	0.3	2.8	1.8	0.8	0.0
DBS Collect.Kit for EID,50 Tests, Single Use	50 Tests	1,403	546	2.6	3.3	2.3	1.3	0.3	0.0
There are low stock levels of VL and EID commodities across all testing platforms. There is a high risk of stock out of VL and EID commodities at the end of October 2019. Efforts are underway with PEPFAR to frontload funding for the COP 19 to mitigate the stock out. The supply plan was shared with the procurement agents and we are waiting for the confirmation of order placement									

A: National TB Laboratory commodities									
			Months of Stock at the end of the month						
TB Laboratory commodities									
Category	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
GeneXpert cartridges	50 Tests	767	643	1.2	2.1	2.9	3.5	2.5	1.5
TB Sputum Containers	100pcs	29,642	2,603	11.4	10.4	9.4	8.4	7.4	6.4
Strong Carbol Fuschin 1000ml Solution (ZN)	1000 ML	3,340	323	10.3	9.3	8.3	7.3	6.3	5.3
MICROSCOPE SLIDES, FROSTED 76X26MM (TB only)	100 Tests	73,440	5,170	14.2	13.2	12.2	11.2	10.2	9.2
TB LAM Diagnostic KIT 100 Tests	100 Tests	44	90	0.5	2.5	1.5	3.0	2.0	1.0
								Min - 3; Max 6	Min - 3; Max 6
GeneXpert cartridges and TB LAM test kits have low stock levels of less than 3 MOS and are at risk of stocking out due to the implementation of surge and Advanced Disease Management. TB sputum containers, Microscope slides and ZN reagents are well stocked with more than 3 MOS.									

A: National Medical Stores Laboratory commodities PART A			Months of Stock at the end of the month						
HIV and CD4 Commodities									
Category	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
HIV test Kits									
Determine HIV-1/2 Complete Kit, 100 Tests	100 Tests	54,273	8,233	6.6	7.4	6.4	7.3	6.3	5.3
HIV, Stat-Pak HIV 1 / 2 Kit, 30 Tests	30 Tests	17,906	2,114	8.5	12.6	11.6	10.6	9.6	8.6
SD Bioline, HIV 1/2, Bioline 3.0 Kit	25 Tests	9,904	863	11.5	10.5	9.5	8.5	7.5	6.5
HIV/Syphilis Dou HIV 1/2, 25 Tests	25 Tests	36,120	7,067	5.1	6.5	5.5	4.5	3.5	2.5
CD4+ commodities									
Partec-CD4 % Easy Count Kit 100 tests	100 Tests	-	45	0.0	5.2	4.2	3.2	2.2	1.2
BD FACS PRESTO 100 Test s	100 Tests	201	60	3.4	2.4	1.4	0.4	0.0	0.0
Pima Analyzer CD4 Cartridge Kit, 100 tests	100 Tests	818	102	8.0	7.0	6.0	5.0	4.0	3.0
Crag LFA testing Kits 50 tests	50 Tests	313	110	2.8	6.2	5.2	4.2	3.2	2.2
									Min - 3; Max 6
All HIV test kits are adequately stocked with more than 3 MOS. Pima cartridges are also well stocked. A shipment of 9 MOS is expected for Partec at the end of August 2019. There is risk of stock out of BD Presto at the end of October 2019.									

A: NMS Laboratory Commodities PART B			Months of Stock at the end of the month						
Category	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Other commodities									
Blood Collection Tube, K2 EDTA, 4mL, Lav, 100 Pcs	100 pcs	43,515	3,191	13.6	12.6	11.6	10.6	9.6	8.6
Vacutainer Needle 21G	100 Tests	1,327	688	1.9	0.9	0.0	0.0	0.0	0.0
Syphilis testing devices, 30 tests	30 Tests	15,417	1,600	9.6	8.6	7.6	6.6	5.6	4.6
Hepatitis B Antigen screening Kits	50 Tests	70,756	3,064	23.1	22.1	21.1	20.1	19.1	18.1
									Min - 3; Max 6

Syphilis testing devices, Hepatitis B test kits and EDTA collection tubes are well stocked with more than 3 months of stock. Vacutainer Needles are at risk of stocking out by end of August 2019. Order needs to be placed for Vacutainer needles by NMS to avert the stock out.

A: Joint Medical Stores Laboratory commodities stock status			Months of Stock at the end of the month						
Category	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
HIV test kits									
Determine HIV-1/2 Complete Kit, 100 Tests	100 Tests	13,962	1,679	8.3	7.3	6.3	5.3	4.3	3.3
HIV, Stat-Pak HIV 1 / 2 Kit, 20 Tests	30 Tests	2,298	400	5.7	11.4	10.4	9.4	8.4	7.4
SD Bioline, HIV 1/2, Bioline 3.0 Kit	25 Tests	279	223	1.3	0.3	0.0	0.0	0.0	0.0
HIV/Syphilis Duo HIV 1/2,	25 Tests	223	384	0.6	15.0	14.0	13.0	12.0	11.0
Oraquick HIV test	50 Tests	34	77	0.4	0.0	0.0	4.7	3.7	2.7
CD4+ Commodities									
BD FACS Presto	100 Tests	-	15	0.0	0.0	0.0	0.0	0.0	0.0
Pima Analyzer CD4 Cartridge Kit, 100 tests	100 Tests	-	13	0.0	0.0	0.0	0.0	0.0	0.0
Crag LFA testing Kits 50 tests	50 Tests	-	10	0.0	0.0	0.0	0.0	0.0	0.0
Other commodities									
Blood Collection Tube, K2 EDTA, 4mL, Lav, 100 Pcs	100 Tests	477	1,310	0.4	0.0	0.0	0.0	0.0	0.0
Vacutainer Needle 21G	100 Tests	4,025	415	9.7	8.7	7.7	6.7	5.7	4.7
Min - 3; Max 6									
HIV test kits are well stocked except for SD Bioline, HIV syphilis Duo and Oraquick. CD4+ commodities are stocked out. There is need to place orders by GHSC for SD Bioline, CD4+ commodities and blood collection tubes. Vacutainer needles are well stocked. A supply plan was shared with PSM/GHSC however funding for these commodities has not yet been confirmed.									

C: Medical Access Uganda Limited Laboratory commodities			Months of Stock at the end of the month						
Category	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
HIV test Kits									
Determine HIV-1/2 Complete Kit, 100 Tests	100 Tests	5,271	1,208	4.4	3.4	2.4	1.4	0.4	0.0
HIV, Stat-Pak HIV 1 / 2 Kit, 30 Tests	30 Tests	1,979	273	7.2	6.2	5.2	4.2	3.2	2.2
SD Bioline, HIV 1/2, Bioline 3.0 Kit	25 Tests	280	54	5.2	4.2	3.2	2.2	1.2	0.2
HIV/Syphilis Duo HIV 1/2,	25 Tests	4,876	300	16.3	15.3	14.3	13.3	12.3	11.3
Oraquick HIV test	50 Tests	257	24	10.7	9.7	8.7	7.7	6.7	5.7
MAUL- CD4+ Commodities									
BD FACS, MultiTest CD3/CD8/CD45/CD4, 50 Tests	50 Tests	107	43	2.5	1.5	0.5	0.0	0.0	0.0
Partec, Counter CD4, CD4% Easy count kit	100 Tests	-	9	0.0	0.0	0.0	0.0	0.0	0.0
PIMA Cartridges	100 Tests	69	26	2.7	1.7	0.7	0.0	0.0	0.0
BD-FACS Presto cartridge Kit	100 Tests	100	29	3.4	3.3	2.8	1.8	0.8	0.0
Crag LFA testing Kits 50 tests	50 Tests	483	78	6.2	5.2	4.2	3.2	2.2	1.2
Other commodities									
Blood Collection Tube, K2 EDTA, 4mL, Lav, 100 Pcs	100 Tests	5,326	974	5.5	4.5	3.5	2.5	1.5	0.5
Vacutainer Needle 21G	100 Tests	2,542	387	6.6	8.2	7.2	6.2	5.2	4.2
HIV test kits are well stocked with more than 3 MOS. More orders need to be placed by MAUL for HIV determine, HIV stat-pak and SD Bioline to avert risk of stock at the end of 2019. CD4 commodities generally have low stock levels and are at risk of stocking out. Order needs to be placed for CD4+ commodities by MAUL. Blood collection devices and Vacutainer tubes are well stocked.									

A: National Medical Stores-Medicines for Opportunistic Infections Stock Status			Months of Stock at the end of the month						
Category	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Fluconazole 200mg Tab	1*28 tabs	4,750	4,643	1.0	7.8	6.8	5.8	4.8	3.8
Fluconazole 2mg/ml I.V. Infusion 100ml	1	-	2,704	0.0	0.0	0.0	0.0	0.0	0.0
Fluconazole 50mg/5ml suspension 35 ml	1	11,571	1,235	9.4	8.4	7.4	6.4	5.4	4.4
Cotrimoxazole 120mg, 1000 Tabs	1*1000 tabs	3,865	2,993	1.3	0.3	7.3	6.3	10.7	9.7
Cotrimoxazole 960mg Tabs , 1000 tabs	1*1000 tabs	-	6,162	0.0	0.0	3.9	8.2	7.2	6.2

Min 3MOS, Max 6MOS

NMS :Medicines for Opportunistic infections
Fluconazole formulation:
Fluconazole suspension is well stocked with more than 3 MOS. There are low stock levels of Fluconazole 200mg tablets and stock out of Fluconazole IV infusion. Shipment for Fluconazole 200mg (7.8 MOS) is expected by end of August 2019. Shipment for Fluconazole I.V infusion (5.1 MOS) is expected from Diflucan Partnership Program. However this is pending confirmation of delivery date due its current stock out at Diflucan Partnership Program.
Cotrimoxazole formulations:
There are low stock levels of Cotrimoxazole 120mg and a stock out of Cotrimoxazole 960mg. Shipments for Cotrimoxazole 120mg (8.0 MOS) and Cotrimoxazole 960mg (3.9 MOS) are expected by end of September 2019.

B: Joint Medical Stores-Medicines for Opportunistic Infections Stock Status

			Months of Stock at the end of the month						
Product Name	Unit of measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Fluconazole 200mg Tab	1*28 tabs	8,232	1,474	5.6	4.6	3.6	2.6	1.6	0.6
Fluconazole 2mg/ml I.V. Infusion 100ml	1	1,989	584	3.4	2.4	1.4	0.4	0.0	0.0
Fluconazole 50mg/5ml suspension 35 ml	1	327	304	1.1	4.2	3.2	2.2	1.2	0.2
Cotrimoxazole 120mg, 1000 Tabs	1*1000 tabs	5,446	638	8.5	7.5	6.5	5.5	4.5	3.5
Cotrimoxazole 960mg Tabs , 1000 tabs	1*1000 tabs	5,067	2,146	2.4	1.4	0.4	0.0	0.0	0.0

Min 3MOS, Max 6MOS

JMS : Medicines for Opportunistic infections
Fluconazole formulations:

Fluconazole 200mg tabs and Fluconazole IV infusion are fairly stocked with more than 3 MOS. There are low stock levels of Fluconazole 50mg/5ml suspension at JMS.

Inter-warehouse has been initiated for 5.0 MOS of fluconazole 50mg/5ml suspension from NMS to JMS.

Order has been placed for all fluconazole formulations through GHSC.

Cotrimoxazole formulations:

Cotrimoxazole 120mg is well stocked at JMS with more than 3 MOS. However, there are low stock levels of Cotrimoxazole 960mg of less than 3MOS. Orders for opportunistic infection medicines have been submitted to GHSC but the delivery dates have not yet been confirmed.

Medical Access Uganda Limited -Medicines for Opportunistic Infections Stock Status

			Months of Stock at the end of the month						
Product description	Pack Size	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Fluconazole 200mg Tab (Diflucan)	1*28 tabs	3,199	1,179	2.7	1.7	0.7	0.0	0.0	0.0
Fluconazole 2mg/ml I.V. Infusion 100ml	1	1,170	255	4.6	3.6	2.6	1.6	0.6	0.0
Fluconazole 50mg/5ml suspension 35 ml	1	261	59	4.4	3.4	2.4	1.4	0.4	0.0
Cotrimoxazole 120mg, 1000 Tabs	1000	5,272	862	6.1	5.1	4.1	3.1	2.1	1.1
Cotrimoxazole 960mg Tabs , 1000 tabs	1000	38,460	2,749	14.0	13.0	12.0	11.0	10.0	9.0

Min 3MOS, Max 6MOS

MAUL: Medicines for opportunistic infections
Fluconazole formulation:

Fluconazole 200mg tabs and Fluconazole 50mg/5ml suspension are fairly stocked with more than 3 MOS. There are low stock levels of Fluconazole 200mg of less than 3 MOS.

Order needs to be placed for all fluconazole formulations.

Cotrimoxazole formulations:

Cotrimoxazole 120mg is well stocked with more than 3 MOS.

There is an overstock of Cotrimoxazole 960mg at MAUL.

Order needs to be placed for Cotrimoxazole 120mg by MAUL.

Vaccines

A: National Medical Stores-Vaccines Stock Status

Item description	Unit of Measure	Closing Bal at 31st July 2019	Months of Stock at the end of the month						
			AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Penta vaccine (DPT- HEPB +HIB) 10 dose vial	1 vial	41,083	36,695	1.1	3.7	5.4	4.4	3.4	2.4
Bacillus Calmette -Guerin (BCG) 20 dose vial	1 vial	65,700	23,779	2.8	1.8	3.0	2.0	1.0	0.0
Hepatitis B Vaccine - 10 dose vial	1 vial	90,945	32,529	2.8	1.8	0.8	0.0	0.0	0.0
Measles vaccine - 10 dose vial	1 vial	32,270	24,567	1.3	0.3				
Measles & Rubella Vaccines -10 dose	1 vial	212,539	24,567	8.7	7.7	6.7	5.7	8.2	7.2
Polio Bivalent vaccine (BOPV) 20 dose vial	1 vial	585,553	33,785	17.3	16.3	15.3	14.3	13.3	12.3
Inactivate Polio Vaccine (IPV)10 dose vial	1 vial	115,358	31,182	3.7	2.7	2.9	1.9	0.9	0.0
Human Papilloma Vaccine (HPV)	1 vial	177,773	106,837	1.7	0.7	3.4	2.4	1.4	0.4
Rabies Vaccine 10 dose vial	1 vial	1,665	1,745	1.0	0.0	0.0	0.0	0.0	0.0
Rota vaccine 1 dose vial	1 vial	1,210,200	275,758	4.4	7.0	6.0	5.0	4.0	3.0
Tetanus toxoid vaccine (TT) 20 dose vial	1 vial	18,765	20,085	0.9					
Tetanus & Diphtheria Vaccine (TD) 10 dose vial	1 vial	179,990	40,170	4.5	3.5	2.5	1.5	0.5	0.0
Pneumococcal conjugate (PCV) 4 dose vial	1 vial	932,950	101,675	9.2	8.2	7.2	9.7	8.7	7.7

Min 3MOS, Max 6MOS

Notes: Stock Status of Vaccines at NMS

Vaccines have low stock level of less than 3 MOS except for Measles & Rubella, BOPV, IPV, Tetanus & Diphtheria vaccine, PCV vaccines. Shipments are expected for Penta vaccine (3.6 MOS) and Rota vaccine (3.6 MOS) by end of August 2019. Shipments for BCG (2.3 MOS) and IPV (1.2 MOS) are expected in September 2019. Order needs to be placed for Penta vaccine, BCG, Hepatitis B, IPV, HPV, Rabies and TD vaccines.

Reproductive Health Commodities

A: National Medical Stores-Reproductive Health Commodities Stock Status

			Months of Stock at the end of the month						
Item Description	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Medroxyprogesterone Acetate 150 mg/ml (Depo-Provera)	1 vial	503,000	115,800	4.3	3.3	2.3	1.3	0.3	0.0
Depot (SC) Medroxyprogesterone Acetate 104 mg/0.65 mL, Pre-Filled	1	255,400	72,689	3.5	2.5	1.5	0.5	0.0	0.0
IUD - Copper Containing Device TCU380A***	1	28,943	2,112	13.7	12.7	11.7	10.7	9.7	0.0
Etonogestrel 68 mg/rod, 1 rod Implant (Implanon NXT)	1	13,019	9,200	1.4	0.4	0.0	0.0	0.0	0.0
Levonorgestrel 75mg/rod, 2 rod Implant (Jadelle)	1	21,470	8,245	2.6	1.6	0.6	0.0	0.0	0.0
Male Condom (52MM with and without Logo)	1	10,456,560	4,056,855	2.6	1.6	0.6	0.0	10.9	9.9
Combined Oral Contraceptives (Microgynon)	1 cycle	326,439	45,046	7.2	6.2	5.2	4.2	3.2	2.2
Levonorgestrel 1.5mg (Emergency Contraceptive)***	1 tab	8,722	2,579	3.4	2.4	1.4	0.4	0.0	0.0
Mama Kit (Safe Maternity Kit)	1	270,890	32,161	8.4	7.4	6.4	5.4	4.4	3.4
Misoprostol 200mcg Tabs	100	9,882	1,365	7.2	6.2	5.2	4.2	3.2	2.2
Levonorgestrel 30 mcg (Microlut)	1 cycle	20,751	4,813	4.3	3.3	1.3	0.3	0.0	0.0

Notes: Reproductive health commodities at NMS

Reproductive health commodities are fairly well stocked above 3 MOS except Implanon NXT, Jadele and Male condoms. Inter-warehouse transfer of Implanon NXT and Jadelle to be initiated once shipments are received at JMS. Stock of Male condoms (91 million) is expected from Global Fund. This stock for male condoms is to be shared with JMS. Further orders for 174 million condoms placed under Global Fund with the first delivery of 44 million scheduled for November 2019. Stock of IUDs, COCs and Implanon NXT is expected from GFF. There are 2.3 MOS of oxytocin 10IU/1ML INJ at NMS.

B: Joint Medical Stores-Reproductive Health Commodities Stock Status			Months of Stock at the end of the month						
Item Description	Unit of Measure	Closing Bal at 31st July 2019	AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Medroxyprogesterone Acetate 150 mg/ml (Depo-Provera)	1 vial	954,763	177,178	5.4	4.4	3.4	6.2	5.2	4.2
Depot (SC) Medroxyprogesterone Acetate 104 mg/0.65 mL, Pre-Filled Uniject Device (Sayana Press)	1	291,231	100,103	2.9	10.2	9.2	8.2	11.7	10.7
Etonogestrel 68 mg/rod, 1 rod Implant (Implanon NXT)	1	79,102	34,597	2.3	3.8	2.8	5.3	4.3	3.3
Levonorgestrel 75mg/rod, 2 rod Implant (Jadelle)	1	30,630	23,493	1.3	5.9	4.9	3.9	5.7	4.7
IUD - Copper Containing Device TCU380A	1	103,610	21,283	4.9	3.9	10.0	9.0	8.0	7.0
Male Condom (53MM with and without Logo)	1	7,110,241	10,445,182	0.7	3.1	4.7	6.3	5.3	4.3
Female Condoms	1	297,321	84,611	3.5	2.5	1.5	0.5	-0.5	37.9
Levonorgestrel 1.5 mg(Emergency Contraceptive)	1	70,372	31,479	2.2	3.6	2.6	1.6	12.8	11.8
Combined Oral Contraceptives (Microgynon)	1 cycle	3,197,110	162,353	19.7	17.8	15.1	14.1	13.1	12.1
Levonorgestrel 30 mcg (Microlut)	1	81,250	24,400	3.3	4.2	3.2	2.2	1.2	0.2

Min 3MOS, Max 6MOS

Notes: Reproductive health commodities at JMS

Reproductive health commodities are fairly stocked above 3 MOS except Jadelle, Implanon NXT, Male condoms and ECP. A Shipment of Jadelle (3.9 MOS) was received early August 2019, whereas 2.4 MOS of Implanon NXT are expected by end of August 2019. Stock of Levoplant (39,750) available at JMS for distribution to MSI, PSIU and RHU. A total of 68,000 Levoplant units have already been distributed (June and July 2019) for use as a 3 year implant. Shipment of 35 million condoms from Global Fund is in country and undergoing post shipment testing by NDA. A further 56 million condoms are expected from GF in September and October 2019. These are to be shared with NMS. Shipment of ECP (2.4 MOS) is expected by end of August 2019. Orders for Microlut, Jadelle, Sayana and Implanon NXT have been shared with GHSC and are pending confirmation.

TB Medicines

A: National Medical Stores -First Line TB medicines Stock status

First Line TB Medicines

Item Description	Pack size	Closing Bal at 31st July 2019	Months of Stock at the end of the month						
			AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Adult first line TB formulations									
4-FDC RHZE (150/75/400/275) 150+75+400+275mg	1*672 tabs	14,811	1,440	10.3	9.3	8.3	12.5	11.5	10.5
2-FDC RH (150/75) 150+75mg 28 Tablets ,24	1* 672 tabs	12,186	1,994	6.1	5.1	4.1	11.6	10.6	9.6
Pediatric first line TB formulations									
3-FDC RHZ (75/50/150) 75+50+150mg Tablet	1* 84 tabs	9,740	1,349	7.2	6.2	7.2	6.2	5.2	4.2
2-FDC RH (75/50) 75+50 mg Tablet	1*84 tabs	22,281	1,316	16.9	15.9	14.9	13.9	12.9	11.9
Ethambutol 100mg	1*100tabs	5,802	812	7.1	6.1	10.4	9.4	8.4	7.4

Min 9MOS, Max 15MOS

Notes: First Line TB commodities at NMS

First Line TB medicines have low stock levels below 9 MOS except RH 75/50 mg . Stock of RHZE and RH adult received from GOU/NMS. RHZ 75/50/150mg (7.2 MOS), Ethambutol 100mg (10.4 MOS) are expected by end of September 2019. Shipments for RH 150/75 mg (6.3 MOS) and RHZE 150/75/400/275mg (4.6 MOS) are expected from GDF in October 2019. A further shipment for RH 75/50mg delayed to avoid wastage through expiry. Supply plan for GOU funds for FY19/20 shared with NMS.

MDR TB Medicines Stock status

Item Description	Pack size	Closing Bal at 31st July 2019	Months of Stock at the end of the month						
			AMC July 2019	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Bedaquiline (#patient courses)	188	61	24	2.5	1.5	7.0	6.0	8.5	7.5
Clofazimine 100mg	100	1,028	108	9.6	18.7	17.7	16.7	15.7	14.7
Linezolid 600mg	20	207	155	1.3	27.8	26.8	25.8	24.8	23.8
Levofloxacin 250mg Film coated tablet(s) 100	1*100 tabs	553	542	1.0	4.9	3.9	2.9	1.9	0.9
Cycloserine 250mg Capsule(s) 100	1*100 caps	2,469	262	9.4	8.4	17.2	16.2	15.2	14.2
Ethionamide 250mg Film coated tablet(s) 100	1*100 tabs	6,788	356	19.1	18.1	17.1	16.1	15.1	14.1
Pyrazinamide 400mg Film uncoated tablet(s)	1*672 tabs	889	87	10.2	9.2	8.2	7.2	6.2	5.2
Capreomycin 1000mg Powder for injection 1	1 vial	13,153	1,443	9.1	8.1	7.1	6.1	5.1	4.1
Kanamycin 1000mg Powder for injection	1*10 vials	5,205	243	21.4	20.4	19.4	18.4	17.4	16.4
Isoniazid 300mg Tablet, 672	1*672 tabs	1,201	100	12.0	11.0	10.0	9.0	8.0	7.0
Amikacin 500mg/2ml injection	1*100 vials	-	1	0.0	0.0	0.0			
Ethambutol 400mg	1*672tabs	33	93	0.4	0.0	0.0			
Moxifloxacin 400mg Film coated tablet(s) 100	1*100 tabs	252	119	2.1	1.1	0.1			

MDR TB Medicines have low stock levels of less than 9 MOS except for Ethionamide 250mg, Pyrazinamide 400mg, Kanamycin 1g Injection and Isoniazid 300mg.

Shipments for Levofloxacin 250mg (4.9 MOS), Clofazimine 100mg (6.9 MOS) and Linezolid 600 mg (19.6 MOS) are expected in August 2019. Shipments Cycloserine 250mg (9.8 MOS) is expected in September 2019.

Oral medicines like Isoniazid 300 mg, Ethambutol 400mg Pyrazinamide 400mg will be replaced by more efficacious formulations like Linezolid 600mg and Clofazimine 100mg.

Injectables; Kanamycin, Amikacin and Capreomycin are to be phased out following WHO recommendation of exclusive use of Oral MDR-TB regimens

The above mentioned items are being phased out, hence will not be re-supplied. Existing stock is sufficient for already enrolled patients to complete their treatment. 156 courses of Bedaquiline are expected in September 2019 and an additional 85 courses in November 2019. 12 packs (672) of Delamanid 50mg are expected in August 2019.

Stock status for IPT									
Product	Pack size	Stock at hand-NMS as at 31.7.2019		Stock at hand-JMS as at 31.7.2019		Stock at hand-MAUL as at 31.7.2019			
		Quantity	Patient Courses	Quantity	Patient Courses	Quantity	Patient Courses		
ISONIAZID 300MG 28TABS	24	1,021	4,084	9	36	3,688	14,752		
ISONIAZID 100MG TABLETS	100	7,475	2,225	-	-				
PYRIDOXINE 25MG TABLETS	1,000	820	4,881	1,951	11,611	27,081	132,181		
Pipeline for INH									
Product	Pipeline-NMS			Pipeline-JMS			Pipeline-MAUL		
	Quantity	Patient Courses	EDD	Quantity	Patient Courses	EDD	Quantity	Patient Courses	EDD
ISONIAZID 300MG TABS- 672 tabs	41,000	164,000	Sep-19				19,831	79,324	Aug-19
	-						14,873	55,526	Oct-19
	-						14,873	55,526	Nov-19
PYRIDOXINE 25MG TABS - 1000 tabs	12,000	72,000	Aug-19	8,474	50,443	Aug-19	11,405	67,886	Aug-19
	32,760	196,560	Sep-19						

Notes:

INH 100mg is distributed to all ART sites in the country and all eligible PLHIV 0-14 years and Under 5 contacts of pulmonary bacteriologically confirmed TB cases should be offered TPT for 6 months. All PNFP sites to access INH 100mg through NMS following order placement through TWOS. Low stock levels of both INH 300mg and INH 100mg at the warehouses. Items were issued out for the implementation of the 100-Day Accelerated Isoniazid Preventive Therapy Scale Up in 382 facilities. A donation of 169,000 patient courses of INH 300mg and Pyridoxine 25 mg from Kenya is expected by September 2019.

Facility stock status report

MDR TB medicines facility stock status as of 1st August 2019

Regimen	Unit of Measure	Total stock available (Units)		
		Total Stock	Net AMC	MOS
Kanamycin 1g Injection	1*10 Vials	10,364	2,580	4.0
Capreomycin 1g injection	1 Vial	6,549	1,592	4.1
Cycloserine 250 mg capsules	1*100 caps	75,370	35,075	2.1
Ethionamide 250mg tablets	1*100 tabs	126,847	49,618	2.6
Levofloxacin 250mg tablets	1*100 tabs	128,210	43,300	3.0
Pyrazinamide 400mg tablets	1*672 tabs	381,248	66,765	5.7
Moxifloxacin 400mg tablets	1*100tabs	69,753	16,532	4.2
Ethambutol 400mg tablets	1*672tabs	404,033	29,626	13.6
Isoniazid 300mg tablets	1*672 tabs	1,525,080	26,469	57.6
Bedaquiline 100mg tablets	1*188 tabs	13,448	2,016	6.7
Amikacin 500mg/2ml injection	1 Vial	1,283	134	9.6
Linezolid 600mg tablets	1*20 tabs	11,902	5,253	2.3
Clofazimine 100mg tablets	1*100 tabs	24,524	11,966	2.0

Notes: MDR - TB medicines facility level stock

1. Reporting rate 100% (17/17 MDR sites reported)
2. Facilities generally well stocked (above 2 MOS) on all MDR commodities. Stocks include stocks for IPT.
3. A total of 72 courses of Bedaquiline 100mg are available in facilities for treatment initiation.
4. 70.6 % (12/17) have low stock levels of Clofazimine 100mg (less than 2 MOS) and facility level redistribution recommended.