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
- Web server see below

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

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:

Last update: 2023/11/09 05:48	⁹ web_interface:unfpa_reports_app https://docs.msupply.org.nz/web_interface:unfpa_reports_app	?rev=1699508938
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4.	
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:

ррłу				
	UNFPA reports			
Report to create				
Select a report type			~	
Include transactions in this date range	e 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 r	eport			
None (all stock)		×	*	
	Create Report			
	C. CARG. Hopers			

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 21:42

	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	orovide information a		uts stockouts at CW and SDP level
				and a second	
Key products	Current Year Stockout Ratio	(%)	Previous Year Sto	xkout Ratio (%)	Comments
	Central Level	SDP Level	Central Level	SDP Level	Sector Contract Contr
Amoxycillin Capsules, 500mg 0	0	0)	19.51	
aithromycin Tab., 500mg 0		0 0		24.49	
Bag, Urine Collecting, with Tap and Valve, 2L 0	2	0 0		28.33	
Benzyl Penicillin, Inj., 1 million IU, 600mg 0	0	0		21.1	
hloramphenicol Capsules, 250mg 0	2	0 0		21.64	n
Noramphenicol Sodium Succinate Inj., 1g 0	0	0)	34.03	a
Oprofloxacin Tab., 250mg 0		0 0		23.73	**
Doxycycline Tab., 100mg 0		0 0		26.9	
Pressing, Combined, 9cm x 10m 0		0 0		37.26	
lucloxacillin Capsule, 500mg 0	0			18.08	
lucloxacillin Capsules, 250mg 0	0			19.62	
lucloxacillin Inj., 500mg 0		0 0		58.19	
Sauze, Absorbent, 100cm x 6m 0	1	.67 0		36.6	
Sentamicin Injection, 80mg in 2ml 0	0	0		35.23	
ientamicin Paediatric Inj., 20mg in 2ml, 0	0	0		58.63	m
Slove, Examination, Latex, Non-Sterile, Large, Pa 0	2	0 0		34.08	an
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	##
lydrocortisone Sodium Succinate Inj., 100mg + d 0	0			49.92	
Metronidazole I.V. Inj., 500mg/100mL 0		0 0		30.68	ar
aracetamol Suppository, 125mg, Pack/20 0		.25 0		21.15	ar
aracetamol Suppository, 250mg, Pack/20 0	2	0 0		41.32	ar
aracetamol Tab., 500mg 0	0	0		23.12	an
laster, Adhesive, 2.5cm x 5m 0	0	0		18.52	an
laster, Adhesive, Ext., 7.5cm x 3m 0	4	0 0		29.7	A4
odium Chloride Inj., 0.9%, 1L 0	0	0		21.75	M
rimethoprim 40mg + Sulfamethoxazole 200mg 0		8.75 0		23.62	an <u></u>
rimethoprim 80mg + Sulfamethoxazole 400mg 0	2	1.67 0		34.41	ai
Average 0	0	0)	0	

Stock on date report

	_	7. Store:											
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	Barrage (Space), (Playmout and Law)	141010	10/30/2017		100	4,972	7.65	\$2.18	497,200	\$10,838.96
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Harms (Barlin (Pharma station) () all	170354	03/30/2020		100	230	8.46	\$2.41	23,000	\$554.30
Wronail, MAR	103100		Amoxycillin Capsules, 500mg	Harding, all all all all all all all all all al	1707006	07/31/2020		100	360	8.46	\$2.41	36,000	\$867.60
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Harms Pharin. Pharman mathematical	1707013	07/30/2020		100	2,019	15.00	\$4.28	201,900	\$8,641.32
Wessell, MAR	103100		Amoxycillin Capsules, 500mg	Harmer Pharith, "Pharman constitute i beilt	2007519	07/30/2023		100	150	3.00	\$0.86	0	\$0.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	ARTICLE	2008516	08/30/2023		100	250	6.00	\$1.71	20,000	\$342.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Harms Pharith Pharmanation Lat	2008527	08/30/2023		100	800	1.00	\$0.29	0	\$0.00
Western House Ho House House H	103100		Amoxycillin Capsules, 500mg	Harms (Barlin (Phonese seation) () at	2008534	08/30/2023		100	650	2.00	\$0.57	0	\$0.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	THE PROPERTY AND A VIEW	5797197	10/30/2020		100	2,300	17.84	\$5.09	230,000	\$11,707.00
Western House	103100		Amoxycillin Capsules, 500mg	THE PROPERTY AND ADDRESS	\$797199	10/30/2020		100	5,500	17.84	\$5.09	550,000	\$27,995.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	THE PREPARE AND AND	\$797201	10/30/2020		100	900	17.84	\$5.09	90,000	\$4,581.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	ALTERANT TRANSPORT THE LITE	SE016C01	02/28/2023		100	1,490	0.00	\$0.00	0	\$0.00
Wesseld, MAR	10530110		Azithromycin Tab., 500mg	Harrison (Barrille, 'Physicisan analysis) i and	190916	09/30/2022		100	730	1.00	\$0.29	0	\$0.0
Wessell, MAR	10530110		Azithromycin Tab., 500mg	Information / PLANMARK CLUPTCHALLS TO	ADFH0144	07/30/2019		3	2,160	1.14	\$0.33	6,480	\$712.80
Wessell, MAR	10530110		Azithromycin Tab., 500mg	MANDERSON PLANSAGES CONTRACTOR	ADFH0148	08/30/2020		3	9,477	0.03	\$0.01	28,431	\$94.77
Wesseld, MAR	10530110		Azithromycin Tab., 500mg	Anaggi (Magdill (Spin) Add	E01038	04/30/2022		3	25	0.00	\$0.00	0	\$0.00
Wessell, MAR	10530110		Azithromycin Tab., 500mg	Incompton (PLANDARE ST. PROPERTY OF	G704743	07/30/2019		3	20,198	1.14	\$0.33	60,594	\$6,665.3
Western House	10530110		Azithromycin Tablets, 500mg	TELEBRITIST CO.	E01038	09/30/2022		3	20	2.00	\$0.57	30	\$5.7
Western House	20400080		Bag, Urine Collecting, with Tap and Valve, 2L	Harms (Barlin (Planting station) (14)	22100601	01/30/2026		1	175	0.00	\$0.00	0	\$0.00
Western House	20400080		Bag, Urine Collecting, with Tap and Valve, 2L	through a fille affilia special state	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	index.dv bi-	22014212	01/30/2026		1	5	0.00	\$0.00	5	\$0.00
Western House	10530130		Benzyl Penicillin, Inj., 1 million IU, 600mg	Harms (Barlin (Planting station) and	200808	08/30/2023		1	6,250	0.00	\$0.00	0	\$0.00
Wesseld, MAR	110400		Chloramphenicol Capsules, 250mg	AUMAANT PRANKAGESTTUNGS	191238	12/30/2022		100	100	6.00	\$1.71	0	\$0.00
Weeks in MARE	110400		Chloramphenicol Capsules, 250mg	AUGRAGET PRANKAGE CONTRACT	2002011	02/28/2023		100	6,876	2.00	\$0.57	551,600	\$3,144.12
Wesseld, MAR	110400		Chloramphenicol Capsules, 250mg	INCOME THE OWNER AND A DESCRIPTION AND	C-79001	01/30/2021		100	1,181	24.55	\$7.00	118,100	\$8,267.00
Wesseld, MAR	110400		Chloramphenicol Capsules, 250mg	Hits/Planmary/146./Wilki	XC9K008	10/30/2022		100	20	5.00	\$1.43	0	\$0.00
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Harrison (Reality, Physician constitute) and	170372	03/30/2020		1	29,600	0.78	\$0.22	29,600	\$6,512.00
Wessell, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Harrison (Review, Phanton southing) (14)	170372	03/30/2020		1	14	0.78	\$0.22	14	\$3.08
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Bartan Parille Photomenations ()	170372	03/30/2020		1	20,000	0.78	\$0.22	20,000	\$4,400.00
Wessell, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Harrison (Papelle, Pharrison and South and	170372	06/30/2020		1	6,900	0.78	\$0.22	6,900	\$1,518.00
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Renne Parilli Plantnessettatti isti	171223	12/30/2020		1	10,000	3.00	\$0.86	10,000	\$8,600.00
Western March	10530210		Chloramphenicol Sodium Succinate Inj.,1g	AURRARY PLANMAGE CONTRACTOR	20CG08	04/30/2023		1	100	1.00	\$0.29	0	\$0.00
Weiness House	10530210		Chloramphenicol Sodium Succinate Inj.,1g	INCOMENTS OF TAXABLE AND ADDRESS OF TAXABLE	K85118	12/30/2020		1	17,000	6.95	\$1.98	17,000	\$33,660.00

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)	Price per pack (USD)	Total pieces	(USD)	Running total pieces	Running total value (USD)	From / To Code	Geographic region covered by the recipient
2021-01-01		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 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
2021-01-01		Opening Balance						100	-50	0	\$0.00	-5000	\$0.00	-5000	\$0.00		
2021-03-01		Closing balance						100	50	0.00	\$0.00	5000	\$0.00	0	\$0.00		
Paracetamol	Supposito	ry, 250mg, Pack	/20 (145400)														
Date	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
2021-01-01		Opening Balance				7D02006	03/30/2019	1	-1	2	\$0.69	-1	-\$0.69	-1	-\$0.69		
2021-03-01		Closing balance				7D02006	03/30/2019	1	1	2.43	\$0.69	1	\$0.69	0	\$0.00		

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