

Automated Reproductive Health Commodity Logistics System (RHC-LS)



BACKGROUND INFORMATION on RHC LS

Automation System with mobile phones

8 facilities in Dedaye Township since Sep 2014 (Support from RI)

Automation System with computers at State/Regional level

4 states/regions since Sep 2014

- Yangon, Mandalay, Shan (South), Ayeyarwaddy (Support from UNFPA)

Automation System with computers at Township level

Dedaye Township since Sep 2014 (Support from RI)

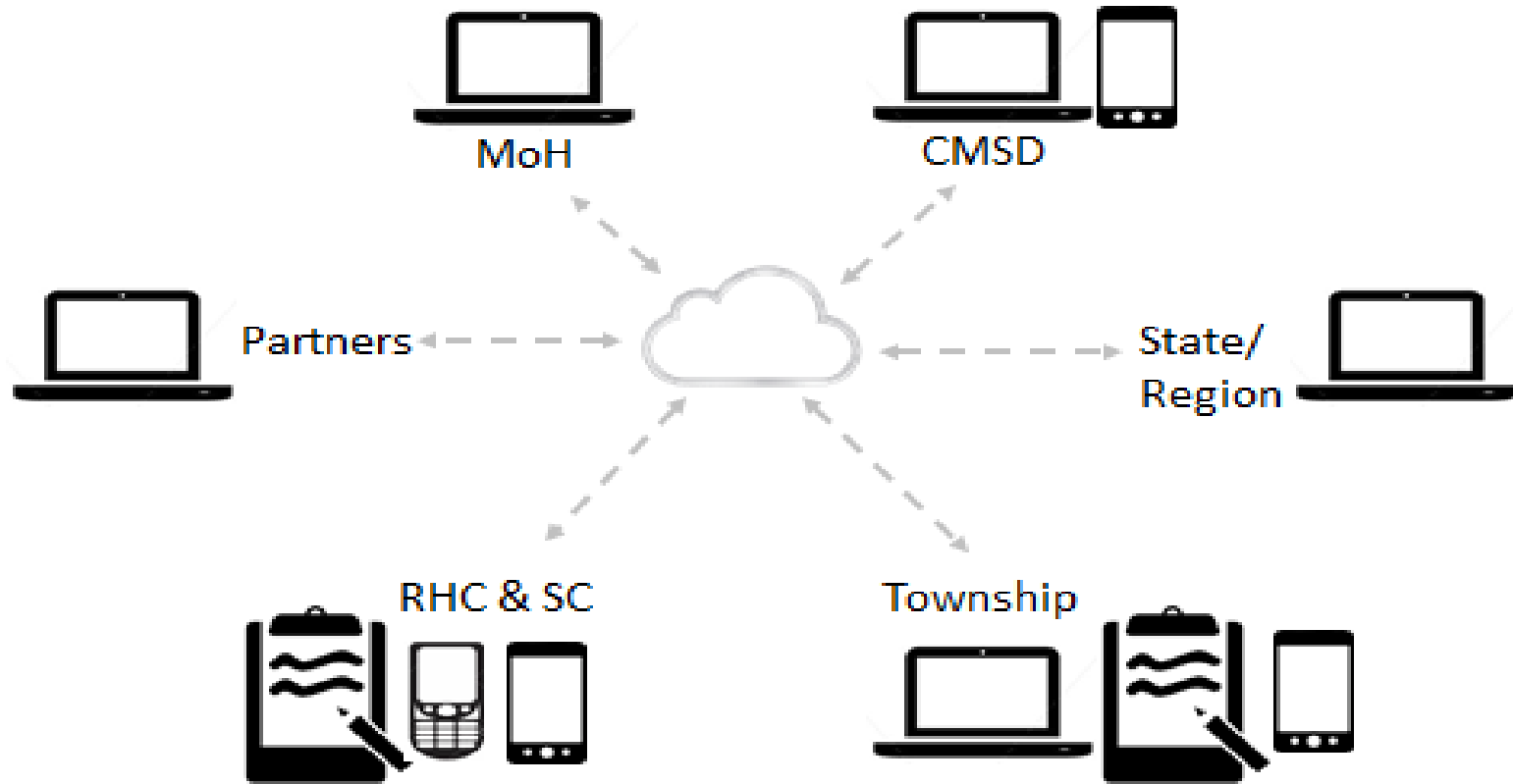
12 townships in four states/regions since May 2015 (Support from UNFPA)

- Shwepyithar, Hlaingtharyar, Thanlyin
- Pyinoolwin, Wudwin, Kyaukse
- Taunggyi, Loilem, Pekon
- Pathein, Ngaputaw, Dedaye



RHC LS Automation (Logistimo)

Figure 3: RHC-LS Automation



Automation in the RHC LS

Central

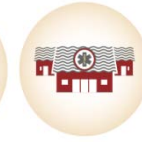
Can see RH commodity data for facilities in 4 States & Regions



Regional



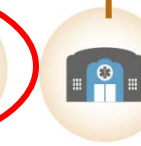
Township



RHC/SC/
SH/MCH



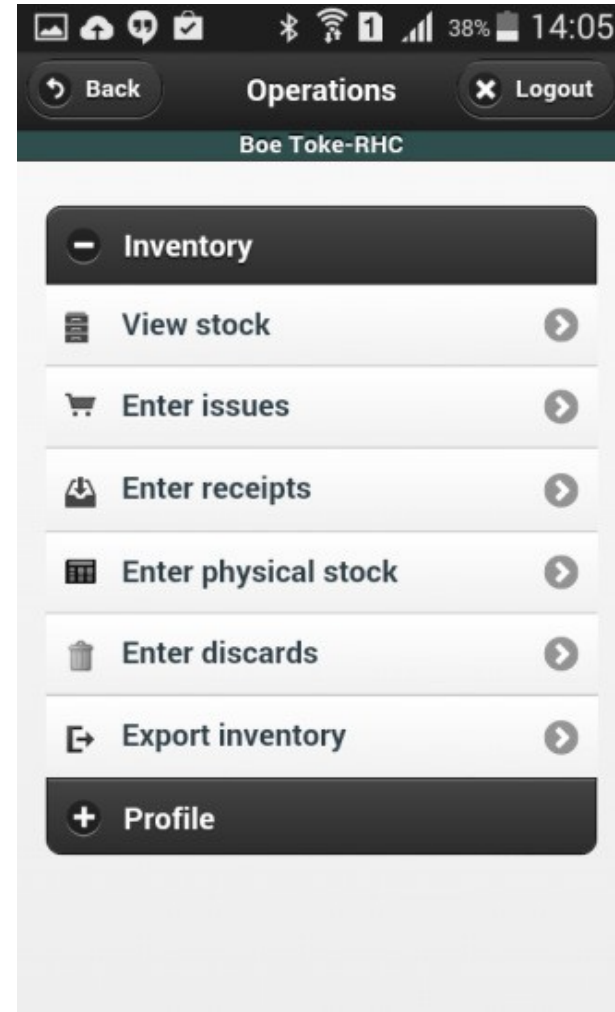
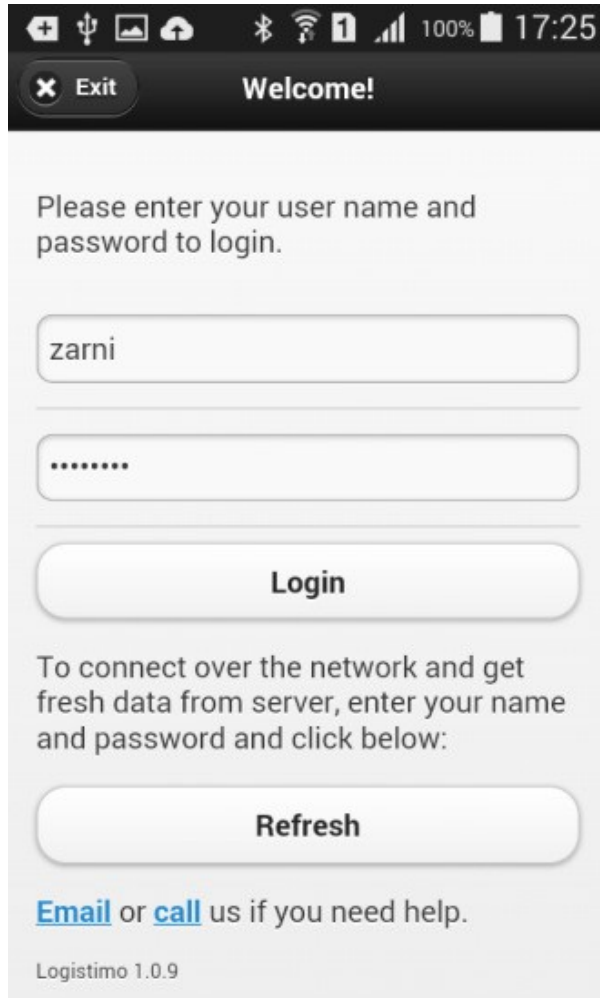
Enter data from paper reports at township level



At Dedayae Tshp mobile data and paper reports available

Reporting with Mobile Phones





INVENTORY CONTROL CARD

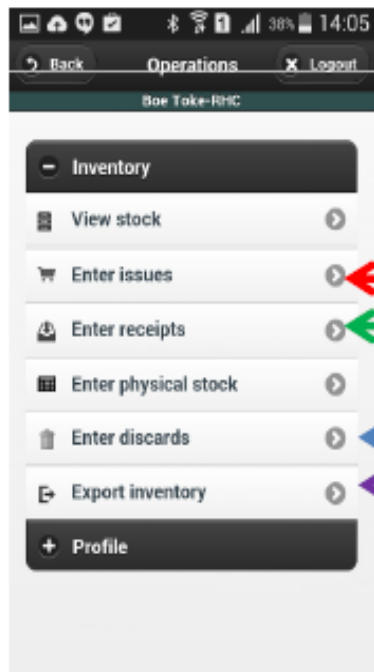
NAME OF HEALTH FACILITY Boe Toke

PRODUCT Amoxicillin 500 mg (vial)
(Product Name, Dosage Form and Strength)

UNIT (vial) Location _____

Max Stock Level	
Emergency Order Point	

Serial No.	Date	Reference #	From/To	Quantity Received	Quantity Issued	Losses	Adjustments	Balance	Signature	Remarks



The relation between the columns in your inventory control card and the operations in Logistimo mobile application is shown.

1. Enter Issues – Quantity Issued
2. Enter Receipts – Quantity Received and Adjustments
3. Enter Physical Stock – Opening Balance
4. Enter Discards – Losses

Users can export your current inventory to your email address by clicking on the Export Inventory option on the Operations page.



CHALLENGES WITH MOBILE AUTOMATION SYSTEM

- Internet Connection/ Power
- Staff knowledge with mobile technology
- Commitment/Ownership/Cost
- Actions taken from the higher level

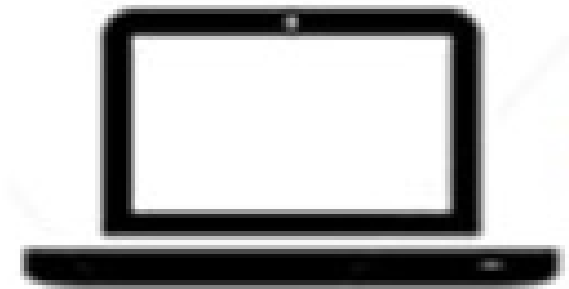


Reporting with Computer at Township Level

MINISTRY OF HEALTH
Department of Health
Facility Stock Report (RHC/SC)

Name of Facility: MCH Check Box for Emergency Orders
 Township: Ngazun REPORTING PERIOD: 25.1.15 to 24.2.15
 State / Region: Aue yan waddy MONTH/ YEAR

S/N	Product Name	Unit	Opening Balance (A)	Quantity Received (B)	Losses/ Adjustments (C)	Stock on Hand (D)	Days Out of Stock (E)	Consumption F = (A + B - C) - D	Adjusted Consumption G = (F / (30 - E)) * 30	Quantity to Order H = For Accessible: (G x 2) - D For Hard-to-Reach: (G x 3) - D
1	Depo-Provera injectable	1 vial	70	0	0	19	0	51	51	63
2	Microgynon oral contraceptive	1 blister pack	66	0	0	29	0	42	42	0
3	Nortelvo Levonorgestrel 1.5 mg (2 tablets per blister pack)	1 blister pack	0	0	0	0	0	0	0	0
4	Urine Test Strip	1 test strip	0	0	0	0	0	0	0	0
5	Misoprostol	1 tablet	98	0	0	90	0	8	8	0
6	Oxytocin for injection	1 amp	10	0	0	2	0	8	8	14
7	Typhilla Test Kit	1 test kit	0	0	0	0	0	0	0	0
8	Haemoglobin Color Scale	Each	0	0	0	0	0	0	0	0
9	Clean Delivery Kit	Each	59	0	0	48	0	16	16	0
10	Copper T IUD (intra uterine device)	Each	0	0	0	0	0	0	0	0
11	Male latex condom	Each	100.00	0	0	97.92	0	2.88	2.88	0
12	Metronidazole 250mg tablet, blister pack	1 blister pack	430	0	0	430	0	0	0	0
13	Gentamicin 40mg/ml, 2ml amp for injection	1 amp	0	0	0	0	0	0	0	0
14	0.9% Sodium Chloride (NaCl) solution for IV	500 ml	0	0	0	0	0	0	0	0
15	Lactated Ringer solution for IV administration	500 ml	0	0	0	0	0	0	0	0
16	Magnesium Sulfate 50% for injection	1 amp	0	0	0	0	0	0	0	0
17	Calcium Gluconate for injection	1 amp	0	0	0	0	0	0	0	0
18	Lidocaine Hydrochloride 2%, 20ml	1 vial	0	0	0	0	0	0	0	0



The system creates the simple template to be the same as paper reports so that township staff can easily enter data from the paper to the template.

MINISTRY OF HEALTH									
Department of Health									
Facility Stock Report - Patheingyi Township									
Shauk Chaung-RHC		← Facility	Reporting Period						
Patheingyi		← Township	Jan	2016	<input type="checkbox"/> Emergency Order				
Ayeyarwady		← Region							

S/N	Product Name	Opening Balance (A)	Quantity Received (B)	Losses/ Adjustments (C)	Stock on Hand (D)	Days Out of Stock (E)	Consumption (F) = (A + B ± C) - D	Adjusted Consumption (G) = For RHC/SC (F/(30-E)) x 30	Quantity to Order (H) = For Accessible: (G x 2) - D For Hard to Reach: (G x 5) - D
1	Depo-Provera (vial)								
2	Oral Contraceptive Pills (blister pack)								
3	NorLevo Levonorgestrel 1.5 mg (blister pack)								
4	Urine Test (strip)								
5	Misoprostol (tablet)								
6	Oxytocin for injection (1 amp)								
7	Syphilis Test (kit)								
8	Haemoglobin Color Scale (each)								

Generate Upload File

Clear Data



The generated upload file name indicates the facility name and the date when it was created. For example, if you have entered data and generate an upload file for facility Shwe Lin Ban-SC on 16th May 2015 then the file name in the folder reads Shwe Lin Ban-SC_16_05_2015.

2	Facility										<input type="checkbox"/> Emergency Order <input type="button" value="Generate Upload File"/> <input type="button" value="Clear Data"/>
3	Shwe Lin Ban-SC ← Facility										
4	Hlaingtharyar ← Township										
5	Yangon ← Region										
6											
7											
8	S/N	Product Name	Opening Balance (A)	Quantity Received (B)	Losses/ Adjustments (C)	Stock on Hand (D)	Days Out of Stock (E)	Consumption (F) = (A + B ± C) - D	Adjusted Consumption (G) = For RHC/SC {F/(30-E)} x 30	Quantity to Order (H) = For Accessible: (G x 2) - D For Hard to Reach: (G x 5) - D	
9											
10	1	Depo-Provera (vial)									
11	2	Microgynon (blister pack)	50	10	0	40					
12	3	NorLevo Levonorgestrel 1.5 mg (blister pack)									
13	4	Urine Test (strip)									
14	5	Miconazole (tablet)									

Microsoft Excel

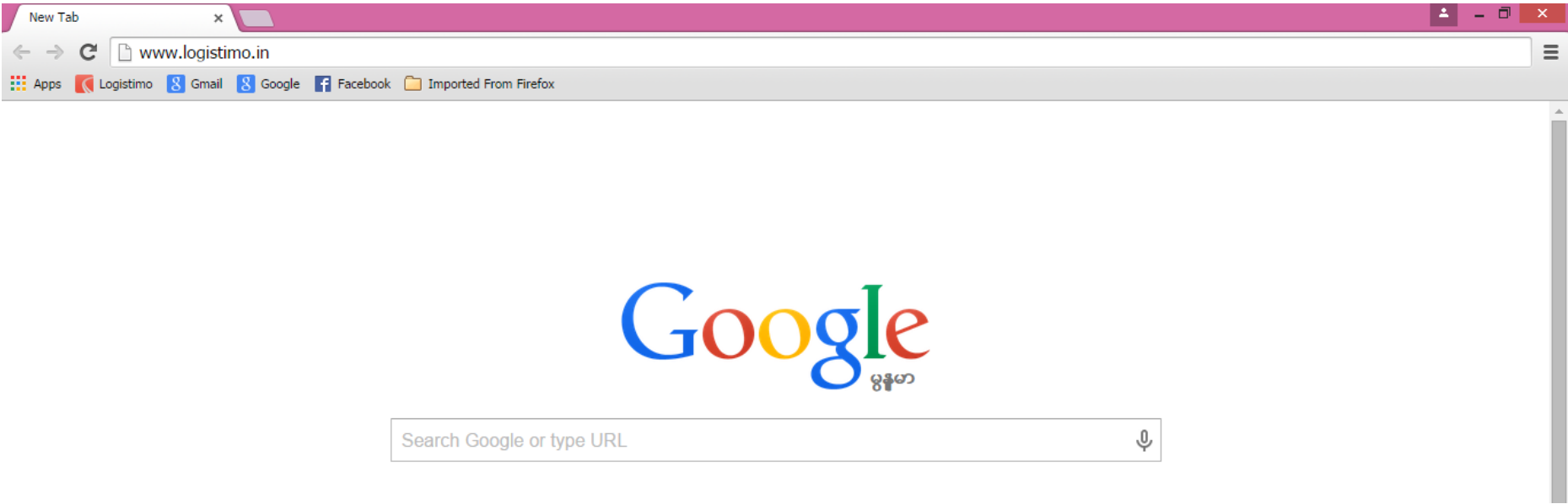
The upload file was saved in
 C:\Users\user\Desktop\RHC-LS\Shwe Lin Ban-SC_16_05_2015.csv
 Please upload this file to the system using the web browser



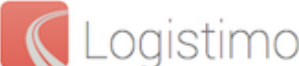
Uploading the digital files to Logistimo System



To go to Logistimo website, type www.logistimo.in in address bar of the web browser and press enter



Enter your Logistimo User ID and Password and click on Login



Language: English ▼

Thank you for using our service!

Please login with your user name and password.

User ID:

Password:

To use the operator console, please login from [here](#).

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Click on the “Choose File” button at the bottom.



Bulk upload of Transactions

Create, modify or delete items in bulk by uploading a file containing relevant data in Comma-Separated Value (CSV) format (one item per line). You can download a formatted CSV spreadsheet below, review instructions in the header, fill it up with data (one item per line), save it as a CSV file, and upload the CSV file.

On completion of upload, you can review the status of your upload on this page. Bulk import of data will take time, so refresh the status using the 'refresh' link (at top-right) after giving sufficient time. Subsequently, verify that the data has been created correctly, as required.

 [Download data file format for Transactions](#) 

Tips for filling data file:

- Review the instructions in the data file header to ensure correctness
- Star (*) implies mandatory fields
- Values having commas (,) should be quoted (") [NOT required if entering in Excel]

Select CSV file for Transactions No file chosen



Logistimo Reports

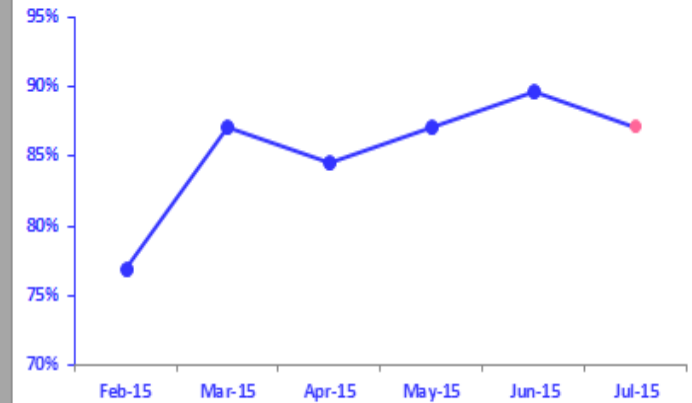


FSR Activity Report

Taunggyi FSR Reporting						
Reporting Period -->	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Taunggyi-MCH1	✓	✓	✓	✓	✓	✓
Taunggyi-MCH2A	✓	✓	✓	✓	✓	✓
Taunggyi-MCH2B	✓	✓	✓	✓	✓	✓
Taunggyi-MCH3	✓	✓	✓	✓	✓	✓
Ayetharyar-RHC	✗	✗	✗	✗	✗	✗
Ham Si-RHC	✓	✓	✓	✓	✓	✓
Kyaut Ta Lone-RHC	✗	✗	✗	✗	✗	✗
Nwang Kar-RHC	✓	✓	✓	✓	✓	✓
Sa Le-RHC	✓	✓	✓	✓	✓	✓
Shwenyaung-RHC	✗	✗	✗	✗	✗	✗
Taung Ni-RHC	✓	✓	✓	✓	✓	✓
A Tone Taw-SC	✓	✓	✓	✓	✓	✓
Het Kei-SC	✗	✓	✓	✓	✓	✓
Hpar Mun-SC	✓	✓	✓	✓	✓	✓
Hpat Kon-SC	✓	✓	✓	✓	✓	✓
Hti Han Sway-SC	✓	✓	✓	✓	✓	✓
Kat Ku-SC	✓	✓	✓	✓	✓	✓
Kone Nyot-SC	✓	✓	✓	✓	✓	✓
Kyauk Ni-SC	✓	✓	✓	✓	✓	✓
Lu Yoe Taung-SC	✓	✓	✓	✓	✓	✓
Mu Yar-SC	✗	✓	✓	✓	✓	✓
Namp Hu Ywar Ma-SC	✗	✓	✓	✓	✓	✗
Nawng Hnig-SC	✓	✓	✓	✓	✓	✓

- ✓ Reported
- ✗ Not-Reported
- Mobile App User

Reporting - 6 months



FSR Stock Status Report

Pekon Stock Report						
RH Commodities	Facilities ----->	Nyaung Pin Tar-SC	Ong Taing-SC	Pekon-MCH	Sa Hnaik Mo Ngan-SC	Sa Hnaik Song Bo-SC
	Consumption	0	16.05	83.15	81.33	278.57
	Months of Stock	No Data	4.36	0.61	1.62	0.14
12 Metronidazole 200mg tablet (blister pack)	Current Stock	680	40	59	330	10
	Reporting Period	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15
	Consumption	70.63	654.95	330.04	54.58	61
	Months of Stock	9.63	0.06	0.18	6.05	0.16
13 Gentamicin 40mg/ml (1 amp)	Current Stock	0	20	15	2	4
	Reporting Period	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15
	Consumption	0	22.47	46.55	6.42	8.99
	Months of Stock	No Data	0.89	0.32	0.31	0.44
14 0.9% Sodium Chloride (NaCl) solution (500 ml)	Current Stock	0	2	2	1	1
	Reporting Period	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15
	Consumption	0	6.93	4.82	1.39	1.85
	Months of Stock	No Data	0.29	0.41	0.72	0.54
15 0.9% Sodium Chloride (NaCl) solution (1000 ml)	Current Stock	0	0	0	0	0
	Reporting Period	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15
	Consumption	0	8.95	9.73	0	1.41
	Months of Stock	No Data	0.00	0.00	No Data	0.00
16 Lactated Ringer solution (500 ml)	Current Stock	0	2	2	0	1
	Reporting Period	Jul-15	Jul-15	Jul-15	Jul-15	Jul-15
	Consumption	1.62	10.68	9.24	1.3	2.35
	Months of Stock	0.00	0.19	0.22	0.00	0.43



FSR Order Report

37		<i>Manual Order</i>	0	0	0	0	
38		<i>Computed Order</i>	0	0	0	0	
39	10	Copper T IUD (each)	<i>Current Stock</i>	17	78	11	93
40		<i>Reporting Period</i>	Jul-15	Jul-15	Jul-15	Jul-15	Ju
41		<i>Manual Order</i>	0	0	0	0	
42		<i>Computed Order</i>	0	0	0	0	
43	11	Male latex condom (each)	<i>Current Stock</i>	0	46	8	1788
44		<i>Reporting Period</i>	Jul-15	Jul-15	Jul-15	Jul-15	Ju
45		<i>Manual Order</i>	500	0	0	0	
46		<i>Computed Order</i>	0	34	0	0	
47	12	Metronidazole 200mg tablet (blister pack)	<i>Current Stock</i>	1167	14542	8140	2319
48		<i>Reporting Period</i>	Jul-15	Jul-15	Jul-15	Jul-15	Ju
49		<i>Manual Order</i>	0	0	0	0	
50		<i>Computed Order</i>	0	0	0	0	
51	13	Gentamicin 40mg/ml (1 amp)	<i>Current Stock</i>	0	0	61	49
52		<i>Reporting Period</i>	Jul-15	Jul-15	Jul-15	Jul-15	Ju
53		<i>Manual Order</i>	0	0	0	0	
54		<i>Computed Order</i>	0	0	0	0	
55	14	0.9% Sodium Chloride (NaCl) solution (500 m	<i>Current Stock</i>	0	46	0	5
56		<i>Reporting Period</i>	Jul-15	Jul-15	Jul-15	Jul-15	Ju
57		<i>Manual Order</i>	0	0	160	0	
58		<i>Computed Order</i>	0	0	60	0	
59	15	0.9% Sodium Chloride (NaCl) solution (1000 m	<i>Current Stock</i>	28	8	0	7
60		<i>Reporting Period</i>	Jul-15	Jul-15	Jul-15	Jul-15	Ju



Results (Automation System at Township Level)



Active Users

8938

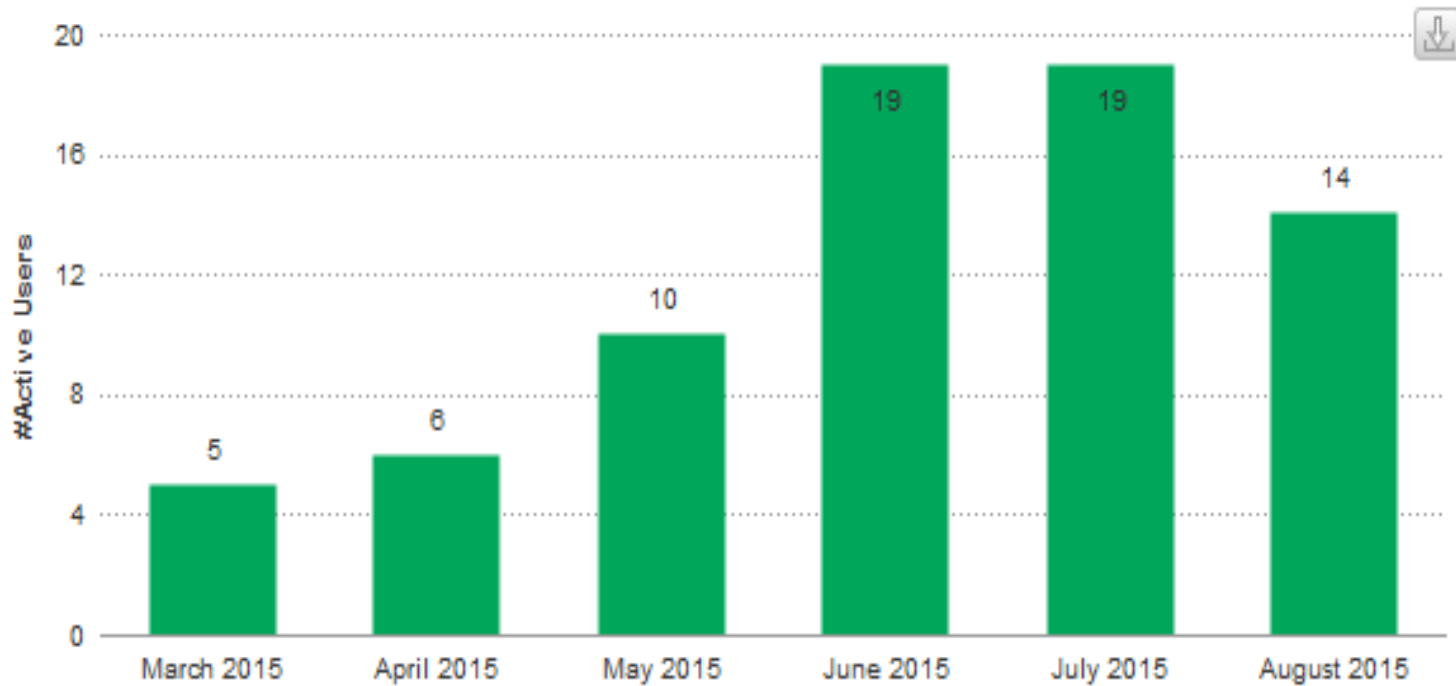
Transactions

14

Active Users

402

Active Entities



Active facilities (Total – 492)

8938

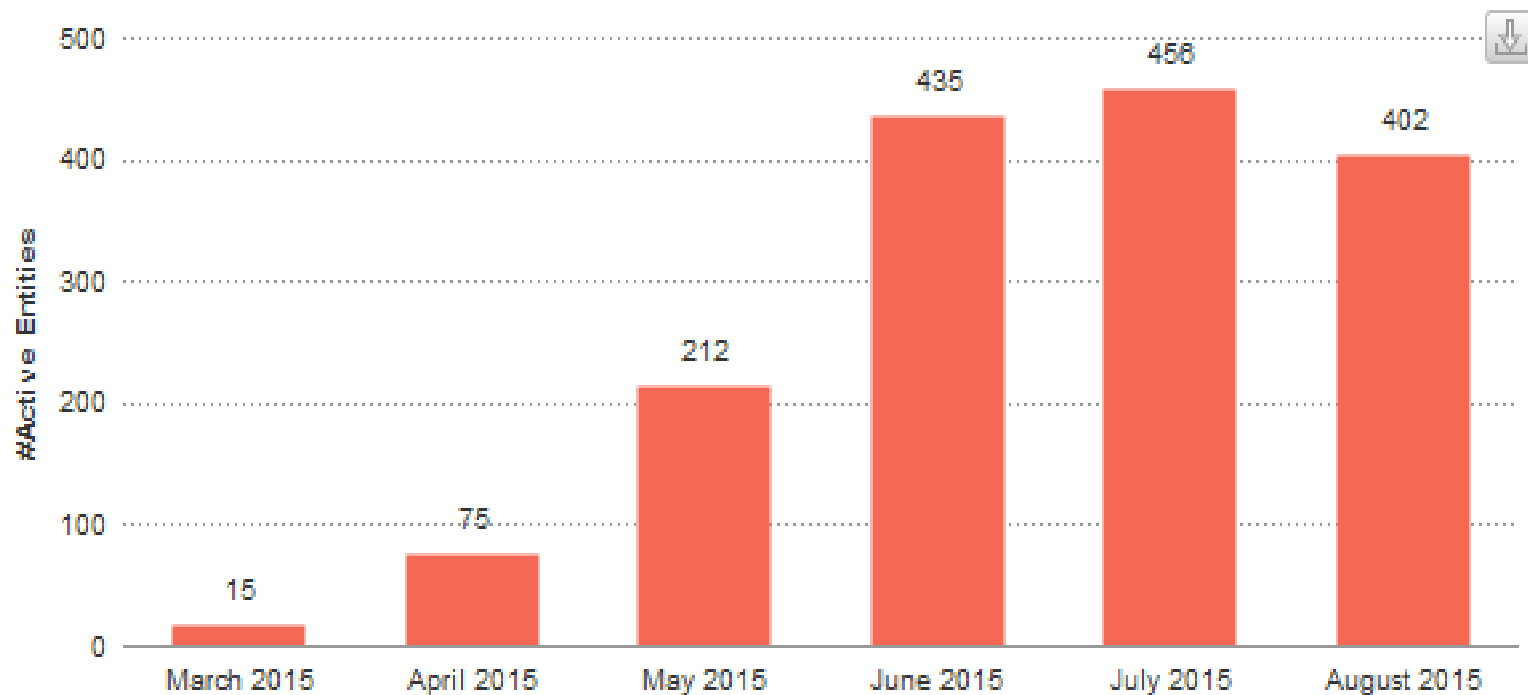
Transactions

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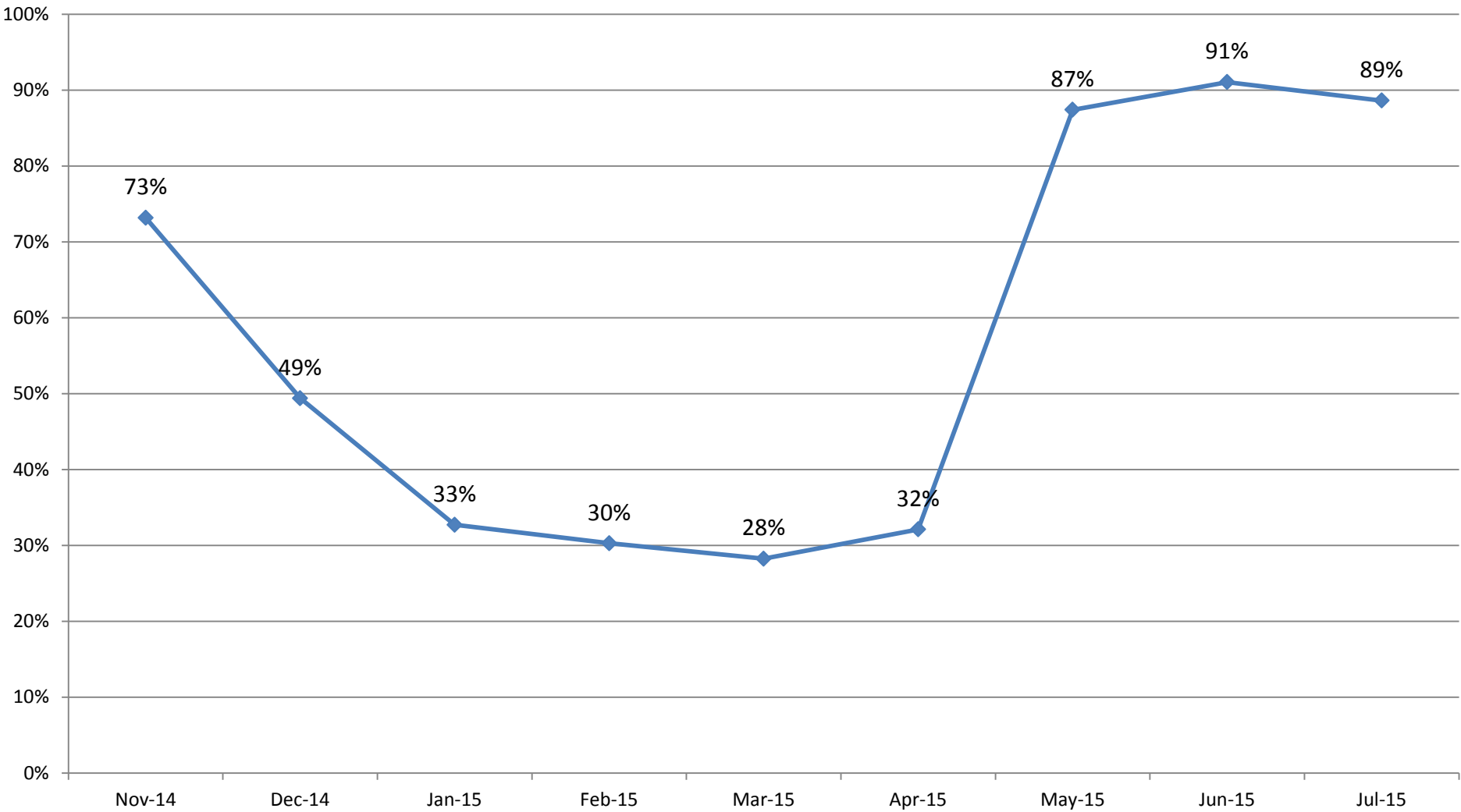
Active Users

402

Active Entities



Reporting Rate (%)



THANK YOU !!!

