



# Early Warning, Alert and Response System (EWARS)

Database User Manual

Disaster and Public Health Emergency Response Division  
Department of Public Health  
Ministry of Health and Sport (MoHS)  
Myanmar

VERSION 1.1 | 18 DEC 2018

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## Rationale

Under the stewardship of the Ministry of Health, Department of Public health has been implementing the disease surveillance and response in coordination with the related ministries, UN agencies, NGO and INGO and CSOs. Routine surveillance covers both indicator and event-based surveillance from sub-centre level to the Ministerial level. Monthly reporting of 17 Disease under National Surveillance, weekly reporting of integrated disease surveillance including Vaccine Preventable Diseases and immediate reporting of unusual event are sensitive enough to detect the outbreaks at all levels.

Myanmar has been facing with natural disasters and social disasters in the recent decades. All those disasters have impact on the health care delivery system, environmental and socio-economic determinants which favor the transmission of communicable diseases. After 2008 Cyclone Nargis which is the worst-ever disaster of the country, the Ministry of Health Myanmar has learnt a lot of lessons from the experiences not only on disaster management but also on disease surveillance, prevention and control.

Since then the Ministry of Health has been taking the leading role for EWARS and WHO has been facilitating the coordination with health partners and supporting technical and logistic supports whenever the country faces with the disasters.

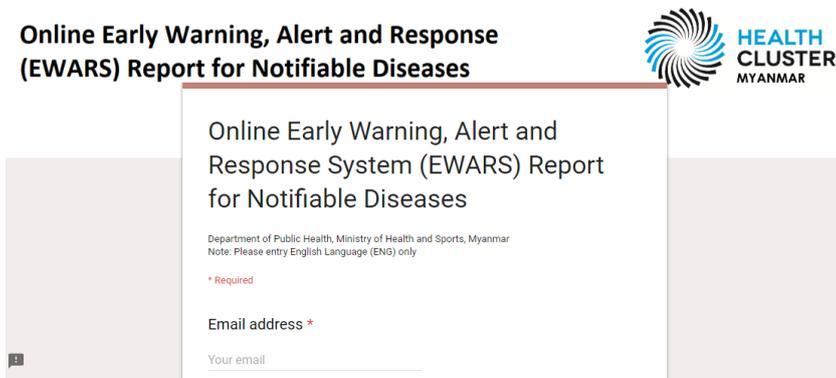
After the social disaster in 2012 in Rakhine State, EWARS has been activated by the Ministry of Health in combination with the provision of emergency health care to the displaced population in Rakhine state in collaboration with the health cluster partners. The Ministry of Health has been strengthening EWARS with the assistance of the World Health Organization and health cluster partners in order to respond efficiently and effectively with life-saving interventions for the temporary camps and community. With the purpose of enhancing EWARS, Standard Operating Procedures for EWARS was updated in accordance with the current situation followed by development of a concrete database.

This database could be a useful M&E tool for the Disaster and Public Health Emergency Response (DPHER) Unit of Department of Public Health, particularly in disaster and conflict affected areas leading to prompt actions to save the lives of the people.

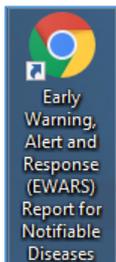
## Get started of EWARS online

Online Early Warning, Alert and Response System (EWARS) Report for Notifiable Diseases can easily and simply start several ways as following:

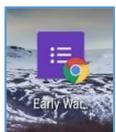
- Go and enter to link: <https://goo.gl/forms/sODhmQ5LPMEqFcy2> for internet connected computer **(OR)**



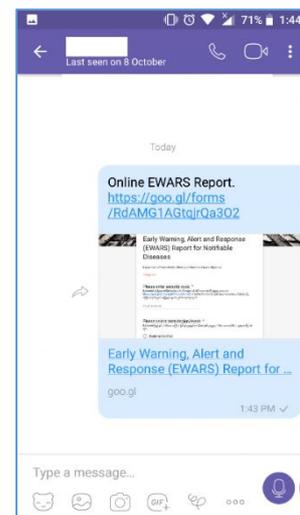
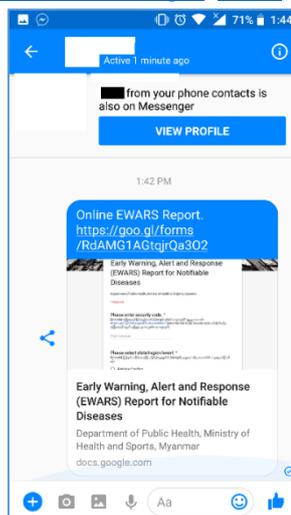
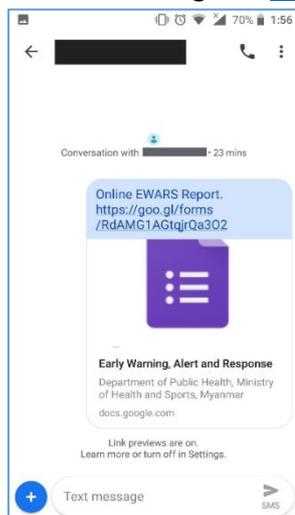
- Enter with the shortcut of Early, Warning, Alert and Response System (EWARS) Report for Notifiable Diseases in [Mac OS](#), [Windows OS](#), [Chrome OS](#), [Unix](#) with internet connected **(OR)**



- Enter with Home Screen Widget of Early, Warning, Alert and Response System (EWARS) Report for Notifiable Diseases in [Android OS](#) with internet connected **(OR)**



- Enter with Messages of [SMS](#), [Facebook Messenger](#), [Viber](#), and so on with internet connected



## System requirement EWARS



**Photo Credit:** QR Code Press

- Run on internet connected computers (smartphone, tablet, laptop, desktop, Smart TV, etc. which are powered by Android, Windows, iOS, Mac, Linux, etc.)
- Use any built-in browser without need any additional hardware, operation system, application, and user setup

**(OR)**

- Install [Google Chrome](#) (more simple, secure, and faster than ever) and see system requirements at this link: <https://support.google.com/chrome/a/answer/7100626?hl=en>

### Update online EWARS report

- Get automatic update forms and formats with stable link
- Setup new apps and technical processes which are not requiring for using update online EWARS report
- Enter a link to another can support more and more smooth

### Set up your computer

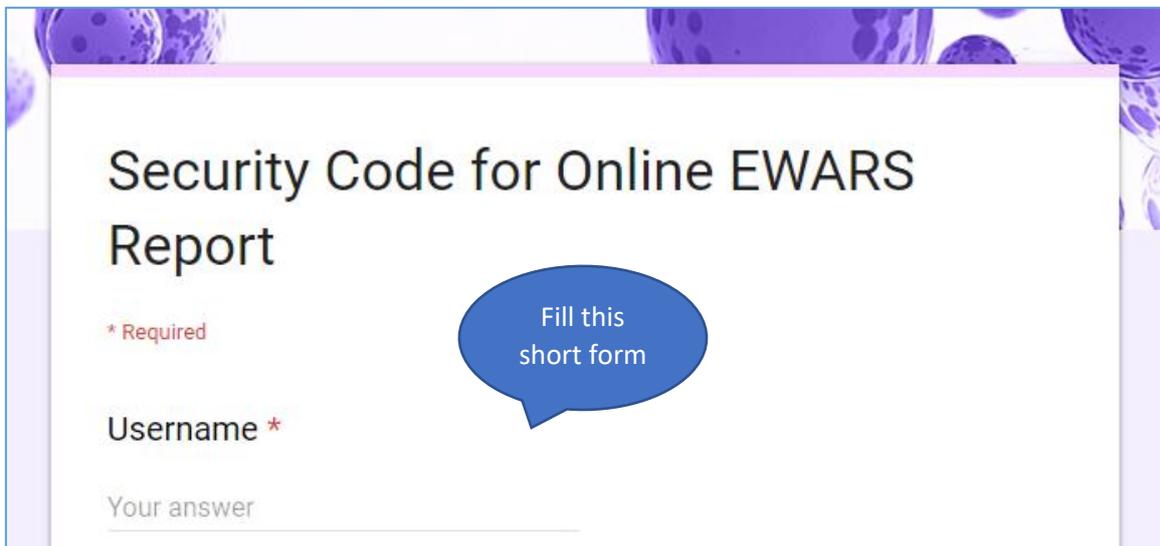
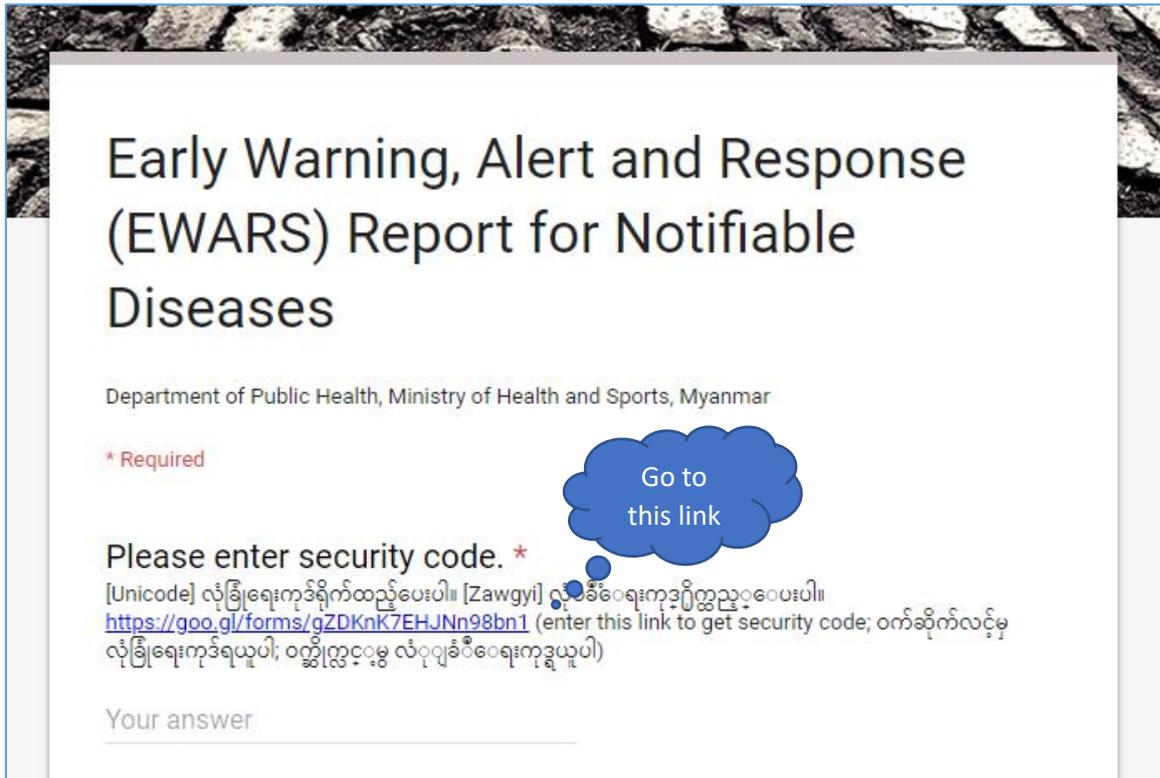
- Connect any kind and speed of internet (Mobile/Cellular Data, Wi-Fi, Network Cable etc.)
- Copy the Website Link of Online EWARS Report from one device to other
- Make easy to enter with (1) Add to Home Screen, (2) Desktop Shortcut, (3) Favorite List

### Necessary EWARS database and dashboard

- [MS Excel Online](#) can use on the reliable browser of internet connected computers for online dashboard reports' users
- Install [MS Excel](#) for dashboard reports' users and [MS Access](#) for database's advanced users

### Basic of EWARS online

#### Secure online EWARS report



- Share the website link of online EWARS report (<https://goo.gl/forms/sODhmQ5LPMEqFcy2>) to specific person who submit information
- Sign up "Security Code by Online EWARS Report" with Google Form
- Get your "Security Code" by email
- Use "Security Code" for a requested person only (**please, do not share with other**)
- Edit or delete the existing profile that can support with email

Easy and quick entry

**Please select state/region/event. \***  
 [Unicode] ပြည်နယ် / တိုင်းဒေသကြီး / ဖြစ်ရပ်ရွေးချယ်ပါ။ [Zawgyi] ဂျပန့ယု / တိုင်းဒေသဆက်ီး / ဂျဖစူ ပုဂံဂြးခိယွ။

Rakhine -- weekly report

Disaster response -- daily report

**select your data only**

**Go to right place**

**NEXT**

Never submit passwords through Google Forms.

- Few data typing and choose answer that can save your working time in real-life
- Select Other that must need to fill your customaries data entry (typing) input
- Go to the next page depend on your current selection that can help your selection quick

Notifications

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

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

**\* Required**

**Please enter security code. \***  
 [Unicode] လုံခြုံရေးကုဒ်ရိုက်ထည့်ပေးပါ။ [Zawgyi] လုံစခီေးကုဒ်ဂြိုက္ကည့ေးပေးပါ။  
<https://goo.gl/forms/gZDKnK7EHJNn98bn1> (enter this link to get security code; ဝက်ဆိုက်လင့်မှ လုံခြုံရေးကုဒ်ရယူပါ; ဝက္ခိက္ကည့ေး လုံစုခီေးကုဒ်ယူပါ)

Your answer

**This is a required question**

- Pay attention to every questionnaire with \* sign that are required (i.e. need to entry somethings)
- If you skip these required questions, you cannot go to next session

Control data entry for standard location

**Please enter Pcode/location name. \***  
 [Unicode] Pcode / တည်နေရာကို ရိုက်ထည့်ပေးပါ။ [Zawgyi] Pcode / တည်နေရာကို ရိုက်ထည့်ပေးပါ။  
<https://drive.google.com/file/d/1CkBDRD9Y8CQgBebJuoOvZEbaovGAXMJ/view?usp=sharing>  
 Your answer

look Pcode on this link

- Recommend the typing of MIMU Pcode that is the major filling type
- Have the standard Pcode of Ward that is MMR##### (15 character)
- Have the standard Pcode of Village that is ##### (6 number)

Screenshots (real work practices)

Screenshots (start page)

**Please enter security code. \***  
 [Unicode] လုံခြုံရေးကုဒ်ရိုက်ထည့်ပေးပါ။ [Zawgyi] လုံခြုံရေးကုဒ်ရိုက်ထည့်ပေးပါ။  
<https://goo.gl/forms/gZDKnK7EHJNn98bn1> (enter this link to get security code; ဝက်ဆိုက်လင့်ခ်မှ လုံခြုံရေးကုဒ်ရယူပါ; ဝက်ဆိုက်လင့်ခ်မှ လုံခြုံရေးကုဒ်ရယူပါ)  
 000000 entry  
**Please select state/region/event. \***  
 [Unicode] ပြည်နယ် / တိုင်းဒေသကြီး / ဖြစ်ရပ်ရွေးချယ်ပါ။ [Zawgyi] ဂျပန်ယူ / တိုင်းဒေသဆက် / ဂျပန် ဟုတ်ခေါ်ယူ။  
 Rakhine Conflict  
 Test Event -- daily report  
 Other: \_\_\_\_\_  
 NEXT  
 select for next

- Entry security code that represent username and organization, and select state/region/event

Screenshots (second page based on previous 'event' selection)

Rakhine Conflict  
**Please select township. \***  
 [Unicode] မြို့နယ်ရွေးချယ်ပါ။ [Zawgyi] မြို့နယ်ရွေးချယ်ပါ။  
 Bhamo  
 Chipwi  
 Hpakant  
 Injangyang  
 select on this list depending on Event selected

- Show township list depend on the previous selection of state/region/event

Screenshots (second page recording location and consultation values)

**[Optional] Please enter location name | pcode when you chose near location.**  
[Unicode] အနီးဆုံးနေရာကို ရှင်းပြပါက Pcode / တည်နေရာကို ရိုက်ထည့်ပေးပါ။ [Zawgyi] အနီးဆုံးနေရာကို ရှင်းဖွယ်ပါက Pcode / တည်နေရာကို ရိုက်ထည့်ပေးပါ။

Your answer \_\_\_\_\_

**Please select location type. \***  
[Unicode] တည်နေရာအမျိုးအစားကို ရှင်းပါ။ [Zawgyi] တည်နေရာအမျိုးအစားကို ရှင်းပါ။

- Temporary shelter
- School
- Monastery
- Relief camp
- IDP camp
- Village
- Ward
- Other: \_\_\_\_\_

**Please enter epidemiological week. \***  
[Unicode] ကြေးမုံ ရက်သတ်တစ်ခု ထည့်သွင်းပါ။ [Zawgyi] ကြေးမုံ ရက်သတ်တစ်ခု ထည့်သွင်းပါ။

45 \_\_\_\_\_



- Enter Pcode/location name (that can see more detail on control data entry for standard location) and select location type
- Enter epidemiological week (OR) enter actual date that are depend on the previous selection of state/region/event



Screenshots (detail pages depending on previous disease selection)

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

\* Required

**6. Influenza Like Illness**

Sudden onset of symptoms  
And at least one of the following four systemic symptoms: (1)Fever (2)Malaise (3)Headache (4)Myalgia And at least one of the following three respiratory symptoms: (1) Cough (2)Sore throat (3)Shortness of breath

**Cases -- less than 5 years old \***  
[Unicode] အသက် ၅ နှစ်အောက် အရေအတွက် [Zawgyi]

Your answer

**Deaths -- less than 5 years old \***  
[Unicode] အသက် ၅ နှစ်အောက် သေဆုံးသူ [Zawgyi] အသက် ၅ နှစ်အောက် သေဆုံးသူ

Your answer

**Cases -- 5 years old and above \***  
[Unicode] အသက် ၅ နှစ်နှင့် အထက် အရေအတွက် [Zawgyi] အသက် ၅ နှစ်နှင့်အထက် အရေအတွက်

Your answer

**Deaths -- 5 years old and above \***  
[Unicode] အသက် ၅ နှစ်နှင့် အထက် သေဆုံးသူ [Zawgyi] အသက် ၅ နှစ်နှင့်အထက် သေဆုံးသူ

Your answer

- Select '6. Influenza Like Illness' on previous session
- Enter the number of cases and deaths on the disaggregation of age range
- Skip no value field with zero

**NOTE 1:** After cases and deaths will fully fill on it, the form of disease/syndrome will repeat for another disease/syndrome. This repeating process can stop when selected "No" on this form.

**NOTE 2:** Any edits and delete will make with email or phone with contact person.

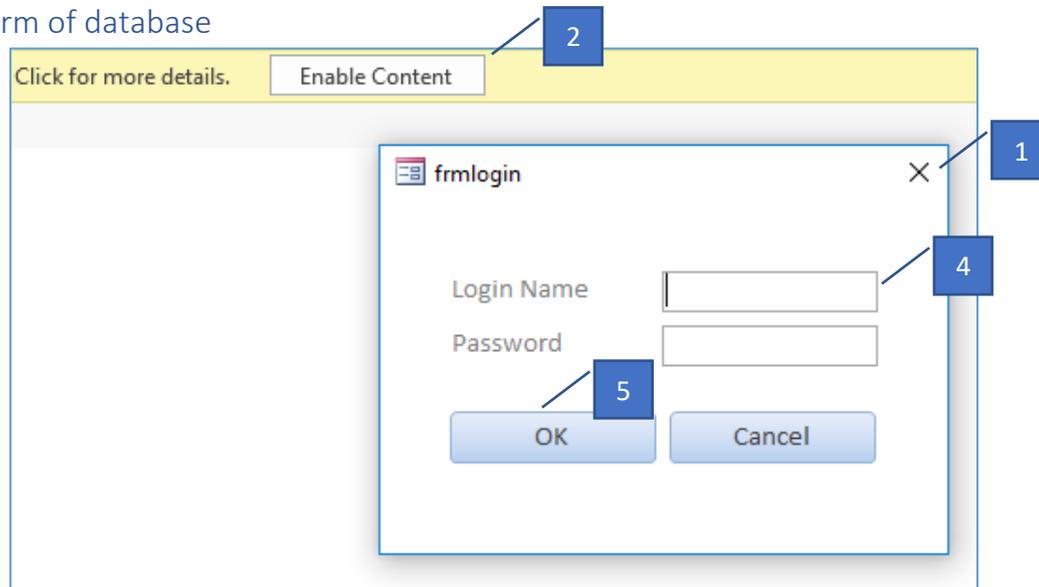
**NOTE 3:** If users finish to summit online EWARS reports, users can get responses on your email automatically and directly.

## EWARS database

### Store location of database

- Store database on **D:\ drive** for linking and updating the report of dashboard and map

### Login form of database



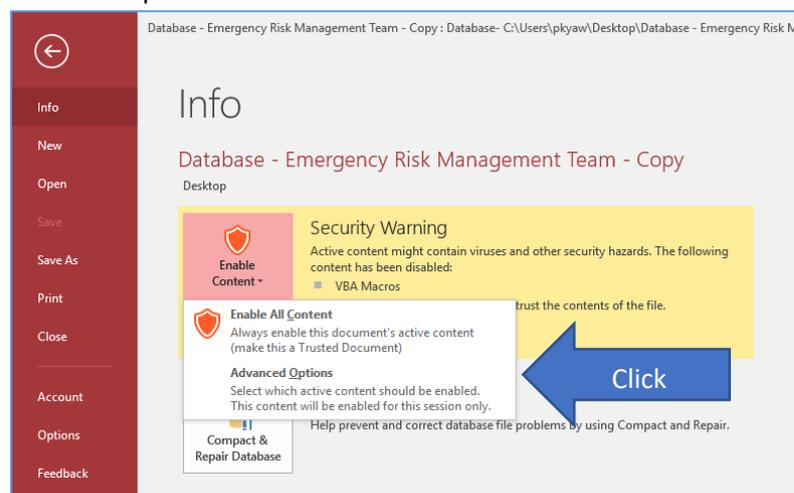
1. Click close button of login
2. Click 'Enable Content' button (SECURITY WARNING Some active content has been disabled.)
3. Restart (close & re-open) database
4. Enter your name and password (contact to the specific person)
5. Click 'OK' button (If Login Name and Password will wrong, notification box show.)

### Enable content of MS Access database

- Store database to one place to another that need to make "Enable Content"
- Make "Enable Content" one time which do not require to make another time on this place
- Enter the correct name and password if you do not get response, need "Enable Content"

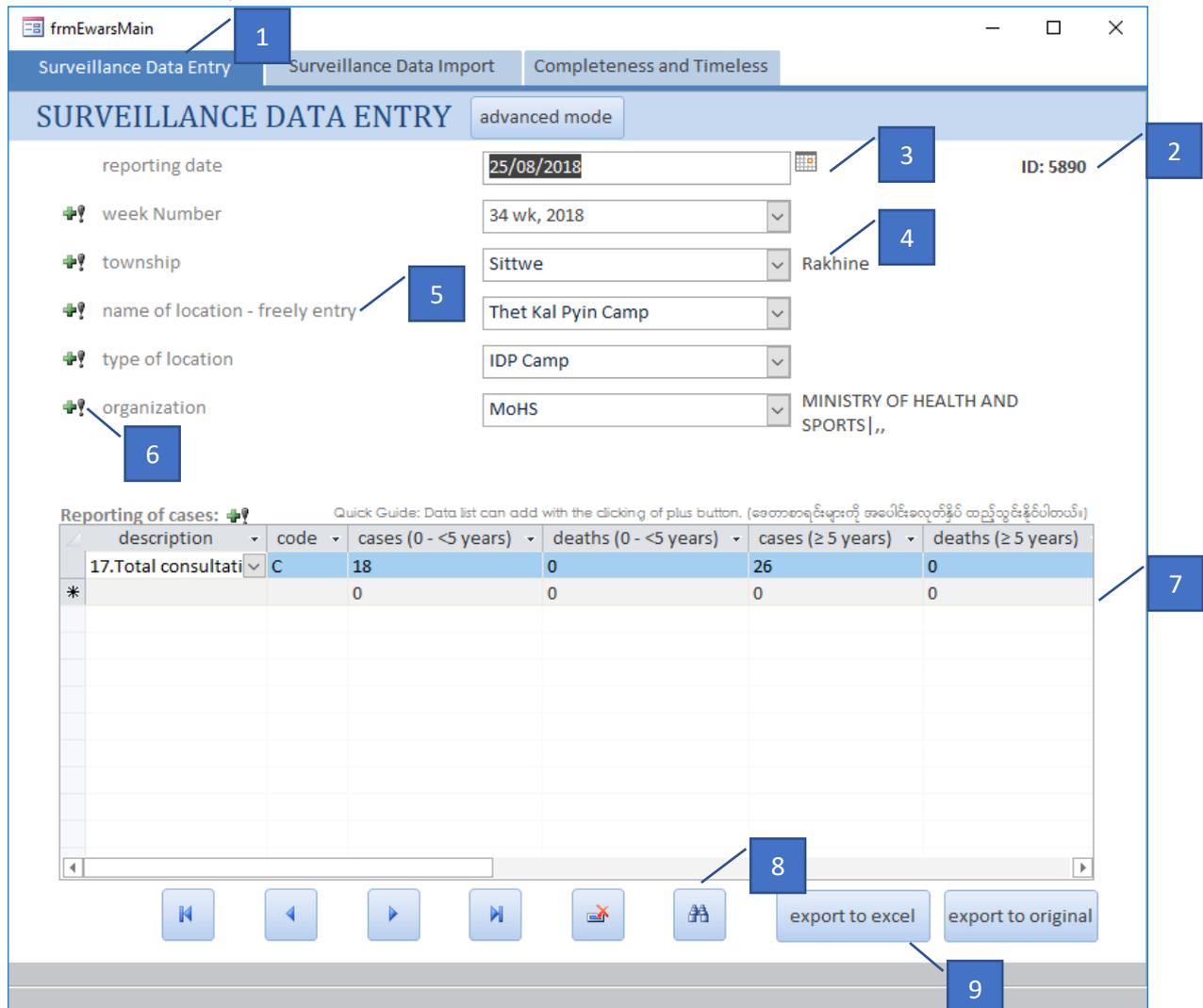
### Another method of enable content

1. Click close button of frmlogin
2. Click "File", see in the top-left corner of MS Access Form Windows

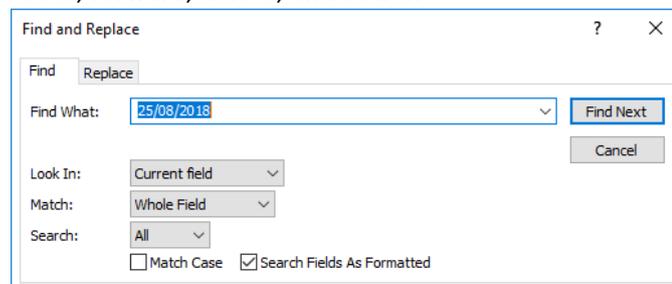


3. Click "Enable Content" and then "Enable All Content" on the panel of Info (directly see)

Offline data entry of database



1. Enter “Surveillance Data Entry” for offline data entry and edit
2. Look Surveillance ID that is automatic ID but need to record this on received paper
3. Entry reporting date (OR) click to calendar logo for date selection
4. Choose your data on drop-down list and see relevant info on right panel – similar another
5. Mean “freely entry” that can entry your data, do not exist on the drop-down list
6. Click on “green plus sign” can add data on the drop-down list – similar another
7. Entry detail information for reported disease(s) but do not create ‘0’ reported disease row(s)
8. Click the button of back, forward, delete, and search



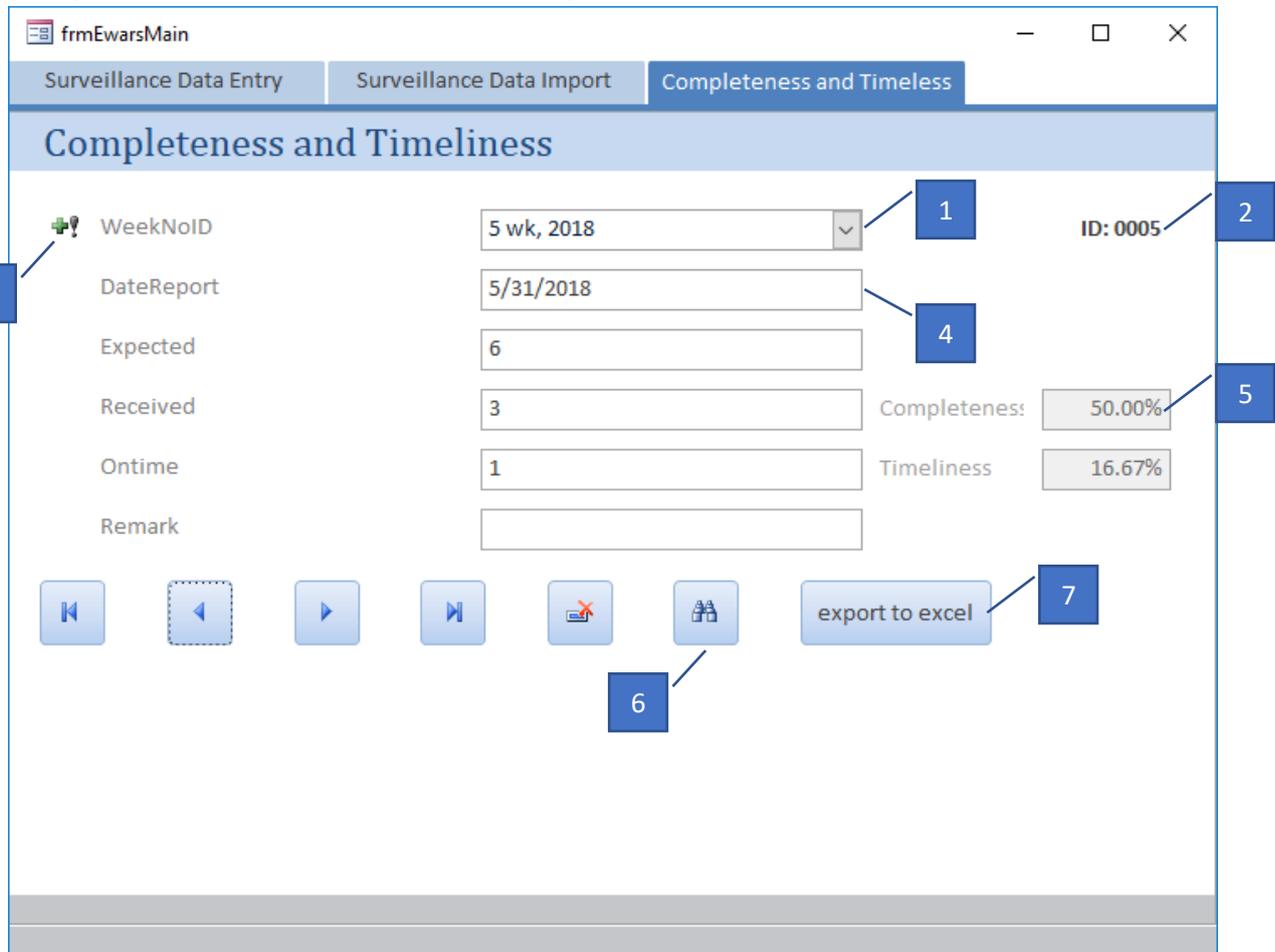
support the advance search of look in (current OR whole field), match (several type)

9. Get the dataset of MS Excel file for detail analysis on SPSS, Power BI, ArcGIS, etc.

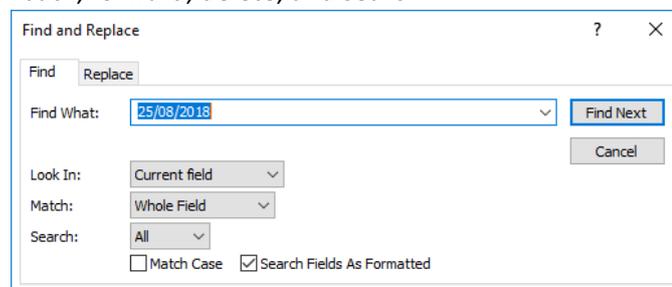
### Surveillance data import

That is automatically link with Google Forms.

### Completeness and timelessness of data entry



1. Select “WeekNoID” on drop-down list
2. Look ‘ID’ that is automatic ID
3. Click on “green plus sign” can add data on the drop-down list
4. Entry reporting date (OR) click to calendar logo for date selection
5. Get auto results on ‘Completeness’ and ‘Timeless’ when put number values on ‘Expected’, ‘Received’, and ‘Ontime’
6. Click the button of back, forward, delete, and search



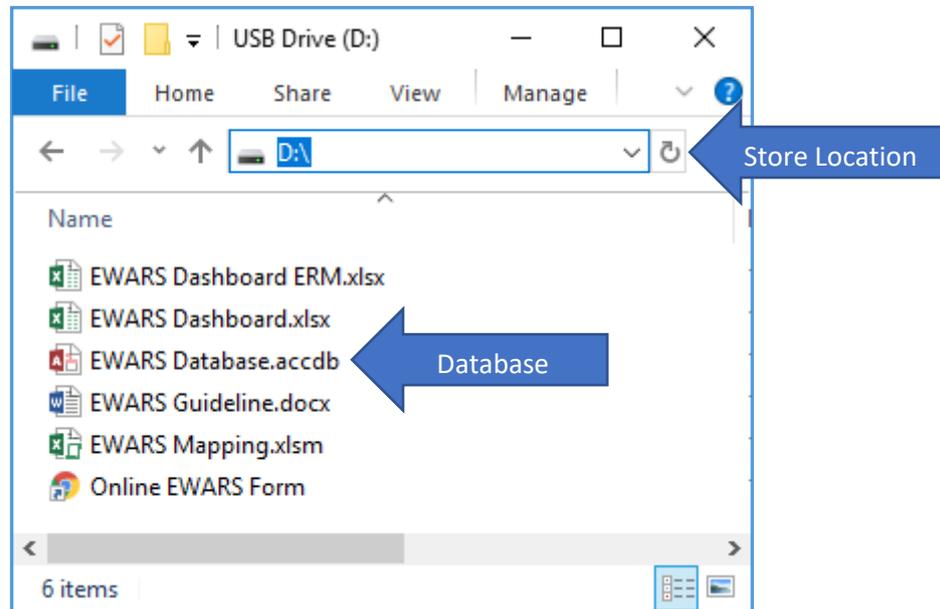
support the advance search of look in (current OR whole field), match (several type)

7. Get the dataset of MS Excel file for detail analysis on SPSS, Power BI, ArcGIS, etc.

## EWARS dashboard

### Dashboard updating

- Store database on **D:\ drive** for linking and updating the report of dashboard and map



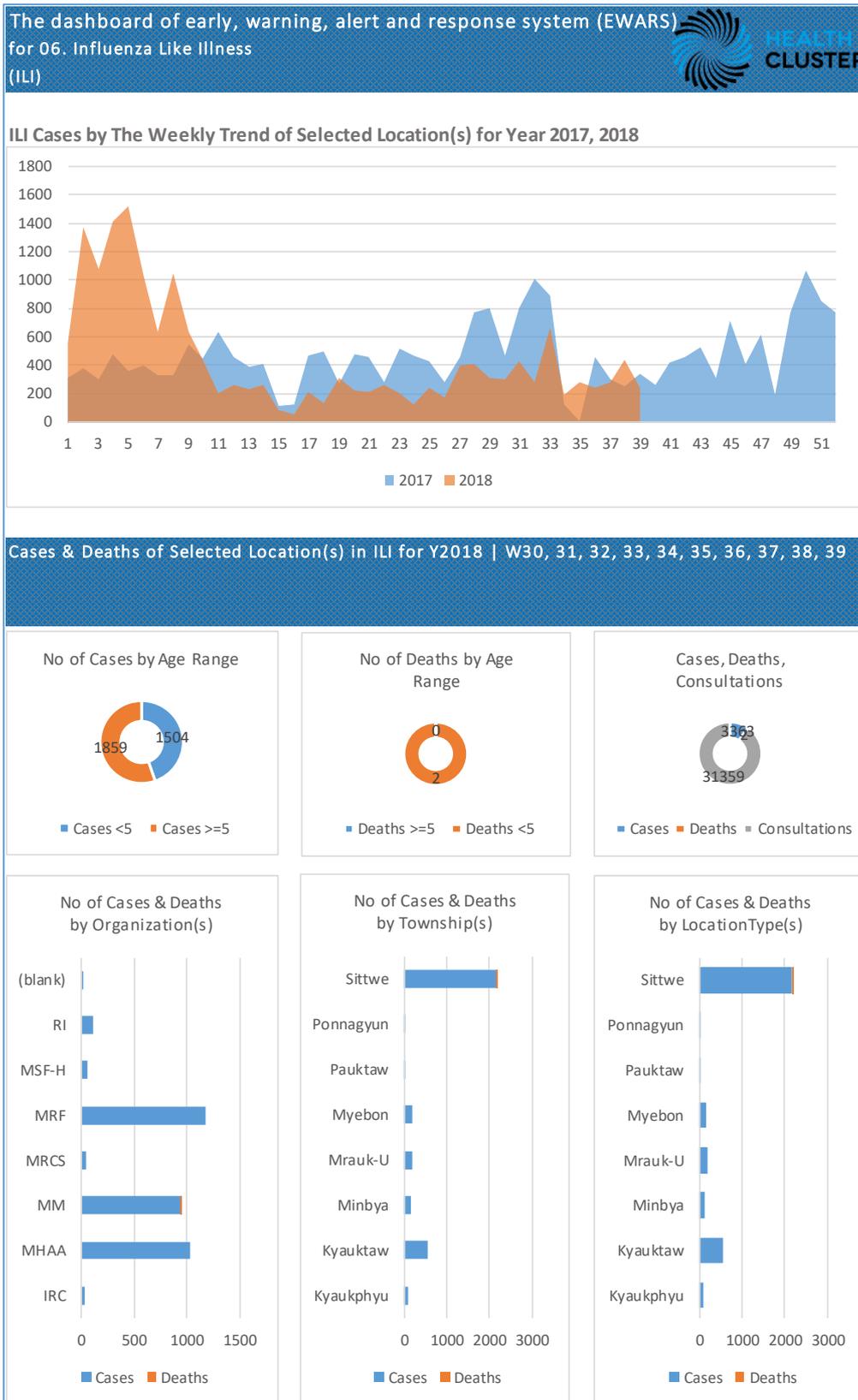
### (OR)

- Use offline dashboard (system requirement: Microsoft Excel 2007 and above)
  - a. The updated database does not exist on **D:\ drive**.
  - b. Information will get previous received period
  - c. Update EWARS dashboard can download on this link:  
<https://drive.google.com/drive/folders/1MusEOoCZRAHKif-QY22su2oj-4pfnWck?usp=sharing>

### (OR)

- Use online dashboard with this link: [https://worldhealthorg-my.sharepoint.com/:x:/g/personal/pkyaw\\_who\\_int/Ed6kTVfWmVBCvID0FXYW\\_YQB-g\\_nvlaaN2pTR2aLWeRTXA](https://worldhealthorg-my.sharepoint.com/:x:/g/personal/pkyaw_who_int/Ed6kTVfWmVBCvID0FXYW_YQB-g_nvlaaN2pTR2aLWeRTXA)

Dynamic report



- Update Dynamic Report’s titles or labels that will automatically change depending on filtering
- Inform “Cases by Weekly Trend” filtering location and notifiable disease (not include period) \*
- Keep data and information depending on filtering

### Dynamic report filtering guideline

Please kindly filter a week and year for the EWARS Dynamic Report of Rakhine State

**Notifiable Diseases (Single-Select)**

- 01. Acute bloody diarrhoe (suspected shigellosis)
- 02. Acute watery diarrhoea with severe dehydration (suspected cholera)\*
- 03. Acute watery diarrhea with mild/moderate dehydration
- 04. Acute jaundice syndrome
- 05. Severe Acute Respiratory Illness
- 06. Influenza Like Illness
- 07. Acute Flaccid Paralysis
- 08. Suspected Acute Meningitis
- 09. Suspected dengue haemorrhagic fever\*
- 10. Fever with rash\*
- 11. Confirmed malaria
- 12. Neonatal tetanus

**Org (Multi-Select)**

- ACF
- IRC
- MHAA
- MI
- MM
- MoHS
- MRCS
- MRF

**Tsp (Multi-Select)**

- Buthidaung
- Kyaukphyu
- Kyauktaw
- Maungdaw
- Minbya
- Mrauk-U
- Munaung
- Myebon

**Loc (Multi-Select)**

- A Htoke Thel Ma
- A Lay Kyun
- A Myint Kyun
- A Nout Ye
- A.T.K (1)
- Adate Hten
- Ah Htet Nan Yar

**Type (Multi-Select)**

- Fixed Clinic
- Hospital
- IDP Camp
- Mobile Clinics
- Monastery
- Others
- Relief Camp
- RHC
- School

**Year (Multi-Select)**

2... 2...

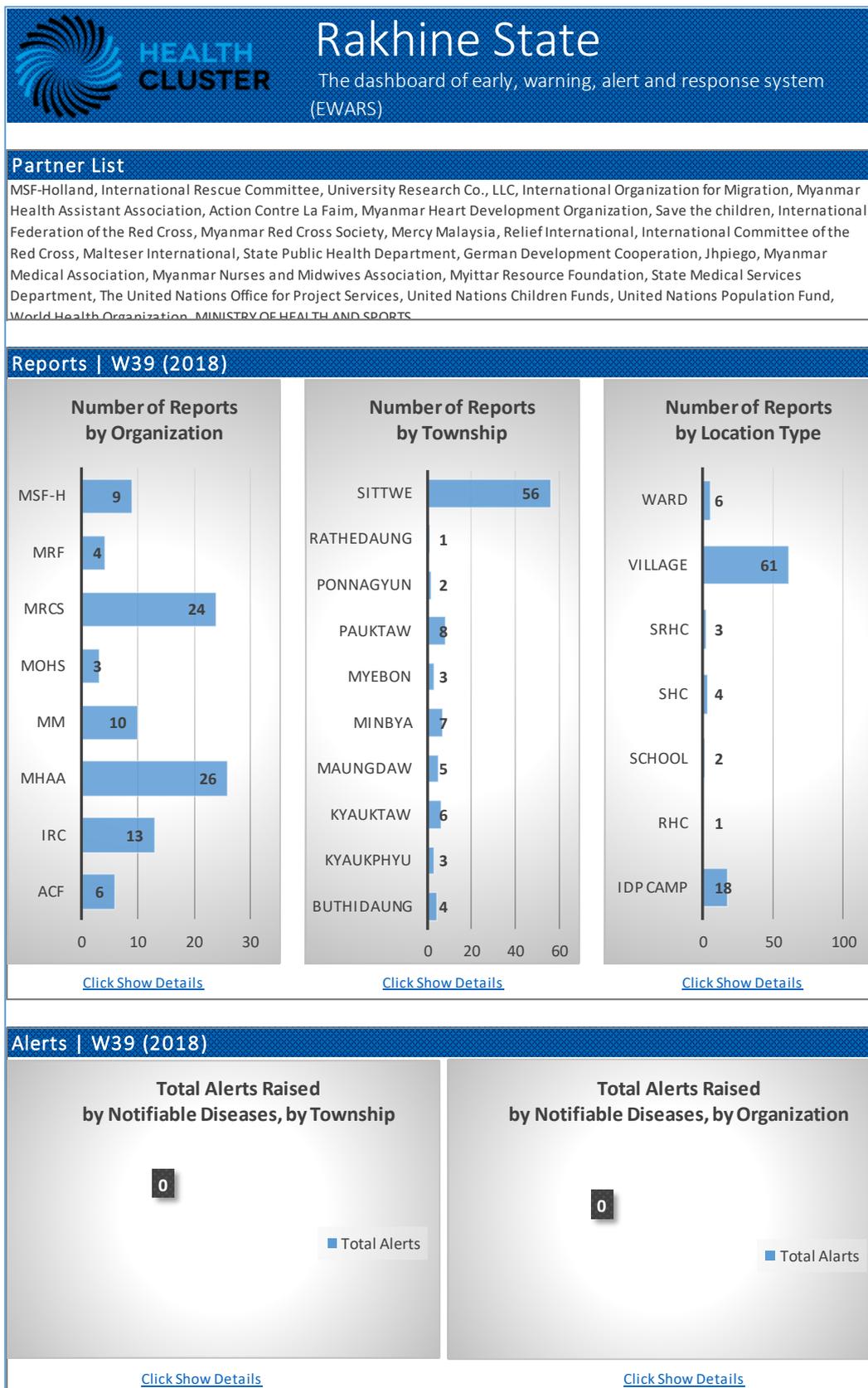
**Week (Multi-Select)**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	

1. Filter EWARS of Notifiable Disease (Single-Select)
2. Filter Reported Organization (Multi-Select)
3. Filter Reported Township (Multi-Select)
4. Filter Locations including Wards, Villages, and Camps (Multi-Select)
5. Filter Location Types (Multi-Select)
6. Filter Year and Epi Week (Multi-Select)

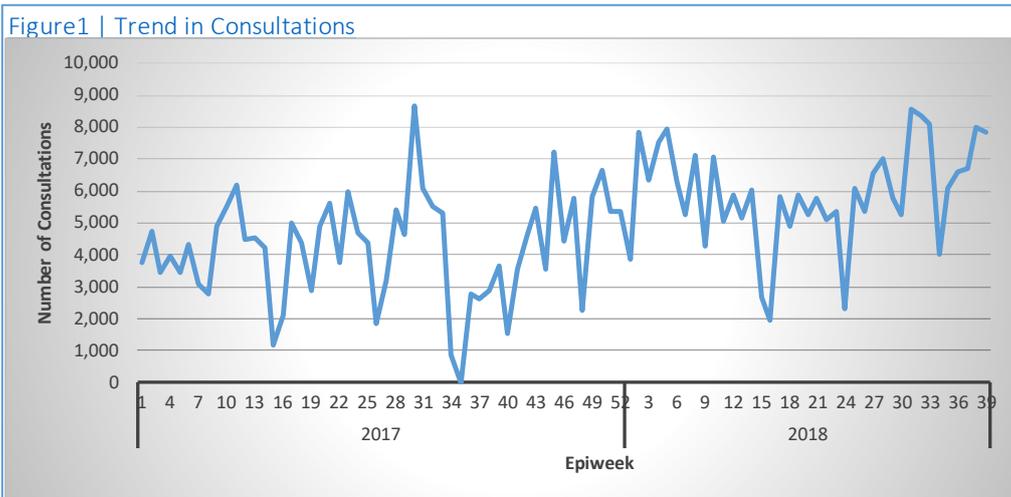
Note: These selections are hide items with no data and effect on the full of EWARS Dynamic Report

Static report (first page)



- Update Static Report’s titles or labels that will automatically change depending on filtering
- Inform “Partner List” updating manually (not link with database) \*
- Keep data and information depending on filtering

Static report (second page)



Epidemiology Week 39, 2018

Figure2 | Number of AWD Cases and Deaths

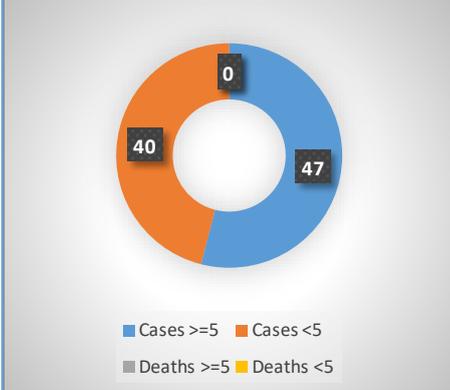


Figure3 | Number of ILI Cases and Deaths

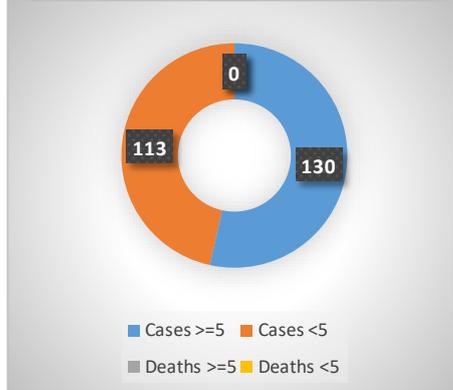
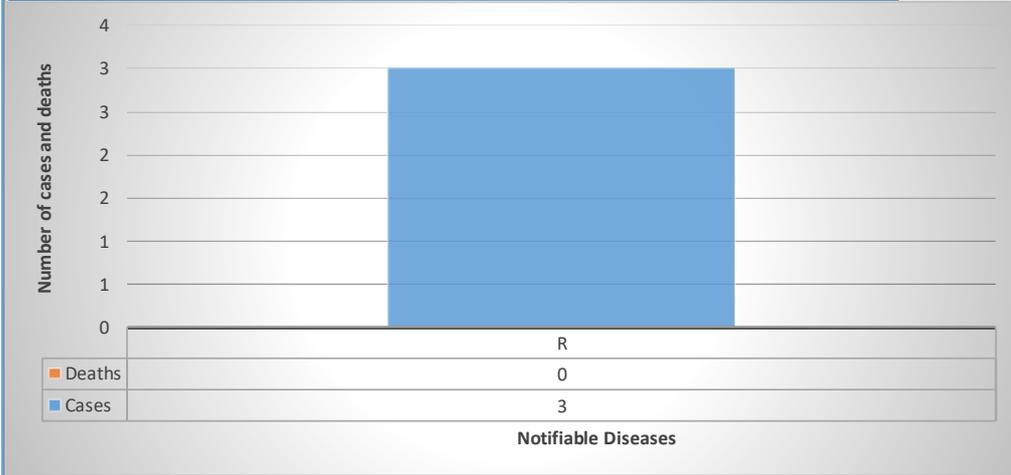


Figure4 | Number of Cases and Deaths by Notifiable Diseases (Eliminate AWD, ILI)



contact -- Win Bo (Yangon): bow@who.int, +95(0)95382120,  
 Allison Gocotano (Rakhine): gocotanoa@who.int, +95(0)9263465741,  
 Thet Zaw Htet (Kachin): who.kachin@gmail.com, +95(0)9253422229  
 Detail of Notifiable Disease Code can see on <https://drive.google.com/open?id=18bDcLSE1rgfSjic4XJ9A7-AJoc07EL>

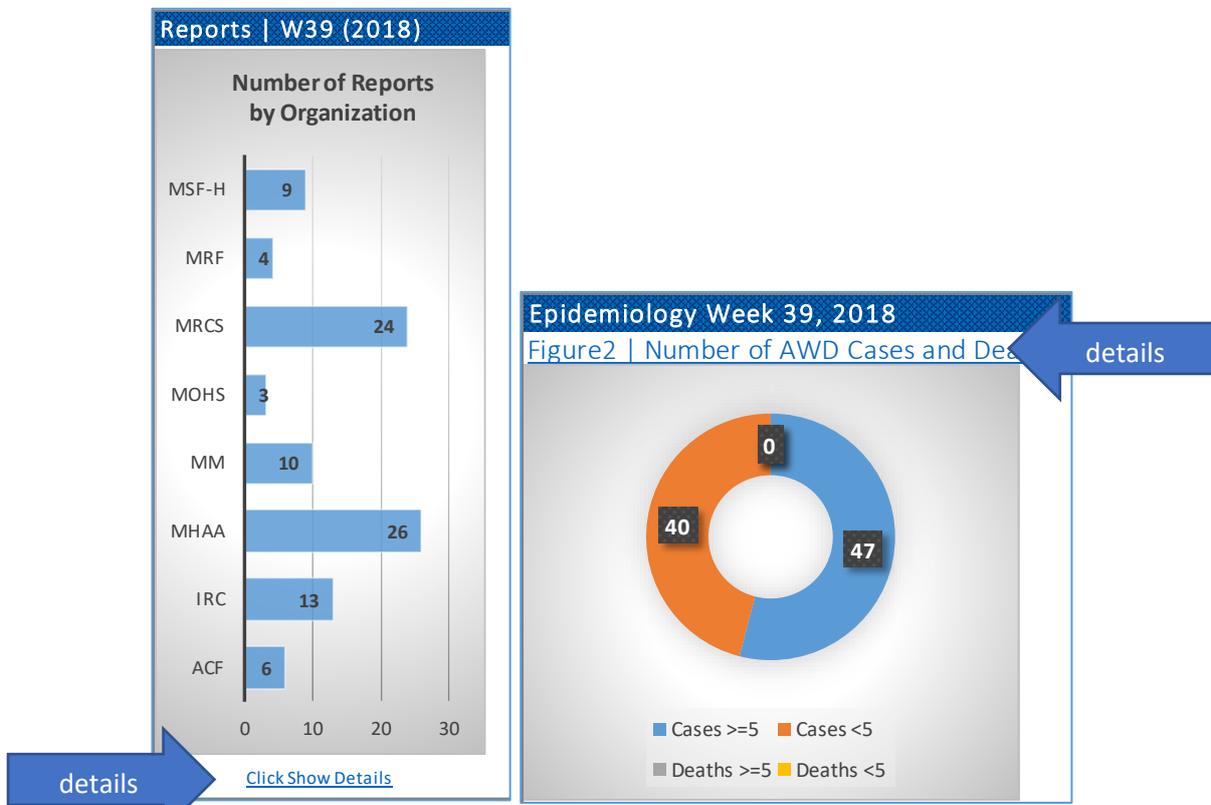
- Update Static Report’s titles or labels that will automatically change depending on filtering
- Inform “Partner List” updating manually (not link with database) \*
- Keep data and information depending on filtering

Static report filtering guideline

Please kindly filter a week and year for the EWARS Static Report of Rakhine State. (Single-Select)

Week					Year
1	2	3	4	5	2017
6	7	8	9	10	2018
11	12	13	14	15	
16	17	18	19	20	
21	22	23	24	25	
26	27	28	29	30	
31	32	33	34	35	
36	37	38	39		

- Filter easily on single week and single year for Static Report



- Get more details for “Click Show Details” (OR) “Figure...”

Static report detailing guideline

Number of Reports by Organization | W39 (2018) [Go Back to Static Report](#)

location	reported
ACF	6
IRC	13
MHAA	26
MM	10
MoHS	3
MRCS	24
MRF	4
MSF-H	9
<b>Grand Total</b>	<b>95</b>

**1** (points to 'location' header)

**2** (points to report title)

**3** (points to 'Go Back to Static Report' link)

Double Click to get more details info (points to MRCS row)

1. Show data sheet when “Click Show Details” (OR) “Figure...”
2. Get data values (or) results for the filtered period of week and year
3. Click “Go Back to Static Report” for easier jumping usage

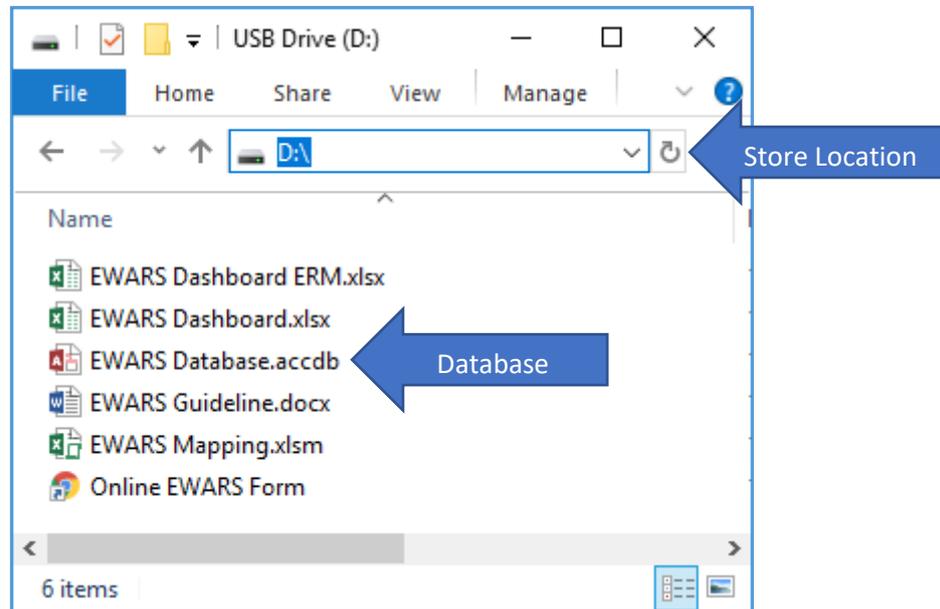
Organization	CasesUnder5	DeathUnder5	Cases5AndAbove	Death5AndAbove	NoOfCases	NoOfDeath	NoOfConsultations
MRF	16	0	78	0	94	0	94
MRF	63	0	246	0	309	0	309
MRF	5	0	57	0	62	0	62
MRF	5	0	56	0	61	0	61

- Get more details info with several disaggregation such as ‘age group’, ‘consultation’, etc.

## EWARS mapping

### EWARS updating

- Store database on **D:\ drive** for linking and updating the report of dashboard and map



### (OR)

- Use offline dashboard (system requirement: Microsoft Excel 2007 and above)
  - a. The updated database does not exist on **D:\ drive**.
  - b. Information will get previous received period
  - c. Update EWARS Mapping can download on this link:  
<https://drive.google.com/drive/folders/1kVqU3HjgPYBpkj5SAONDtqSCHVXO-Bn5?usp=sharing>

User customaries mapping

Please select **INDICATOR** no\_of\_cases 1 for **DISEASE** ILI 2

at **YEAR** 2018 3 between **Wk** 1 4 and **Wk** 39 5

**Map Values** **Selected Pcode** **Selected Township**

State / Region	District	Township	MIMU Pcode	Value of Cases	Rank
Rakhine	Sittwe	Sittwe	MMR012001	11,999	1
Rakhine	Sittwe	Ponnagyun	MMR012002	138	8
Rakhine	Sittwe	Pauktaw	MMR012007	1,299	3
Rakhine	Sittwe	Rathedaung	MMR012008	1	10
Rakhine	Mrauk-U	Mrauk-U	MMR012003	554	6
Rakhine	Mrauk-U	Kyauktaw	MMR012004	1,599	2
Rakhine	Mrauk-U	Minbya	MMR012005	668	5
Rakhine	Mrauk-U	Myebon	MMR012006	710	4
Rakhine	Maungdaw	Maungdaw	MMR012009	66	9
Rakhine	Maungdaw	Buthidaung	MMR012010	0	11
Rakhine	Kyaukpyu	Kyaukpyu	MMR012011	367	7
Rakhine	Kyaukpyu	Munaung	MMR012012	0	11
Rakhine	Kyaukpyu	Ramree	MMR012013	0	11
Rakhine	Kyaukpyu	Ann	MMR012014	0	11
Rakhine	Thandwe	Thandwe	MMR012015	0	11
Rakhine	Thandwe	Toungup	MMR012016	0	11
Rakhine	Thandwe	Gwa	MMR012017	0	11

**DISEASE CODE:** 01. Acute bloody diarrhoe (suspected shigellosis) -- **ABD**; 02. Acute watery diarrhoea with severe dehydration (suspected cholera)\* -- **AWD-SC**; 03. Acute watery diarrhea with mild/moderate dehydration -- **AWD-MD**; 04. Acute jaundice syndrome -- **AJS**; 05. Severe Acute Respiratory Illness -- **SARI**; 06. Influenza Like Illness -- **ILI**; 07. Acute Flaccid Paralysis -- **AFP**; 08. Suspected Acute Meningitis -- **MEN**; 09. Suspected dengue haemorrhagic fever\* -- **SDHF**; 10. Fever with rash\* -- **FWR-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**;

1. Filter 'indicators' ("no\_of\_cases", "no\_of\_consultation", and "proportion\_mobility")
2. Filter 'Notifiable Diseases' (ILI, AWD, and so on)
3. Filter 'Year' ("2017", "2018", and so on)
4. Filter 'starting epi week'
5. Filter 'ending epi week'
6. Update result values depending on filtering above
7. Click to get mapping color ranking updated



Selected mapping

At Rakhine State, Value of Cases for ILI at Yr 2018 (Wk 1 to 39)

Please select INDICATOR **no\_of\_cases** for DISEASE **ILI**

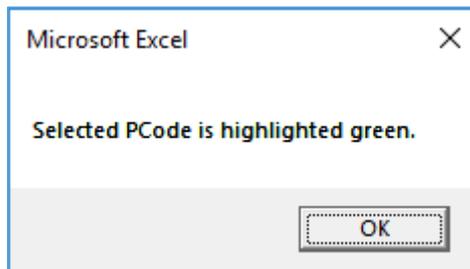
at YEAR **2018** between Wk **1** and **39**

State / Region	District	Township	MIMU Pco	Value of Cases	Rank
Rakhine	Sittwe	Sittwe	MMR012001	11,999	1
Rakhine	Sittwe	Ponnagyun	MMR012002	1,295	8
Rakhine	Sittwe	Pauktaw	MMR012007	1,295	3
Rakhine	Sittwe	Rathedaung	MMR012008	1	10
Rakhine	Mrauk-U	Mrauk-U	MMR012003	554	6
Rakhine	Mrauk-U	Kyauktaw	MMR012004	1,599	2
Rakhine	Mrauk-U	Minbya	MMR012005	668	5
Rakhine	Mrauk-U	Myebon	MMR012006	710	4
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Rakhine	Kyaukpyu	Ramree	MMR012013	0	11
Rakhine	Kyaukpyu	Ann	MMR012014	0	11
Rakhine	Thandwe	Thandwe	MMR012015	0	11
Rakhine	Thandwe	Toungup	MMR012016	0	11
Rakhine	Thandwe	Gwa	MMR012017	0	11

DISEASE CODE: 01. Acute bloody diarrhoe (suspected shigellosis) -- ABD; 02. Acute watery diarrhoea with severe dehydration (suspected cholera)\* -- AWD-SC; 03. Acute watery diarrhea with mild/moderate dehydration -- AWD-MD; 04. Acute jaundice syndrome -- AJS; 05. Severe Acute Respiratory Illness -- SARI; 06. Influenza Like Illness -- ILI; 07. Acute Flaccid Paralysis -- AFP; 08. Suspected Acute Meningitis -- MEN; 09. Suspected dengue haemorrhagic fever\* -- SDHF; 10. Fever with rash\* -- FWR-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) -- FUI; 17. Total consultations -- C; 18. Emergency patient referral -- R;

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1. Select a lock cell of MIMU Pcode
2. Click the button of "Selected Pcode"



3. Get mapping green area highlight and show message "Selected PCode is highlighted green"

- a. Select a mapping area part
- b. Click the button of "Selected Township"



- c. Show detail message reply about location, value and MIMU place code (PCode)