FluMart 4.0

Data reporting to

FluNet and fluID

2 June 2022
➢ Brief overview of FluNet/fluID use and outputs

➢ Moving from Xmart\textsubscript{3} to Xmart\textsubscript{4}

➢ Template and datapoints for data reporting

➢ Data uploading procedures (with demo)
Methods for Uploading FluNet Data

Data on an Excel Sheet

SEARO

DPR Korea
(through WHO country office)

10 SEAR Member States
(FluID and FluNet)

FluMart
FluNet is a global web-based tool for influenza virological surveillance.

The virological data entered into FluNet are critical for tracking the movement of viruses globally and interpreting the epidemiological data.

FluID is a global platform that complements the existing virological data collected in FluNet with additional epidemiological information.

It is used to track global trends, spread, intensity, and impact of influenza.
Timely reporting is key for situational awareness and inform intervention
FluMart 4.0 planned to be launched for week 25
Prepare your weekly reporting file
Data reporting concept in FluMart

https://extranet.who.int/xmart4/FLUMART

Prepare your weekly reporting file
Data preparation for reporting (in Excel sheet)

**Reporting fields** *(Mandatory Vs. optional)*

- Country name or ISO3 code of the country
- Laboratory name or reporting site name
- Reporting year and reporting week
- **Reporting source** *(sentinel, non-sentinel and not defined)*
- Age group classification *(applicable for FluID only)*
- Reporting measures
Virological information to be reported by week:

- Specimens received for influenza
- Specimens tested for influenza
- Influenza virus detections by subtype
- SARS-CoV-2 tested
- SARS-CoV-2 positives and negatives
- Other respiratory virus detections
- ILI activity level
- Comments
Instructions are provided in the “Instructions” tab.

Country information must be filled in “CoverSheet” tab (one time or if any changes).

Data dictionary is provided in “VIRO_Variables” tab.

**Sentinel** source data and **non-sentinel** source data should be reported in “Sentinel” and “NonSentinel” tab respectively. Above screenshot is a sample template for reporting sentinel and non-sentinel sources.

- Column headings/variables (no merged cells allowed) are always in row#1
- Reporting data starts in row#2 and onwards (Check data dictionary for accepted data types)

If source is **not defined** then there will be no separate reporting tabs and data can be directly reported in “Data” tab

Any data considerations can be reported in “Data considerations” tab

Contact seflu@who.int and/or flumart@who.int for questions or further details
Epidemiological information to be reported by week:

- ILI/ARI/SARI/Pneumonia/SARI death cases
- Population catchments/Outpatients/Inpatients
- Tested specimens for respiratory pathogens
- Positive detected for respiratory pathogens
- Tested specimen for COVID-19
- Detected COVID-19 positives and negatives
- Geospread/Trend/Intensity/Impact status
- Comments
• Instructions are provided in the “Instructions” tab.

• Country information must be filled in “CoverSheet” tab (one time until further changes not done).

• Data dictionary is provided in “EPI_Variables” tab.

• ILI/ARI/Pneumonia/SARI and SARI deaths data should be reported in their respective tab.

Above screenshot is a sample template for reporting SARI and ILI cases only.

• Column headings/variables (no merged cells allowed) are always in row#1

• Reporting data starts in row#1 and onwards (Check data dictionary for accepted data types)

• Data considerations can be reported in “Data considerations” tab

• Contact seflu@who.int and/or flumart@who.int for questions or further details
Prepare your weekly reporting data in Excel application and save it in your computer

Confirm reporting year and week number in reporting data

Do not change any variable names and sheet names in your data file without any prior information
Data upload

- Confirm your access to FluMart 4.0 is working
- Ensure your email account is registered in the WHO authentication system

If you have reported to FluMart 3.0 already, your emails will be automatically registered to FluMart 4.0

Go to >>>>>>>>>>  https://extranet.who.int/xmart4/FLUMART

If you are a new user or issues or have any queries, please Contact seflu@who.int and/or flumart@who.int for an access.
FluMart Home page description

1. Logged in account name
2. Code or title display button
3. List of origins granted for uploading data
4. Summary of last uploaded batches
5. Log out button
### Load Data

<table>
<thead>
<tr>
<th>Origin</th>
<th>Last 5 batches</th>
</tr>
</thead>
<tbody>
<tr>
<td>FluID Bangladesh</td>
<td>![Image]</td>
</tr>
<tr>
<td>FluNet Bangladesh</td>
<td>![Image]</td>
</tr>
</tbody>
</table>

### Load Data

<table>
<thead>
<tr>
<th>Origin</th>
<th>Last 5 batches</th>
</tr>
</thead>
<tbody>
<tr>
<td>FID_BGD</td>
<td>![Image]</td>
</tr>
<tr>
<td>FNT_BGD</td>
<td>![Image]</td>
</tr>
</tbody>
</table>
Data upload

- Uploads FluNet data (FluNet + Country name)
Data upload

1. Uploading FluID data (FluID + Country name)

2. Selecting file to upload

3. Completing file upload
Wait for data preview window...

1. Check upload summary/issues
2. Review your data
3. If okay “Commit” else “Cancel”
https://extranet.who.int/xmart4/FLUMART
Outputs

APIs for FluNet and FluID

1. https://frontdoor-l4uikgap6g3m.azurefd.net/FLUMART/VIW_FNT?$filter=ISO_YEAR eq 2021 and COUNTRY_CODE eq 'BGD'

2. https://frontdoor-l4uikgap6g3m.azurefd.net/FLUMART/VIW_FID?$filter=ISO_YEAR eq 2022 and COUNTRY_CODE eq 'BGD'

FluNet and FluID charts and reports

Data upload challenges

• Modification in variable/field name or reporting sheet name or inconsistent reporting template.

• Merged cells and missing inputs for mandatory fields.

• Error in reporting year or reporting week value.
Timely Reporting

• Data should be reported every week and according to NIC guideline.
• Data should be uploaded in the system by Thursday of the following week.
• Please contact seflu@who.int and/or flumart@who.int for any problem with data uploading
Thank you!

For any further information please contact seflu@who.int and/or flumart@who.int