19.12. UNFPA LMA reports app

What is it?

Some UNFPA users are periodically required to produce Last Mile Assurance (LMA) reports. These can be time consuming and difficult to produce manually so we've created an app for that!

This app runs on the central server of your mSupply installation and will create a selection of UNFPA formatted LMA reports as spreadsheet files for you; all you have to do is make some selections to define what transactions and stock should be included in the reports.

The reports take data from the mSupply dashboard and generates excel reports in pre-defined templates. The mSupply server mSupply exports data to the mSupply dashboard periodically. The frequency with which data is exported from the mSupply server to the mSupply dashboard will impact on how closely the data in the LMA app matches the data in the mSupply desktop application.

So, for the app to reliably generate data, all three services need to be operating:

- mSupply server
- mSupply dashboard
- UNFGPA LMA reports app

Setup

Store tags

For the purposes of the LMA reports, mSupply needs to know which of the stores in your datafile are the 'Central store' and which are 'Decentralised stores'. You do this by adding appropriate store tags to the stores:

- 'Central store' must be given the UNFPA_Central store tag
- 'Decentralised stores' must be given the UNFPA_decentralised store tag

For details of how to add tags to stores, please see the Store tags page.

Using the app

To get to the app, the webserver must be running in mSupply (see the Server tab page for details on that).

In your browser, enter the URL of your server followed by the port the app is running on (if you don't know what this is, ask the mSupply Foundation support@msupply.foundation. It should be something like this:

https://example.com:4000

The login window will load which looks like this:

Supply	
Sign in to UNFPA LMS reports application Please log in using your mSupply account credentials	
Username username Password	
Password Sign in	

To login enter your mSupply username and password in the **Username** and **Password** fields and click on the **Sign in** button.

After successfully logging in, the report options window will be displayed:

iupply				(
	UNFPA reports			
Report to create				
Select a report type			~	
Include transactions in this date ra	nge in the report			
From	То			
February 17, 2022	February 17, 2022			
Items to include in report				
Select master-list			~	
Include stock from these donors in the	e report			
None (all stock)		×	~	
	Create Report			
	Greate Report			

On this window, make your selections to define what will go in your report:

- Report to create drop down list: Select one of the following options:
 - Quarterley review report
 - LMA IP SC Fact Sheet report
 - Stock on date
 - Ledger
- Include transactions in this date range in the report fields: click on the From and To dates to select the dates from calendars. Only transactions with a confirmed date that falls between the From and To dates will be included in the report.
- Items to include in report drop down list: Contains a list of all the master lists in your datafile. Select one to include only items from that master list in the report.
- Include stock from these donors in the report drop down list: You can choose one or more donors if you do then only stock that came from them will be included in the report. You can also choose *None* (the default option), in which case a donor filter will not be applied.

If you select any report in the **Report to create** drop down list *EXCEPT* the **Quarterley review report**, an additional store filter is added to the bottom of the options:

Select or search tags			~
			All on/off
CODE	NAME	TAGS	SELECTED
03030100	AGEVAIRU SC		
03030200	AKUFA SC		
13020100	ALEXISHAFEN HC		
09070300	ALKENA SC		
050102_Dispensary	Alotau GH Dispensary		
050102_Main_Store	Alotau GH Main Store	dashboard	
Malaria_Alotau	Alotau Malaria Store		
120502-Dental	AMGH Dental Clinic		
120502-Dispensary	AMGH Dispensary		
120502-Main store	AMGH Main store	dashboard	
← く Page 1	of 50 Go to page: 1	Show 10 ✓	

The table shows a list of all the stores in your datafile.

- To make it more manageable you can choose to display only stores with particular tags by selecting them in the **Filter stores by tag** drop down list.
- If there are many stores, you can use the paging controls at the bottom of the window to move through the different pages and choose how many stores to display on each page.

Click on the *SELECTED* column checkbox to select a store to include in the report. You can click on the **All on/off** checkbox to toggle the *SELECTED* checkbox on and off for all stores on all pages at once. Only transactions and stock from the stores that have a check in the *SELECTED* checkbox will be included in the report.

When you are happy with your selections, click on the **Create Report** button to create the report. mSupply will tell you the report is being generated and will ask you where to save it or which application to open it with when it is finished. The files generated are .xlsx format spreadsheets.

Some of the reports do a huge amount of work and calculation so can take a long time to run, especially if you have chosen a lot of stores, a lot of items or a long period to be included in the report. So make yourself a good cup of coffee and go do something else

for a while. Better that the computer does all the hard work instead of you, right?

Example report outputs

Quarterly review report

2025/06/27 21:51

	Papua New Guinea RH Central Store											
Date From	Fri Jan 01 2021 00:00	:00 GMT+1000 (Papua New Guinea Time) 9:59 GMT+1000 (Papua New Guinea Time)										
Commodity Planning Quarterly Review 202	1											
Commodity	Commodity Type	Commodity sub-type	Product ID	Unit of Measure	Stock on Hand (SoH) - Inventory Balance	Stock Count Date	Average Monthly Consumption (AMC)	Source of Inventory Data		Months Of Stock (MOS) Colculation	Pipeline Orders / Orders in-transit (UNFPA Supplies programme)	Order
XIV Hormones, Other Endocrine Medicines and Contraceptives	Contraceptives	Ethinylestradiol 30mcg + Levonorgestrel 150mcg Tab.	11410020	Pkt	0	Fri Dec 31 2021	19,672.61	mSupply	Central level only	0	(D

LMA IP SC Fact Sheet report

				Stockout level	
		Please	provide information a		ts stockouts at CW and SDP level
		1 10 20 20	provinse information of		
Key products	Current Year Stockout Ratio		Previous Year Sto	ckout Ratio (%)	Comments
	Central Level	SDP Level	Central Level	SDP Level	Souther the second s
Amoxycillin Capsules, 500mg 0	0	0		19.51	
Azithromycin Tab., 500mg 0	21			24.49	
Bag, Urine Collecting, with Tap and Valve, 2L 0	21	0 0		28.33	
Benzyl Penicillin, Ini., 1 million IU, 600mg 0	0	0		21.1	
Dioramphenicol Capsules, 250mg 0	21	0 0		21.64	
Dioramphenicol Sodium Succinate Inj.,1g 0	0	0		34.03	
Dprofloxacin Tab., 250mg 0	21			23.73	-
Doxycycline Tab., 100mg 0	4			26.9	
Dressing, Combined, 9cm x 10m 0	21			37.26	
Flucloxacillin Capsule, 500mg 0	0			18.08	
Flucloxacillin Capsules, 250mg 0	0			19.62	
Flucloxacillin Inj., 500mg 0	6			58.19	
Sauze, Absorbent, 100cm x 6m 0	1	.67 0		36.6	
Sentamicin Injection, 80mg in 2ml 0	0	0		35.23	
Sentamicin Paediatric Inj., 20mg in 2ml. 0	0	0		58.63	
Slove, Examination, Latex, Non-Sterile, Large, Pa 0	21	0 0		34.08	
Slove, Examination, Latex, Non-Sterile, Medium, 0	0	0		33.04	
Slove, Post Mortem, Size 7 0	4	0 0		60.82	-
Slucose 2.5% in Half Strength Darrows Soln., 50	0	0		22.47	-
Hydrocortisone Sodium Succinate Inj., 100mg + d 0	0			49.92	-
Metronidazole I.V. Inj., 500mg/100mL 0	21			30.68	
Paracetamol Suppository, 125mg, Pack/20 0		25 0		21.15	
Paracetamol Suppository, 250mg, Pack/20 0	21	0 0		41.32	
Paracetamol Tab., 500mg 0	0	0		23.12	
Master, Adhesive, 2.5cm x 5m 0	0	0		18.52	
Plaster, Adhesive, Ext., 7.5cm x 3m 0	44	0 0		29.7	
iodium Chloride Inj., 0.9%, 1L 0	0	0		21.75	
Frimethoprim 40mg + Sulfamethoxazole 200mg 0		8.75 0		23.62	
Frimethoprim 80mg + Sulfamethoxazole 400mg 0	2	1.67 0		34.41	
Average	0	0		0	

Stock on date report

Store	Item Code	UNFPA Item Code	Item Name	Supplier	Batch	Expiry date	Donor	Pack size	Number of packs	Price per pack (Local)	Price per pack (USD)	Total pieces	Total value (USD)
WOULD MAR	103100		Amoxycillin Capsules, 500mg	Renau Parts, Parries and the lot	141010	10/30/2017		100	4,972	7.65	\$2.18	497,200	\$10,838.96
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Rennes (Rently, Frentssenation) and	170354	03/30/2020		100	230	8.46	\$2.41	23,000	\$554.30
Wronail MAR	103100		Amoxycillin Capsules, 500mg	Hum Harry, all all and the fit	1707006	07/31/2020		100	360	8.46	\$2.41	36,000	\$867.60
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Harmon Pharink, "Planting countriants and	1707013	07/30/2020		100	2,019	15.00	\$4.28	201,900	\$8,641.32
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Harman (Barille, Fingerson analysis) and	2007519	07/30/2023		100	150	3.00	\$0.86	0	\$0.00
Wessell, MAG	103100		Amoxycillin Capsules, 500mg	ALCONO. INC.	2008516	08/30/2023		100	250	6.00	\$1.71	20,000	\$342.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Harmon Pharith, "Planting an ethically Later	2008527	08/30/2023		100	800	1.00	\$0.29	0	\$0.00
Wesseld, MAG	103100		Amoxycillin Capsules, 500mg	Harmon Pharith, "Pharman countriants and	2008534	08/30/2023		100	650	2.00	\$0.57	0	\$0.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Gig/Planmarg/Ltdl./Wilki	\$797197	10/30/2020		100	2,300	17.84	\$5.09	230,000	\$11,707.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	City/Wastmany/Los. /Wilds/	\$797199	10/30/2020		100	5,500	17.84	\$5.09	550,000	\$27,995.00
Wesseld, MAG	103100		Amoxycillin Capsules, 500mg	City/Plantnerg/Ltdl./Wilker	\$797201	10/30/2020		100	900	17.84	\$5.09	90,000	\$4,581.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	AUTORAL TRADAM TRAVIS	SE016C01	02/28/2023		100	1,490	0.00	\$0.00	0	\$0.00
Wesseld, MAG	10530110		Azithromycin Tab., 500mg	Harmon Pharine - Pharmon an attended and	190916	09/30/2022		100	730	1.00	\$0.29	0	\$0.00
Wesseld, MAR	10530110		Azithromycin Tab., 500mg	Adventing / PLANKAGE CLIPTCHELTS / TE-	ADFH0144	07/30/2019		3	2,160	1.14	\$0.33	6,480	\$712.80
Wessell, MAR	10530110		Azithromycin Tab., 500mg	ACCOUNTED FOR AND A CONTRACTOR OF A	ADFH0148	08/30/2020		3	9,477	0.03	\$0.01	28,431	\$94.77
Wesseld, MAG	10530110		Azithromycin Tab., 500mg	Stragge / Read Weight - Same - Add	E01038	04/30/2022		3	25	0.00	\$0.00	0	\$0.00
Wesseld, MAR	10530110		Azithromycin Tab., 500mg	ACCOUNTS / PLANMAR ST. FT. ALL	G704743	07/30/2019		3	20,198	1.14	\$0.33	60,594	\$6,665.34
Wroteki (AAG	10530110		Azithromycin Tablets, 500mg	11000000000000000000000000000000000000	E01038	09/30/2022		3	20	2.00	\$0.57	30	\$5.70
Wessell, MAG	20400080		Bag, Urine Collecting, with Tap and Valve, 2L	Harmon Pharith Pharmon constitutes and	22100601	01/30/2026		1	175	0.00	\$0.00	0	\$0.00
Wesseld, MAR	20400080		Bag, Urine Collecting, with Tap and Valve, 2L	through i file difficiency and	N17F010	05/30/2021		1	2,800	3.95	\$1.13	2,800	\$3,164.00
Wesseld, MAR	20400080		Bag, Urine Collecting, with tap and valve, 2L	And an and a second sec	22014212	01/30/2026		1	5	0.00	\$0.00	5	\$0.00
Wesseld, MAR	10530130		Benzyl Penicillin, Inj., 1 million IU, 600mg	Horney Parity Pageron continues and	200808	08/30/2023		1	6,250	0.00	\$0.00	0	\$0.00
Wesseld, March	110400		Chloramphenicol Capsules, 250mg	ALVARANT TO ANNALS AND THINK AN	191238	12/30/2022		100	100	6.00	\$1.71	0	\$0.00
WOLLD. MAR	110400		Chloramphenicol Capsules, 250mg	AURABET PRANKAGE CENTRAL	2002011	02/28/2023		100		2.00	\$0.57	551,600	\$3,144.12
Wesseld, MAG	110400		Chloramphenicol Capsules, 250mg	INCOME TO AND A REAL PROPERTY.	C-79001	01/30/2021		100	1,181	24.55	\$7.00	118,100	\$8,267.00
Wesseld, MAR	110400		Chloramphenicol Capsules, 250mg	City/Watermary/Los. /With	XC9K008	10/30/2022		100	20	5.00	\$1.43	0	\$0.00
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Hormon Phanette - Phanette annotation i suit	170372	03/30/2020		1	29,600	0.78	\$0.22	29,600	\$6,512.00
Wesseld, MAG	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Harrison (Harrison Phantana and Andrew State	170372	03/30/2020		1	14	0.78	\$0.22	14	\$3.08
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Hermony Marchine Programme and in the	170372	03/30/2020		1	20,000	0.78	\$0.22	20,000	\$4,400.00
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Berne Park Parmerential in	170372	06/30/2020		1	6,900	0.78	\$0.22	6,900	\$1,518.00
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Berne Park. Parmerential in	171223	12/30/2020		1	10,000	3.00	\$0.86	10,000	\$8,600.00
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	AUGRARY TRANSACTIONS	20CG08	04/30/2023		1	100	1.00	\$0.29	0	\$0.00
Weinerstein Voldaffe	10530210		Chloramphenicol Sodium Succinate Inj.,1g	STREET, TRANSPORT	K85118	12/30/2020		1	17,000	6.95	\$1.98	17,000	\$33,660.0

Ledger report

Amoxycillin	Capsules,	500mg (103100)															
Date	Trans. No.	Type	Transaction Sub- type	To / From	Donor	Batch	Expiry date	Pack size	Number of packs	Price per pack (Local)	pack (USD)	Total pieces	(USD)	Running total pieces	Running total value (USD)	From / To Code	Geographic region covered by the recipient
021-01-01		Opening Balance				141010	10/30/2017	100	-50	8	\$2.18	-5000	-\$109.08	-5000	-\$109.08		
021-03-01		Closing balance				141010	10/30/2017	100	50	7.65	\$2.18	5000	\$109.08	0	\$0.00		
Chloramphe	nicol Caps	ules, 250mg (11	0400)														
Date	Trans. No.	Transaction Type	Transaction Sub-	To / From	Donor	Batch	Expiry	Pack size	Number	Price per pack (Local)	Price per pack (USD)	Total pieces	Total value (USD)	Running total	Running total value (USD)	From / To Code	Geographic region covered by the recipient
021-01-01		Opening Balance						100	-50	0	\$0.00	-5000	\$0.00	-5000	\$0.00		
021-03-01		Closing balance						100	50	0.00	\$0.00	5000	\$0.00	0	\$0.00		
aracetamol	Supposito	ry, 250mg, Pack	/20 (145400)														
	Trans. No.	Transaction Type	Transaction Sub- type	To / From	Donor	Batch	Expiry	Pack size	Number of packs	Price per pack (Local)	Price per pack (USD)	Total pieces	Total value (USD)	Running total pieces	Running total value (USD)	From / To Code	Geographic region covered by the recipient
Date						7D02006	03/30/2019	1	-1	2	\$0.69	-1	-\$0.69	-1	-\$0.69		
Date 021-01-01		Opening Balance															

Previous: 19.11. mSupply sync API | | Next: 20. Cold Chain Equipment

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