19.12. UNFPA LMA reports app

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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 generate excel reports in pre-defined templates. The mSupply server exports data to the mSupply dashboard periodically, normally no less frequently than daily, so the data is 'near-live'

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

- mSupply server
- mSupply dashboard
- UNFGPA LMA reports app
- mSupply Web server refer Server tab page for details.

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.

User permission

Make sure that the user has right to "Use the Dashboard". This check box control the login rights to the "UNFPA LMA reports app", without this the user will not be able to login.

		Edi	it user		
User u,					
General Per	missions Permissions (2)	Permissions (3)	omSupply permise	sions Notifications Login rights	Details
Is a member of	None	E	User	can:	
Password				Login as Desktop user	_
Confirm Password				Use the Dashboard Receive email notifications	
Active					
n be responsible officer	-				
User Initials					
Language	English 🔅		Signa	iture	
DAP					
Login using LDAP					
LDAP login string					
				Add	Remove
Windows Username			Tana		
windows osemanie			Tags		
License category	None	E			
User belongs to State/ Region	None	E)		
				Delete Cance	

Using the app

- Since this is a web application, it cannot generate reports larger than 6 MB in size. If the report exceeds 6 MB in size, the generation process could fail.
- We recommend using the filters (date, master-list and donors) to reduce the size of reports. Leaving these filters blank would include *all* data, except for:
 - The store by tag filter which defaults to all UNFPA_Central and UNFPA_decentralised stores.
 - The date range filter which defaults to a single day, 'Today'. You will likely want to change this, especially since unless you run this at the very end of the day, your will not even get a full day's worth of data!
- We recommend keeping the number of stores to a minimal number.
- The report that generates the largest size file is the **Item Ledger report**, the above recommendations should specially be followed for it, however, sometimes other reports may also generate large reports.

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:

	UNFPA reports		
Report to create			
Select a report type			~
Include transactions in this date rang	ge 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	report		
None (all stock)		×	~
	Create 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, and *all* transactions will be included.
- Store selection
 - If you selected the Quarterley review report, then it is only run on the UNFPA_Central store and you are not given a list of stores to include. If no store is tagged as UNFPA_Central, then this report is likely to fail.
 - 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						
← < Page 1	of 50 Go to page: 1	Show 10 V						

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

Country	Papua New Guinea											
Store	RH Central Store											
Date From	Fri Jan 01 2021 00:00	0:00 GMT+1000 (Papua New Guinea Time)										
Date To	Fri Dec 31 2021 23:5	9:59 GMT+1000 (Papua New Guinea Time)										
Commodity Planning Quarterly Review 202	21											
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	for Inventory	Months Of Stock (MDS) Calculation	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	0	

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

	Item	UNFPA							Number of	Drice ner nack	Delas ana ak	Tetal	Total value
Store	Code	Item Code	Item Name	Supplier	Batch	Expiry date	Donor	Pack size	packs	(Local)	Price per pack (USD)	Total pieces	(USD)
Would Hall	103100		Amoxycillin Capsules, 500mg	Renau Parts Parmanentian Lor	141010	10/30/2017		100	4,972	7.65	\$2.18	497,200	\$10,838.96
Wessell, MAR	103100		Amoxycillin Capsules, 500mg	Berne chaile Rectnessessies	170354	03/30/2020		100	230	8.46	\$2.41	23,000	\$554.30
Wessell, MAR	103100		Amoxycillin Capsules, 500mg	inservices, adjustions.	1707006	07/31/2020		100	360	8.46	\$2.41	36,000	\$867.60
Wessell, MAR	103100		Amoxycillin Capsules, 500mg	Hermorite Harth Phonesenshiphic Las	1707013	07/30/2020		100	2,019	15.00	\$4.28	201,900	\$8,641.32
Wessell, MAR	103100		Amoxycillin Capsules, 500mg	Horney Physiks (Representation) and	2007519	07/30/2023		100	150	3.00	\$0.86	0	\$0.00
Wessell, MAG	103100		Amoxycillin Capsules, 500mg	address of the	2008516	08/30/2023		100	250	6.00	\$1.71	20,000	\$342.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Harmon Pharith, "Reprint and indiana	2008527	08/30/2023		100	800	1.00	\$0.29	0	\$0.00
Wesseld, MAG	103100		Amoxycillin Capsules, 500mg	Harmon Pharith, "Reprint constituation and	2008534	08/30/2023		100	650	2.00	\$0.57	0	\$0.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	Gig/Watermarg/Ltdl. /WOM	\$797197	10/30/2020		100	2,300	17.84	\$5.09	230,000	\$11,707.00
Wesseld, MAR	103100		Amoxycillin Capsules, 500mg	City/Wastroarg/Ltdl. /Wilds/	\$797199	10/30/2020		100	5,500	17.84	\$5.09	550,000	\$27,995.00
Wesseld, MAG	103100		Amoxycillin Capsules, 500mg	City/Watermarg/Lini, /Wilki	\$797201	10/30/2020		100	900	17.84	\$5.09	90,000	\$4,581.00
Wessell, MAS	103100		Amoxycillin Capsules, 500mg	AUTHORAG PRANAMINESTS	SE016C01	02/28/2023		100	1,490	0.00	\$0.00	0	\$0.00
Wesseld, MAG	10530110		Azithromycin Tab., 500mg	Harmon Pharith (Pharman analisatis Lat	190916	09/30/2022		100	730	1.00	\$0.29	0	\$0.00
Wesseld, MAR	10530110		Azithromycin Tab., 500mg	ACCOUNTS / PLANMAGE CLIPTCHALL (TO	ADFH0144	07/30/2019		3	2,160	1.14	\$0.33	6,480	\$712.80
Wessell, MAG	10530110		Azithromycin Tab., 500mg	MACHINE AND A PLANCE AND A PROVIDENCE OF THE	ADFH0148	08/30/2020		3	9,477	0.03	\$0.01	28,431	\$94.77
Wesseld, MAG	10530110		Azithromycin Tab., 500mg	Second in the second state	E01038	04/30/2022		3	25	0.00	\$0.00	0	\$0.00
Wesseld, MAR	10530110		Azithromycin Tab., 500mg	Advisoring / PLANDARS CL. FTCHALLS TO	G704743	07/30/2019		3	20,198	1.14	\$0.33	60,594	\$6,665.34
Wroteki WAR	10530110		Azithromycin Tablets, 500mg	141080-0000-000-000-000-000-000-000-000-00	E01038	09/30/2022		1	20	2.00	\$0.57	30	\$5.70
Wesseld, MAG	20400080		Bag, Urine Collecting, with Tap and Valve, 2L	Herney Parity Phermanettian Link	22100601	01/30/2026		1	175	0.00	\$0.00	0	\$0.00
Wessell, MAR	20400080		Bag, Urine Collecting, with Tap and Valve, 2L	through i fandfill (Spaci 244)	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 AND AND	22014212	01/30/2026		1	5	0.00	\$0.00	5	\$0.00
Waterson in the Real Property lies of the Re	10530130		Benzyl Penicillin, Inj., 1 million IU, 600mg	Harmer Pharith (Fingering station) and	200808	08/30/2023		1	6,250	0.00	\$0.00	0	\$0.00
Wesseld, MAR	110400		Chloramphenicol Capsules, 250mg	ALMARKT PLANMARK CLUTTERAL	191238	12/30/2022		100	100	6.00	\$1.71	0	\$0.00
Wesseld, MAG	110400		Chloramphenicol Capsules, 250mg	ALTERNY PLANMAGE CLIPTICAL	2002011	02/28/2023		100	6,876	2.00	\$0.57	551,600	\$3,144.12
Wesseld, MAR	110400		Chloramphenicol Capsules, 250mg	NUMBER OF TRANSPORTED FOR ALL	C-79001	01/30/2021		100	1,181	24.55	\$7.00	118,100	\$8,267.00
Wesseld, MAR	110400		Chloramphenicol Capsules, 250mg	Gig/Figermany/Ltdl. /Film	XC9K008	10/30/2022		100	20	5.00	\$1.43	0	\$0.00
Wesseld, MAG	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Harmon Paully, "Reprint and their and	170372	03/30/2020		1	29,600	0.78	\$0.22	29,600	\$6,512.00
Wesseld, MAG	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Harmer Pharith (Therman and india into	170372	03/30/2020		1	14	0.78	\$0.22	14	\$3.08
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Berne Parille Formerselise int	170372	03/30/2020		1	20,000	0.78	\$0.22	20,000	\$4,400.00
Wesseld, MAR	10530210		Chloramphenicol Sodium Succinate Inj.,1g	Renau Parille Phone matteries 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	Rennes Parille Parmanential Ltd.	171223	12/30/2020		1	10,000	3.00	\$0.86	10,000	\$8,600.00
Western Mark	10530210		Chloramphenicol Sodium Succinate Inj.,1g	AUGRARY PRANKAGESTSTATE	20CG08	04/30/2023		1	100	1.00	\$0.29	0	\$0.00
Weiner Hill Hall	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

2025/08/08 08:03

Insaction Transaction Sub- Type type ing Balance 250mg (110400) Insaction Transaction Sub- Type type ing Balance	To / From To / From	Donor	Batch 141010 141010	Expiry date 10/30/2017 10/30/2017 Expiry	Pack size 100 100	of packs -50 50		Price per pack (USD) \$2.18 \$2.18	Total pieces -5000 5000	Total value (USD) -\$109.08 \$109.08	Running total pieces -5000 0	Running total value (USD) \$109.08 \$0.00	From / To Code	Geographi region covered by the recipient Geographi region
ng balance 250mg (110400) Insaction Transaction Sub- Type type	To / From			10/30/2017		50						\$0.00		
250mg (110400) Insaction Transaction Sub- Type type	To / From		541010		100			\$2.18	5000	\$109.08	0			
insaction Transaction Sub- Type type	To / From	Dener		Expiry										Geographic region
Type type	To / From	D		Expiry										
		Donor	Batch	date	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	covered by the recipient
					100	-50	0	\$0.00	-5000	\$0.00	-5000	\$0.00		
ng balance					100		0.00		5000	\$0.00	0			
50mg, Pack/20 (145400)														
insaction Transaction Sub- Type type	To / From	Donor	Batch	Expiry date	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
ning Balance			7D02006	03/30/2019	1	-1	2	\$0.69	-1	-\$0.69	-1	-\$0.69		
ng balance			7D02006	03/30/2019	1	1	2.43	\$0.69	1	\$0.69	0	\$0.00		
ins Ty ng t	action Transaction Sub- rpe type Balance	action Transaction Sub- pe type To / From Balance	action Transaction Sub- pe type To / From Donor Balance	action Transaction Sub- pe type To / From Donor Batch Balance 7002006	Transaction Sub- pe To / From Donor Batch Expiry date Balance 7002006 03/30/2019	action Transaction Sub- pe type To / From Donor Batch Expiry date Pack size Bishoce 7002006 03/30/2019 1 alance 7002006 03/30/2019 1	action Transaction Sub- pe type To / From Donor Batch Expiry Pack size of packs Balance 7002006 03/30/2019 1 -1 alance 7002006 03/30/2019 1 3	action Transaction Sub- pe type To / From Donor Batch Expiry Number Price per pack Baisnee 7002006 03/30/2019 1 -1 2 alance 7002006 03/30/2019 1 1 2.43	action Transaction Sub- pe type To / From Donor Batch Expiry date Plack size of packs (Locar) pack (USD) Bialsnee 7000006 03/30/2019 1 -1 2 50.69 silance 7000006 03/30/2019 1 1 2.43 50.69	action Transaction Sub- pe type To / From Donor Batch Cate Pack size of packs (Locar) pack (USD) Total pieces Balance 7000006 03/30/2019 1 -1 2 50.69 -1 alance 7000006 03/30/2019 1 1 2.43 50.69 1	action Transaction Sub- pe To / From Donor Batch Expiry date Pack size Pack size Price per pack (LOcal) Price per pack pack (USD) Price per pack Total value Total value Bialsner 7002006 03/30/2019 1 -1 2 50.69 -1 -50.69 salance 7002006 03/30/2019 1 1 2.43 50.69 1 50.69	action Transaction Sub- pe type To / From Donor Batch date Pack size of pack (USD) Total pieces (USD) Total pieces (USD) action (USD) Price per pack (USD) Total pieces (USD) action (USD) pieces (USD) action (USD)	action Transaction Sub- pe type To / From Donor Batch date Pack selection for the selection of the selectio	action Transaction Sub- pe To / From Donor Expiry date Number Price per pack (Local) Price per pack pack (USD) Total value Total pieces Running total value Running total value (USD) Running total value (USD) From / To (USD) Bialsner 7000006 03/30/2019 1 -1 2 50.69 -1 -50.69 -1 -30.69

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