



Ministry of Health and Sports

The Republic of the Union of Myanmar

Role of Tablets in Data Compilation, Reporting and Research

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(22 Oct 2019)

Towards Promoting Community Health: Enhancing Efficiency of Basic Health Staff through Mobile Technology

Objectives of Mobile Tablet Distribution

- To strengthen quality and capacity of the health staff
- To promote health literacy of the community
- To be effective in implementation of providing public health care services

Union Minister for Health and Sports handed over Mobile Tablets to Chief Ministers from 7 States & Regions



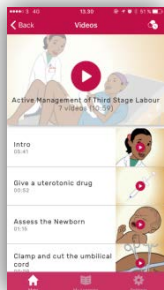
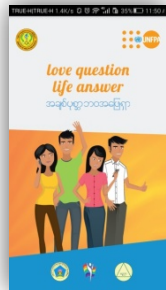
Mobile Tablet Distribution in 7 States & Regions

(From 21-10-2018 to 13-1-2019)

	Kayah	Magwe	Mon	Sagaing	Kayin	Tanin- tharyi	Rakhine	Total
Township & Station Medical Officers	17	80	40	138	37	38	52	402
Basic Health Staff	419	2,665	1,016	3,386	857	729	1,712	10,784
Total	436	2,745	1,056	3,524	894	767	1,764	11,186



Distribution of mobile tablets to Frontline Health Workers – Township, Station Medical Officers and Basic Health Staff



- **Medical Doctors**

- Township & Station Medical Officers
- Documents - >500
- Health Care Applications

- **BHS**

- Health Assistant, LHV, MW, Public Health Supervisor I & II
- Documents - >170
- Health Care Applications

- **Using Mobile Device Management System**

Contents of Mobile Tablet

Mobile tablets for Basic Health Staff

- **Contain more than (170) documents of**
 - **Standardized Health Messages**
 - **SOPs, Guidelines, Manuals and Handbooks**
 - **Newsletters**
 - **Health Promotion Pamphlets, Posters and Comics**

Mobile Tablets for Township & Station Medical Officers

➤ **Contain more than (530) documents of**

- **Public Health and Clinical Manuals**
- **National Health Laboratory References**
- **Food & Drug Safety References**
- **Health Research Literature and Articles**
- **Planning and Government Financial Procedures and Regulations**
- **Rules & Regulation of Civil Servants**
- **Standard Operation Procedures and Handbooks for BHS**

Standardized Health Messages Book



Translated into more than 50 ethnic languages

15 Chapters in Standardized Health Messages Book



15 Chapters in Standardized Health Messages Book

Chapter	Title
1	Infant and Child Health Development
2	Expanded Programme on Immunization
3	Nutrition Promotion
4	School Health
5	Adolescent Health
6	Maternal and Reproductive Health
7	Communicable Diseases
8	Non-Communicable Diseases
9	Healthy Life Styles
10	Elderly Health Care
11	Natural Disaster
12	Standardized Messages for Traditional Medicine
13	Sports and Physical Education
14	Food and Drug Safety
15	General Health Messages

Mobile Applications in Mobile Tablet

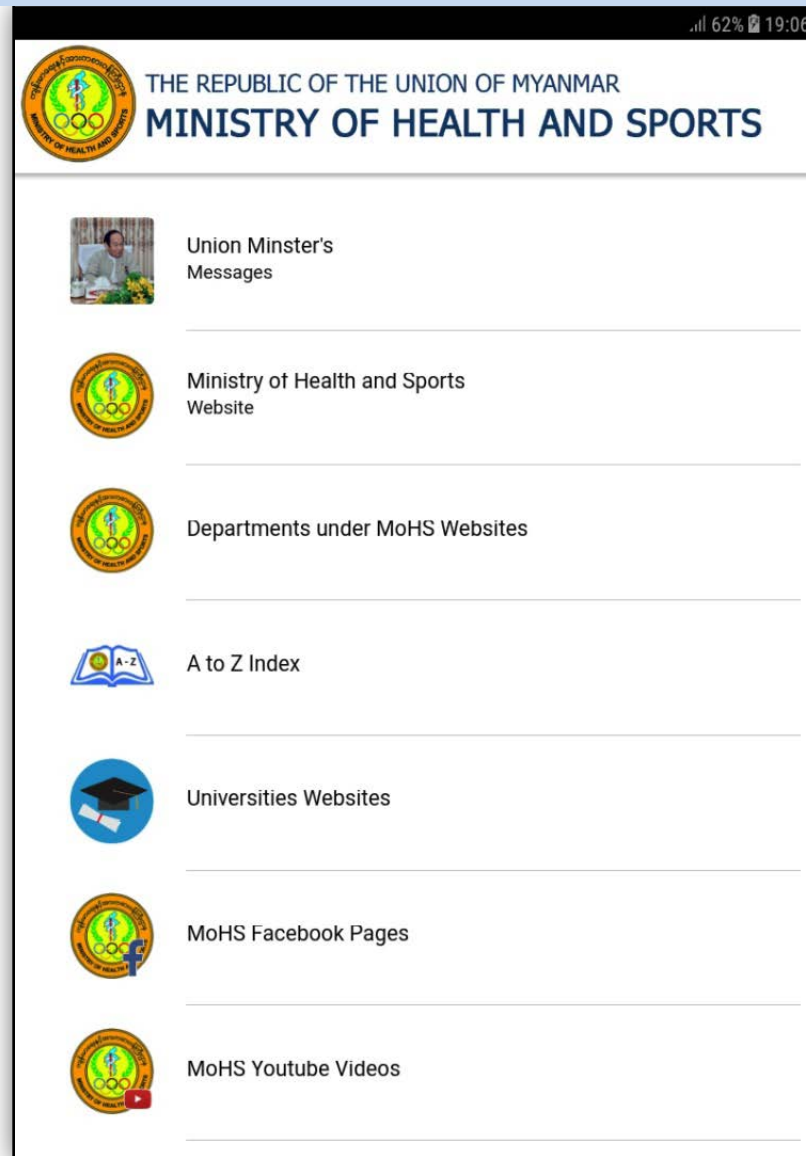
- Health Applications
- Educational Applications
- Social & Communication Applications
- Google Applications
- System Applications



Mobile Device Management (MDM) System



“MoHS Myanmar” Mobile Application

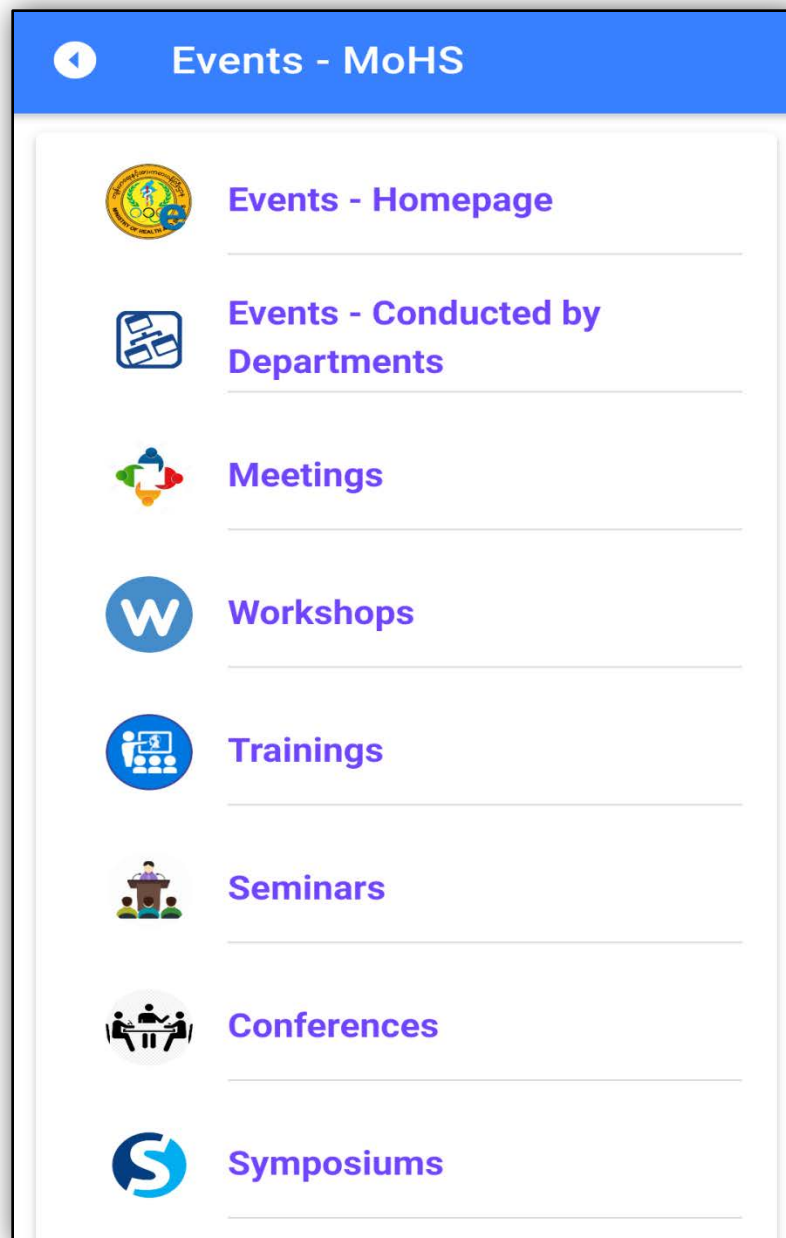


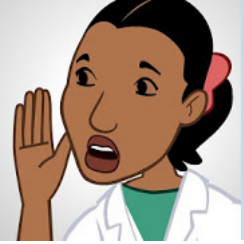
MoHS Events

(Paperless Workshop)

(www.event-mohs.gov.mm)

Mobile Application



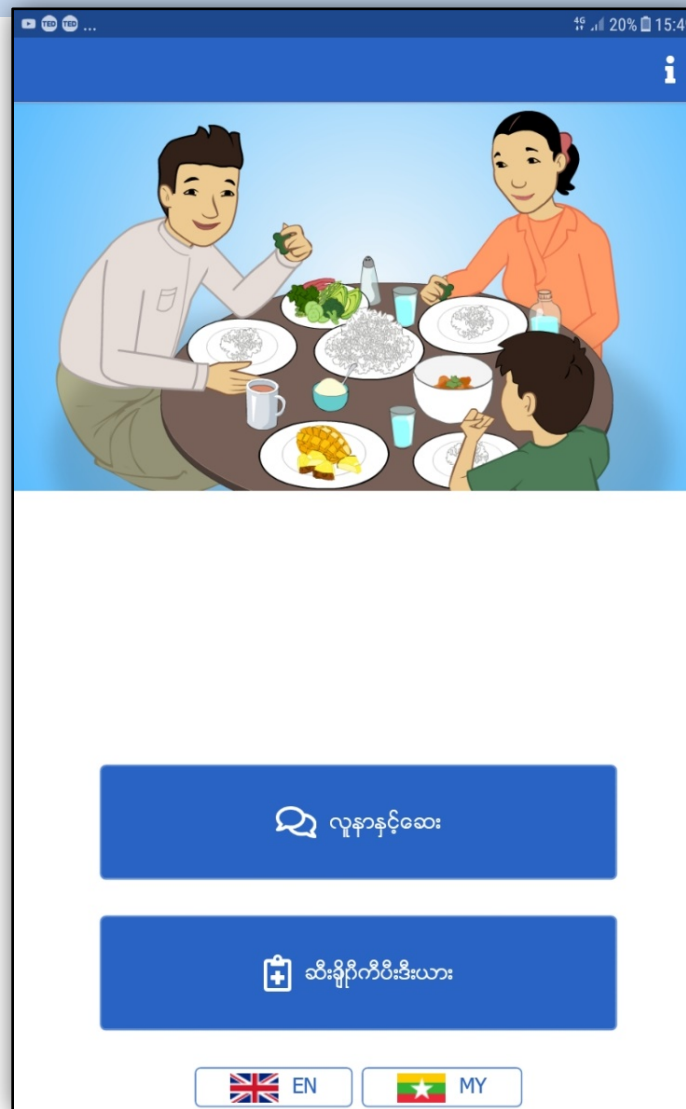


Safe Delivery Application





Diabetes Guide Application

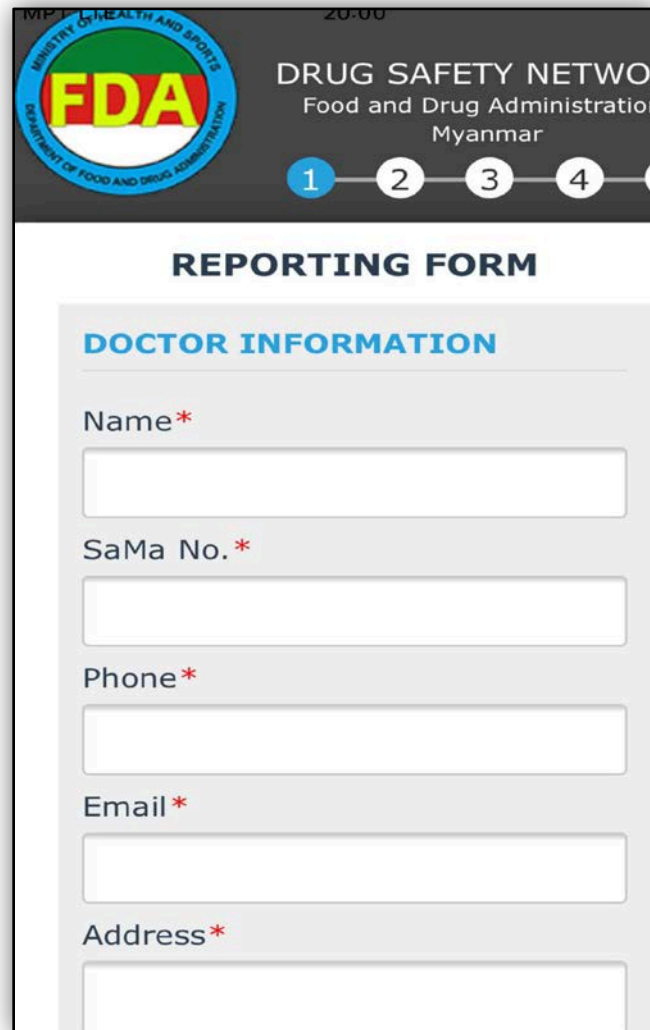




Adolescent & Youth Health Application



Drug Safety Network Application (to report drug allergy)



The screenshot shows a mobile application interface for reporting drug allergies. At the top, there is a header bar with the FDA logo on the left, which includes the text 'MINISTRY OF HEALTH AND SPORTS' and 'DEPARTMENT OF FOOD AND DRUG ADMINISTRATION'. To the right of the logo, the text 'DRUG SAFETY NETWO' and 'Food and Drug Administration Myanmar' is visible. Below this, a progress indicator shows four steps, with the first step (1) highlighted in blue. The main title 'REPORTING FORM' is centered below the header. The form itself is titled 'DOCTOR INFORMATION' in blue. It contains five input fields, each with a red asterisk indicating it is required: 'Name*', 'SaMa No.*', 'Phone*', 'Email*', and 'Address*'. Each field is represented by a white rectangular box with a light gray border.

Health Manpower Database

(<https://hrms-mohs.gov.mm>)



Survey Data Collection via Google Forms

Mobile Tablet များအသုံးပြုခြင်း
ဆိုင်ရာ ဆန်းစစ်မေးခွန်းလွှာ

*Required

Dermographic ဆိုင်ရာ မေးခွန်းများ

အသက် *

Your answer

ကျား၊ မ *

Choose

ပညာအရည်အချင်း *

Choose

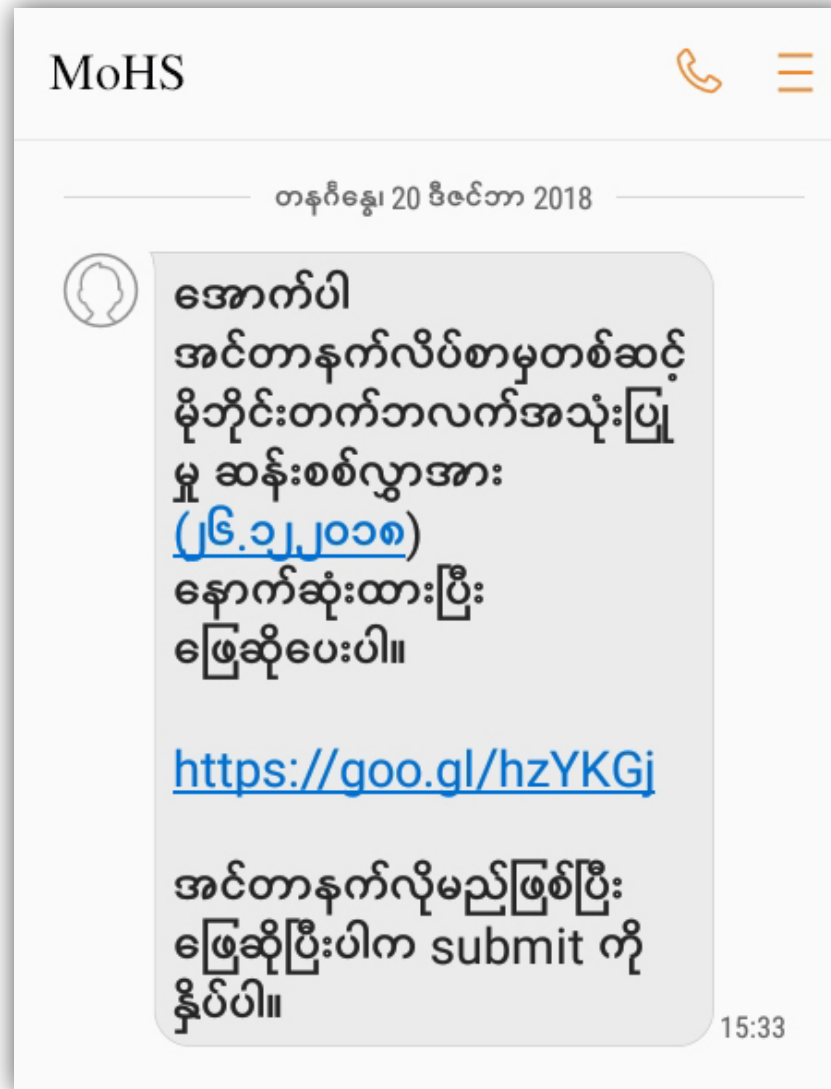
ရာထူး *

Choose

ပြည်နယ်/တိုင်းဒေသကြီး *

Choose

Sending Survey Form Link to Mobile Tablet via SMS





QUESTIONS

RESPONSES

1,365

1,365 responses



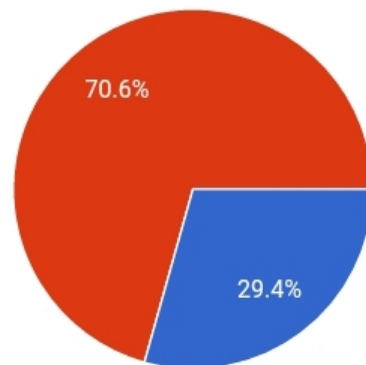
SUMMARY

INDIVIDUAL

Accepting responses



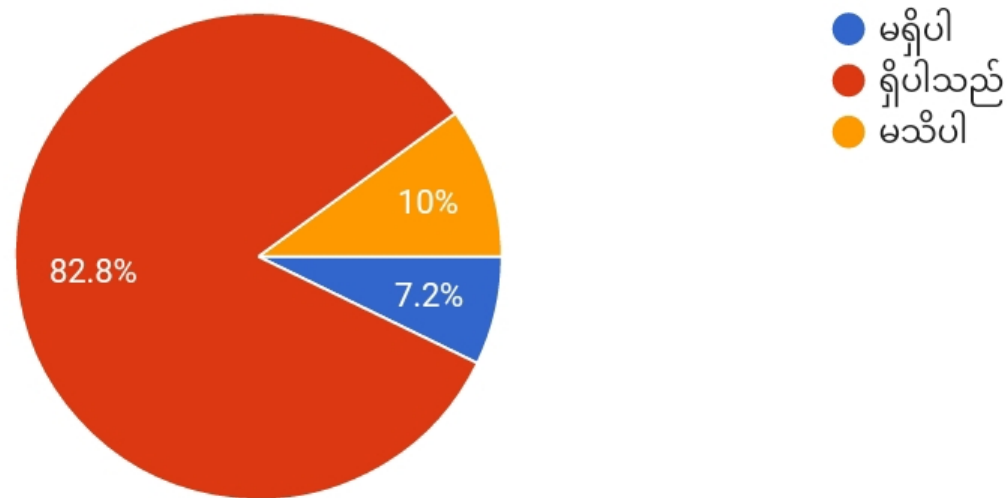
တိုင်းဒေသကြီး/ပြည်နယ်




- ကယားပြည်နယ်
- မကွေးတိုင်းဒေသကြီး

သင်၏ဌာနတွင် အင်တာနက်အသုံးပြု၍ အချက်အလက်များပေးပို့မည့်စနစ်ကို
ရှေ့ပြေးစမ်းသပ်ဆောင်ရွက်မည်ဆိုပါက ပါဝင်လိုသည့်ဆန္ဒရှိပါသလား

1,359 responses



Survey Data Collection via ODK Collect Application

 Health_Facility_Survey_Kayah

ကျန်းမာရေးနှင့်အားကစား
ဝန်ကြီးဌာနလက်အောက်
ရှိ ကျန်းမာရေးဌာနဆိုင်ရာ
အချက်အလက်များကို ကောက်ယူရရှိ
ရန် ရည်ရွယ်ပါသည်။

* ခရိုင်

* မြို့နယ်

* ကျန်းမာရေးဌာနအမျိုးအစား

* ဌာနပိုင်အဆောက်အဦ ရှိပါသလား။

* အဆောက်အဦအရှေ့ဘက်ဓါတ်ပုံ
ရိုက်ပါ။

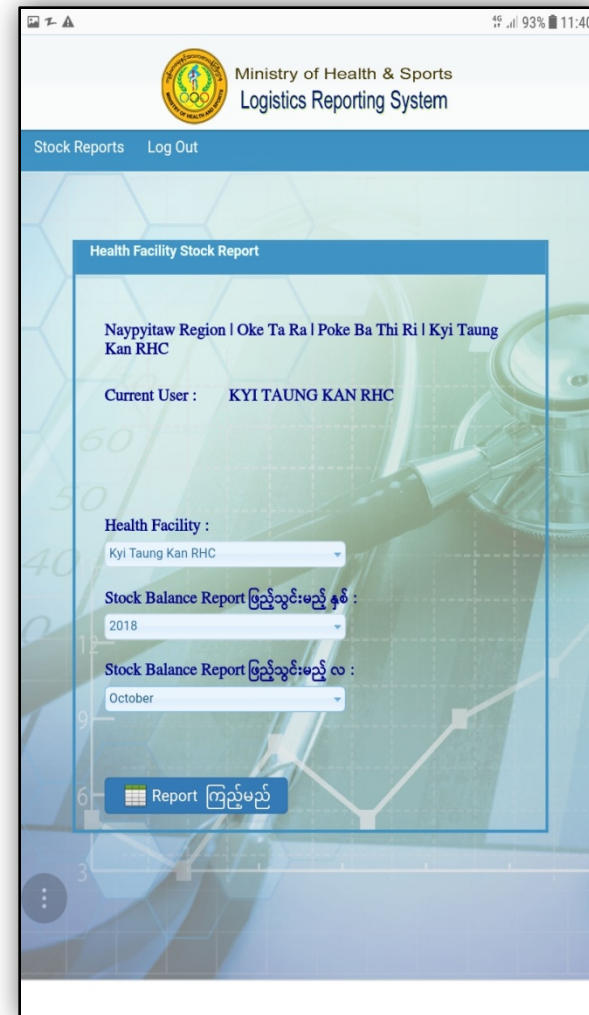
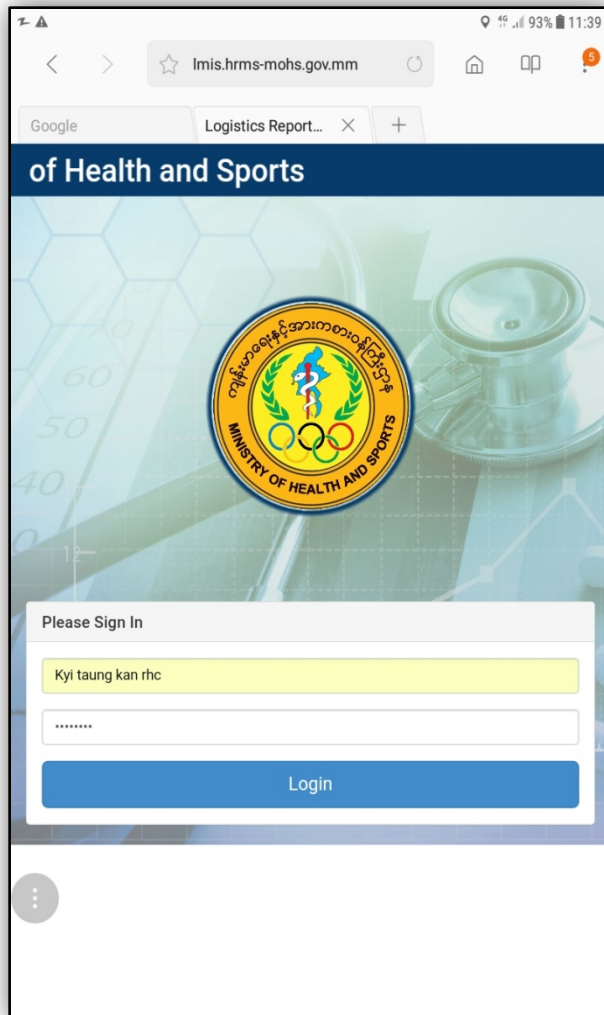
* အဆောက်အဦတည်နေရာကို ဖော်ပြ
ပါ။

ကျန်းမာရေးစောင့်ရှောက်မှုပေးသည့်

Go To Start

Go To End

Logistics Management Information System via Mobile Tablet



<http://Imis.hrms-mohs.gov.mm/>

Expired Drug Report

Drug Expired Report


Naypyitaw Region |

Focused Expired Date : 2019-12-31

ProductName & Strength ✕

	Product Name & Strength (Generic description)	Unit	Expired Date (A)	Township	Hospital	Opening Balance (A)	QTY Received (B)	Closing Balance (D)	QTY Consumed
				Select Filter ▼					
▶	ProductName & Strength: Amoxicillin 500mg Cap (3)								
▼	ProductName & Strength: Amoxicillin + Clavulanic acid 375mg (9)								
	Amoxicillin + Clavulanic acid 375mg	tab	11-01-2019	Lewe	Ela[Lewe]	580	0	580	0
	Amoxicillin + Clavulanic acid 375mg	tab	01-04-2019	Zay Yar Thi Ri	Yezin[Zayyarthiri]	600	0	600	0
	Amoxicillin + Clavulanic acid 375mg	tab	01-11-2019	Lewe	Thawiti[Lewe]	360	0	360	0
	Amoxicillin + Clavulanic acid 375mg	tab	01-11-2019	Lewe	Lewe	744	0	200	544
	Amoxicillin + Clavulanic acid 375mg	tab	30-11-2019	Oke Ta Ra Thi Ri	Oattarathiri-1[NPT]	0	1,580	840	740
	Amoxicillin + Clavulanic acid 375mg	tab	30-11-2019	Pyinmana	Pyinmana	0	1,580	840	740
	Amoxicillin + Clavulanic acid 375mg	tab	30-11-2019	Tatkon	Tatkon	2,135	0	1,535	600
	Amoxicillin + Clavulanic acid 375mg	tab	01-12-2019	Lewe	Lewe	2,100	0	1,800	300
	Amoxicillin + Clavulanic acid 375mg	tab	01-12-2019	Lewe	Thawiti[Lewe]	200	0	200	0
						6,719	3,160	6,955	2924

Early Warning, Alert and Response System (EWARS) in Paper-Based (Daily & Weekly)



Report submission date: () / () / ()
DD MM YYYY

Daily Early Warning, Alert and Response (EWARS) Report for Notifiable Diseases

Department of Public Health, Ministry of Health and Sports, Myanmar


Reporting organization		Reporting period	() / () / () DD MM YYYY	
Name of reporter		Job title		
State/Region		Township		
Name of location		Type of location	<input type="checkbox"/> Temporary shelter <input type="checkbox"/> School <input type="checkbox"/> Monastery <input type="checkbox"/> Relief camp <input type="checkbox"/> IDP camp <input type="checkbox"/> Village <input type="checkbox"/> Ward <input type="checkbox"/> Other:	

Sr.	DISEASE	Code	Cases		Deaths	
			Male	Female	Male	Female
			<5	≥5	<5	≥5
1.	Acute bloody diarrhea (suspected shigellosis)	ABD				
2.	Acute watery diarrhea with severe dehydration (suspected cholera) *	AWD-SC				
3.	Acute watery diarrhea with mild/moderate dehydration	AWD-MD				
4.	Acute jaundice syndrome	AJS				
5.	Severe Acute Respiratory Illness	SARI				
6.	Influenza Like Illness	ILI				
7.	Acute Flaccid Paralysis	AFP				
8.	Suspected Acute Meningitis	MEN				
9.	Suspected dengue hemorrhagic fever*	SDHF				
10.	Fever with rash*	FWR				
11.	Confirmed malaria	CM				
12.	Neonatal tetanus	NNT				
13.	Acute encephalitis syndrome	AES				
14.	Unusual cluster of health event	UCE				
15.	Unexplained deaths	UED				
16.	Unexplained fevers (e.g. Typhoid)	FUO				
17.	Total consultations	C				
18.	Emergency patient referral	R				

Please explain any unusual case, cluster of health event, or unexplained deaths: Please explain syndromes of patients referred.

Please note:

- Immediately notifiable diseases* should be reported immediately.
- HOTLINE CONTACT: xxxxxxx, SHOC room, xxx State/Regional Public Health Department
- Report new cases only (first visit).
- Write '0' (zero) if no case has been reported for any of the above listed diseases. Do not leave any spaces blank.



Report submission date: () / () / ()
DD MM YYYY

Weekly Early Warning, Alert and Response (EWARS) Report for Notifiable Diseases

Department of Public Health, Ministry of Health and Sports, Myanmar

Reporting organization		Epidemiological week number	() / () WW YYYY	
Name of reporter		Job title		
State/Region		Township		
Name of location		Type of location	<input type="checkbox"/> Temporary shelter <input type="checkbox"/> School <input type="checkbox"/> Monastery <input type="checkbox"/> Relief camp <input type="checkbox"/> IDP camp <input type="checkbox"/> Village <input type="checkbox"/> Ward <input type="checkbox"/> Other:	

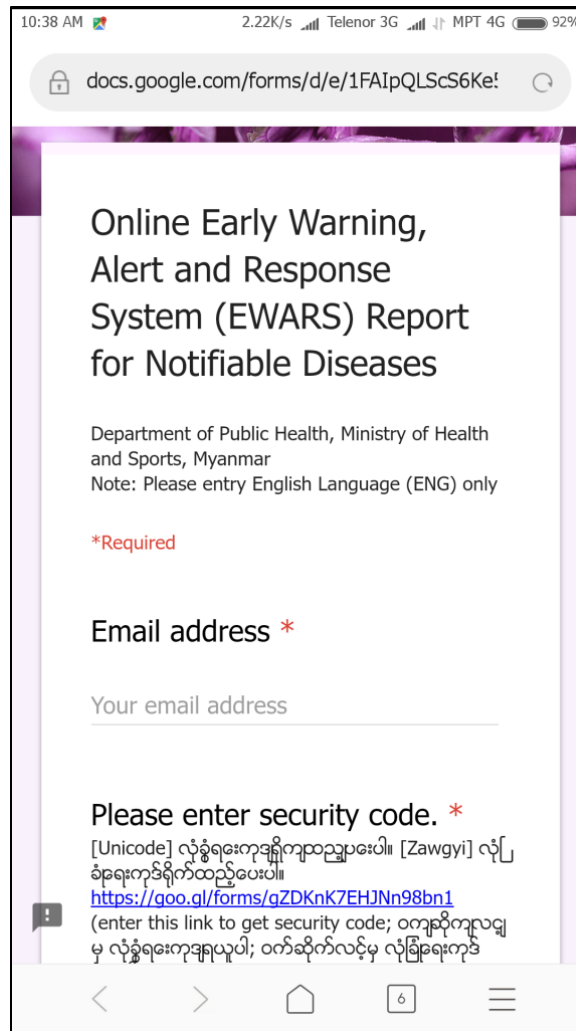
Sr.	DISEASE	Code	Cases		Deaths	
			Male	Female	Male	Female
			<5	≥5	<5	≥5
1.	Acute bloody diarrhea (suspected shigellosis)	ABD				
2.	Acute watery diarrhea with severe dehydration (suspected cholera) *	AWD-SC				
3.	Acute watery diarrhea with mild/moderate dehydration	AWD-MD				
4.	Acute jaundice syndrome	AJS				
5.	Severe Acute Respiratory Illness	SARI				
6.	Influenza Like Illness	ILI				
7.	Acute Flaccid Paralysis	AFP				
8.	Suspected Acute Meningitis	MEN				
9.	Suspected dengue hemorrhagic fever*	SDHF				
10.	Fever with rash*	FWR				
11.	Confirmed malaria	CM				
12.	Neonatal tetanus	NNT				
13.	Acute encephalitis syndrome	AES				
14.	Unusual cluster of health event	UCE				
15.	Unexplained deaths	UED				
16.	Unexplained fevers (e.g. Typhoid)	FUO				
17.	Total consultations	C				
18.	Emergency patient referral	R				

Please explain any unusual case, cluster of health event, or unexplained deaths: Please explain syndromes of patients referred.

Please note:

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- Report new cases only (first visit).
- Write '0' (zero) if no case has been reported for any of the above listed diseases. Do not leave any spaces blank.

Online Early Warning, Alert and Response System (EWARS) Report via Mobile Tablet



10:38 AM 2.22K/s Telenor 3G MPT 4G 92%

docs.google.com/forms/d/e/1FAIpQLScS6Ke!

Online Early Warning, Alert and Response System (EWARS) Report for Notifiable Diseases

Department of Public Health, Ministry of Health
and Sports, Myanmar
Note: Please entry English Language (ENG) only

***Required**

Email address *

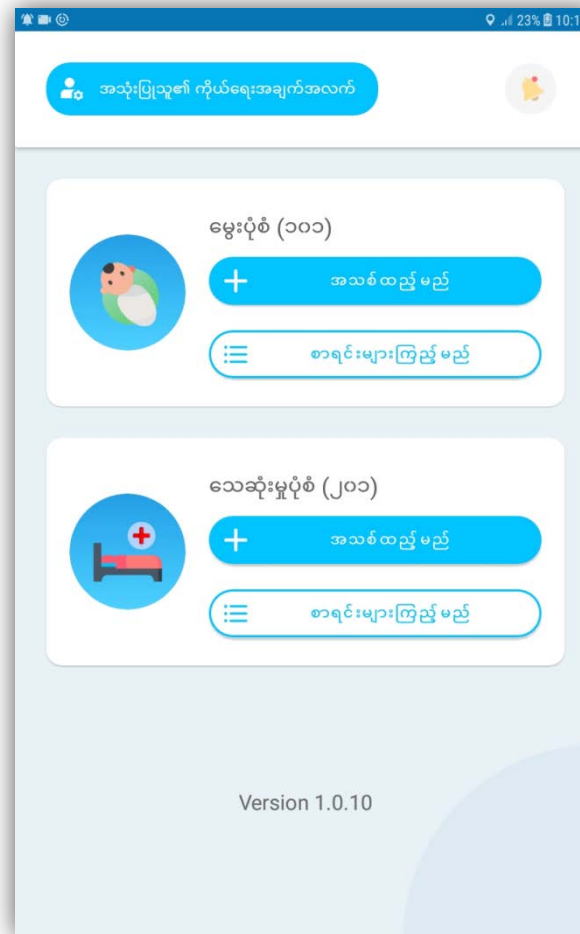
Your email address

Please enter security code. *

[Unicode] လုံခြုံရေးကုဒ်ရရှိရန်လုပ်ဆောင်ပါ။ [Zawgyi] လုံခြုံရေးကုဒ်ရရှိရန်လုပ်ဆောင်ပါ။
<https://goo.gl/forms/gZDKnk7EHJNn98bn1>
(enter this link to get security code; ဝဘ်ဆိုက်လင့်ခ်မှ လုံခြုံရေးကုဒ်ရရှိရန်လုပ်ဆောင်ပါ။)

<https://goo.gl/forms/sODhmQ5LPMEqFcyy2>

MBDR Mobile Application (Birth and Death Registration)



MBDR Mobile Application (Birth and Death Registration)

မွေးပုံစံ (၁၀၁)

တည်နေရာ နှင့် မှတ်ပုံတင်ရန် အချက်အလက်

ပြည်နယ်/တိုင်း * ခရိုင် *

--ရွေးချယ်ပါ--

မြို့နယ် (သို့မဟုတ်) မြို့ * ဧရိယာ *

ဧရိယာအညွှန်းကုန် အစိုးရ ဆေးရုံအမည်

00

မွေးဖွားသည့် ရက်စွဲ *

ရွှေ့သို့ →

မွေးပုံစံ (၁၀၁)

တည်နေရာ နှင့် မှတ်ပုံတင်ရန် အချက်အလက်

ပြည်နယ်/တိုင်း * ခရိုင်

ကယားပြည်နယ် လွိုင်ကော်ခရိုင်

မြို့နယ် (သို့မဟုတ်) မြို့ * ဧရိယာ

ဒီးမော့ဆို မြို့မြို့

ဧရိယာအညွှန်းကုန် အစိုးရ ဆေးရုံအမည်

-

မွေးဖွားသည့် ရက်စွဲ

2019-10-10

ကလေးမွေးဖွားမှု အချက်အလက်

မွေးဖွားမှု အရင်မွေး မှတ်ပုံတင်သည့် ရက်စွဲ

အရင်မွေး 2019-10-22

မွေးဖွားသည့် နေရာ ကလေးအမည်

အစိုးရဆေးရုံ -

ကျား/မ

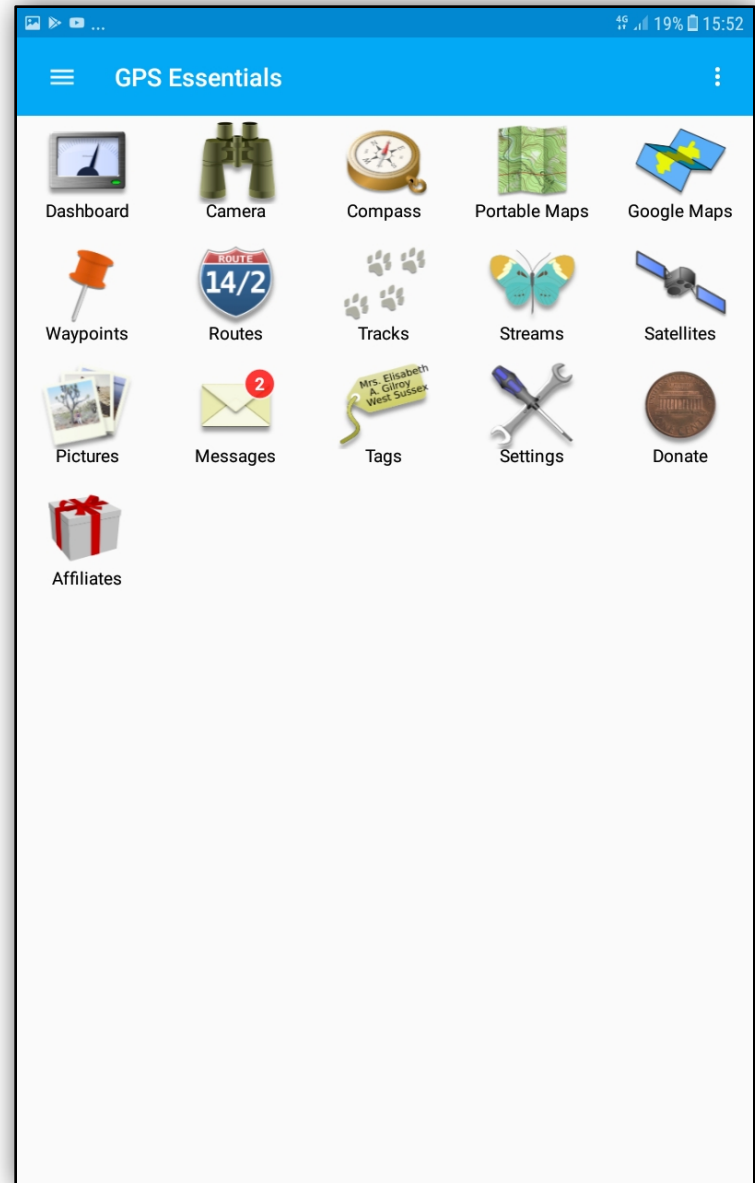
ကျား

မိဘ၏ ကိုယ်ရေးအချက်အလက်

Offline သိမ်းမည် Online ပြန် ပို့မည်



GPS Essentials Application



Educational Applications



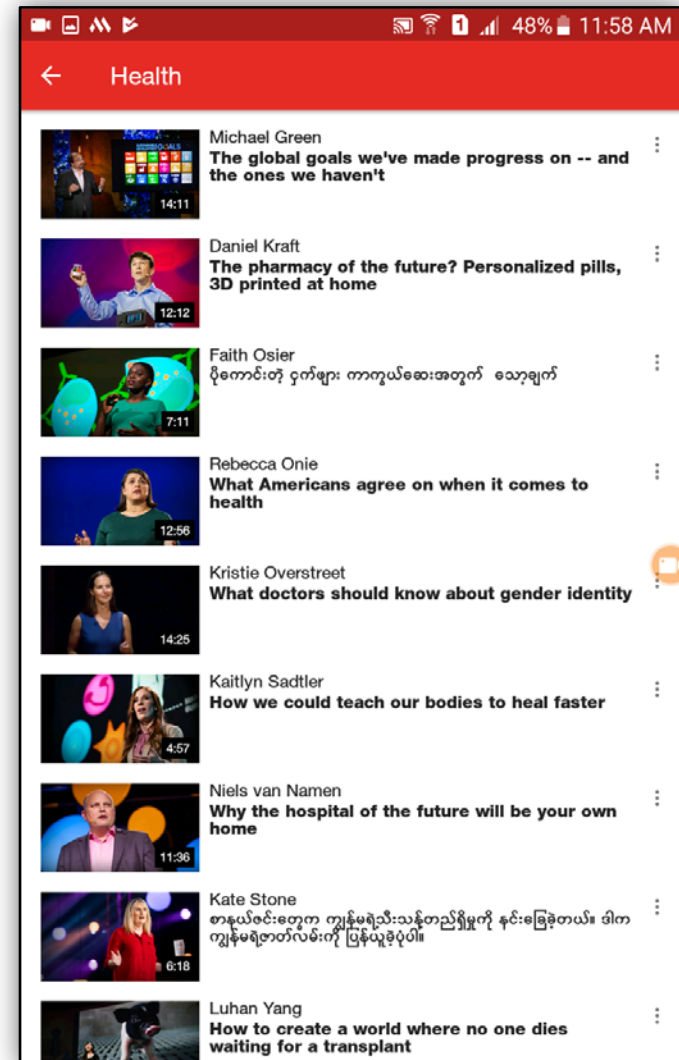
TED talks



Merriam-Webster



Ornagai



Training of Trainers (TOT) on Mobile Tablet Usage



Training of Trainers (TOT) on Mobile Tablet Usage



Logistics Management Information System via Mobile Tablets



Health Literacy Promotion Using Mobile Tablets in Rural Health Centers and Sub Rural Health Centers



Health Literacy Promotion Using Mobile Tablets in Rural Health Centers and Sub Rural Health Centers



Health Literacy Promotion Using Mobile Tablets in Rural Health Centers and Sub Rural Health Centers



Health Literacy Promotion Using Mobile Tablets in Rural Health Centers and Sub Rural Health Centers



Providing Medical Care Using Mobile Tablets in Station and Township Hospitals



**Questions, comments and suggestions
would be greatly appreciated !**