ASEAN BIODIASPORA VIRTUAL CENTER

2024

MANUAL BOOK

User Guidance

Dashboard Monitoring Regional ABVC

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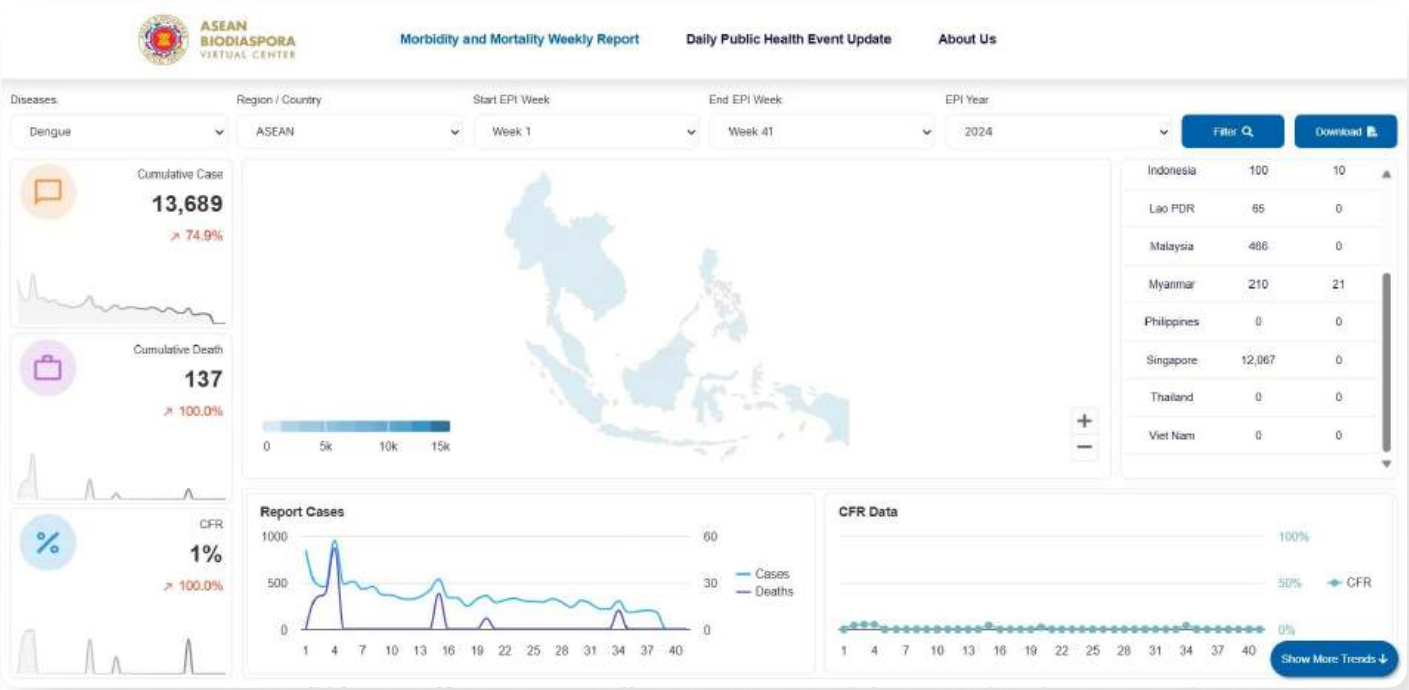
INTRODUCTION

Introduction to Dashboard Monitoring Regional ABVC



Accessing **https://abvc.asean-phe.org** link, the initial view of the web will open the Morbidity and Mortality Weekly Report page, then there are several menus in the navigation bar, including:

- Morbidity and Mortality Weekly Report
- Daily Public Health Event Update
- About ABVC

ASEAN ABVC

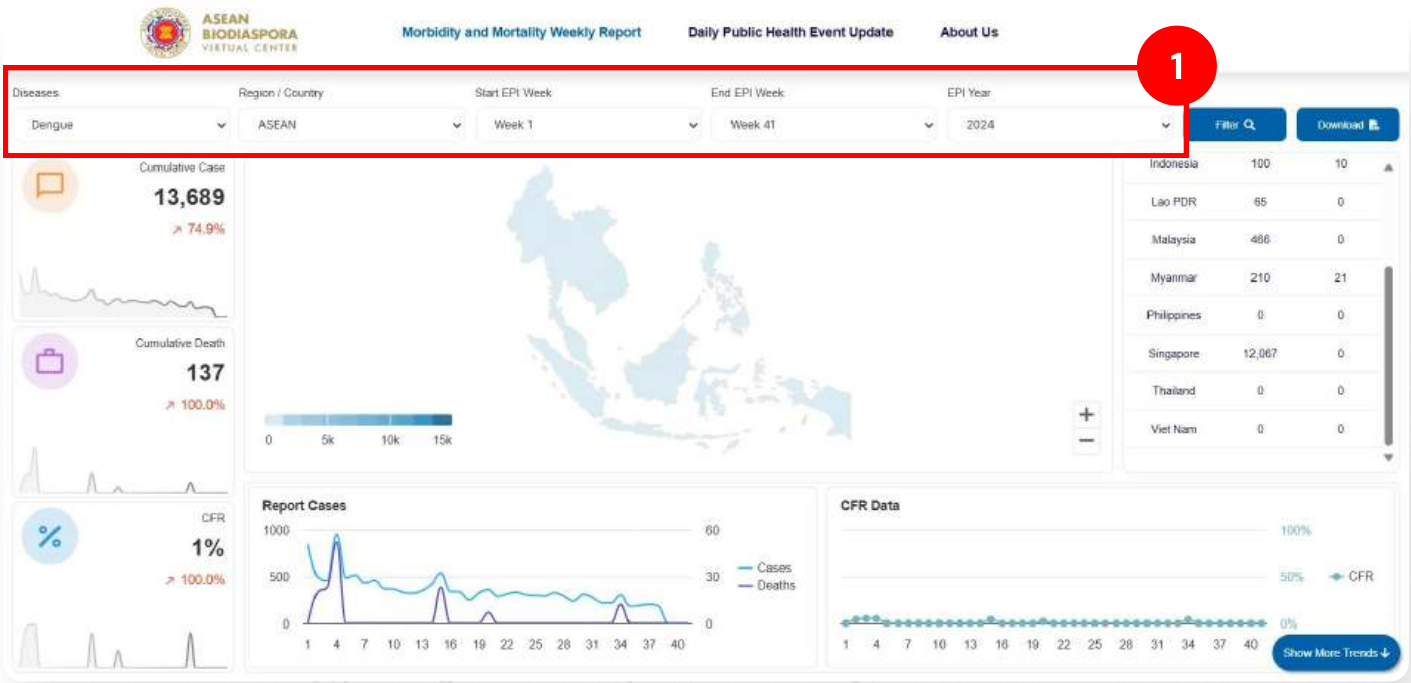
MANUAL BOOK

MORBIDITY AND MORTALITY WEEKLY REPORT

GOODEVA TECHNOLOGY

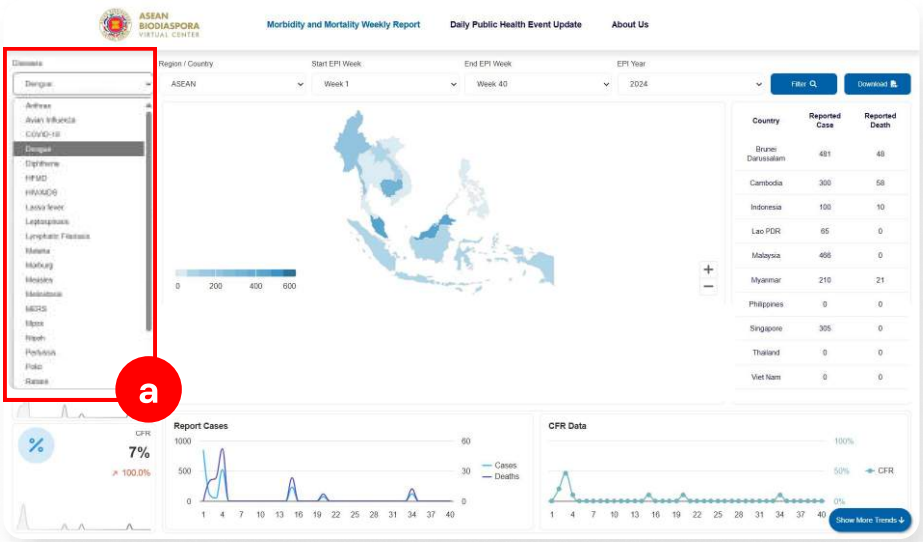
2024

The Morbidity and Mortality Weekly Report page consists of several sections:



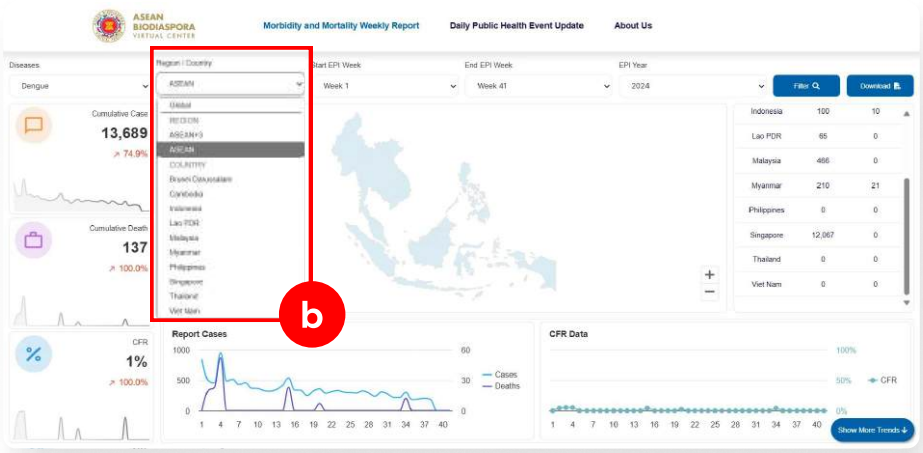
1. Form Filter Data

The data filter form section consists of several input parameters in displaying data, namely:



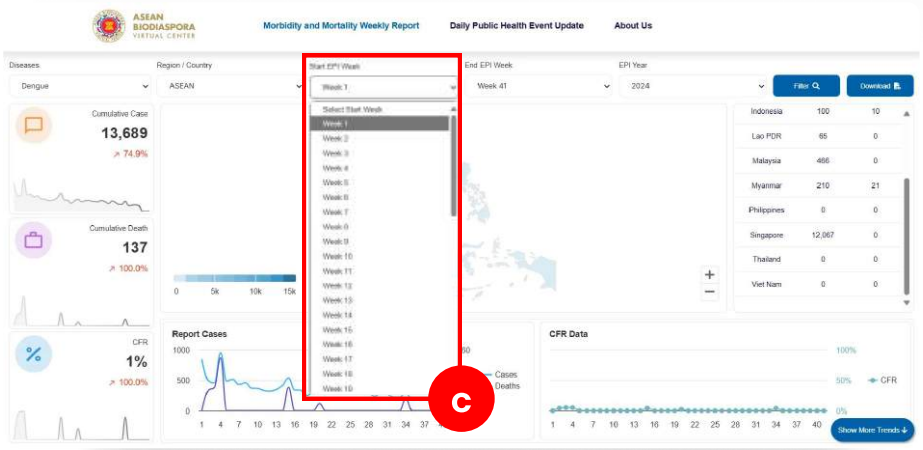
a. Diseases

Consists of a list of diseases data stored in the system, to visualize the data within the MMWR page, with the default diseases Dengue



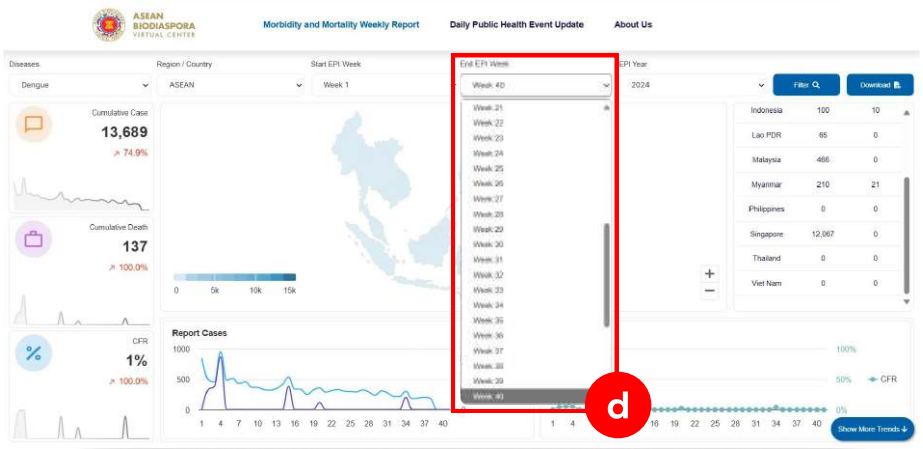
b. Region / Country

Consists of a regional list (continent) and a list of countries recorded in the system, to visualize the data within the MMWR page, with the ASEAN regional default



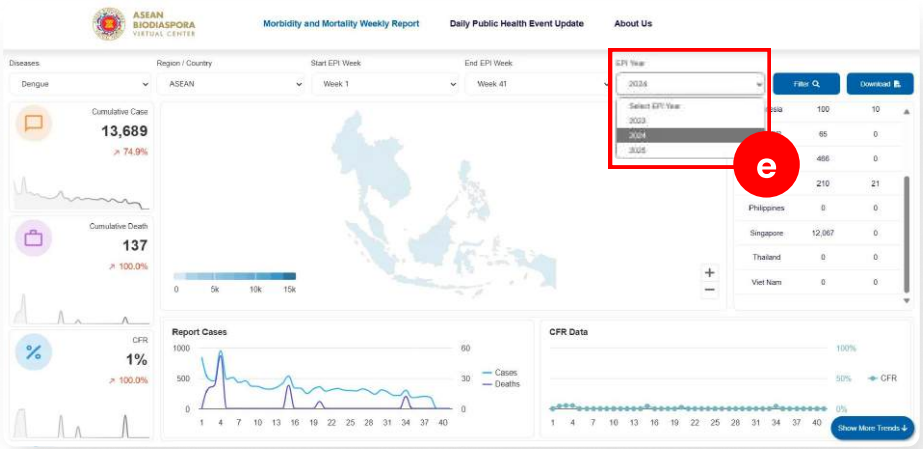
c. Start EPI Week

Consists of a list index of the week in 1 year to visualize the data inside the MMWR page, with the default start in week 1, with the note that the range index of the first week should not be more than the range index of the last week



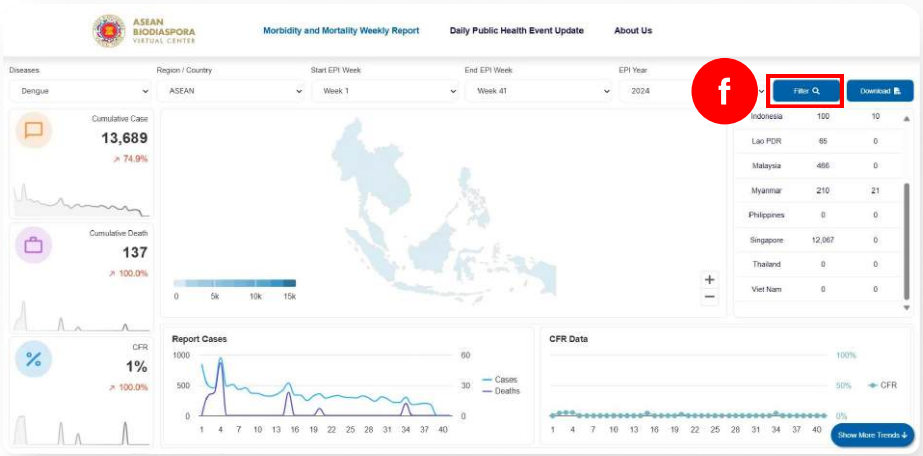
d. End EPI Week

Consists of a list index of the week in 1 year to visualize the data within the MMWR page, with the default of week 40 (following the current week), with the note that the range index of the last week must not be less than the range index of the first week



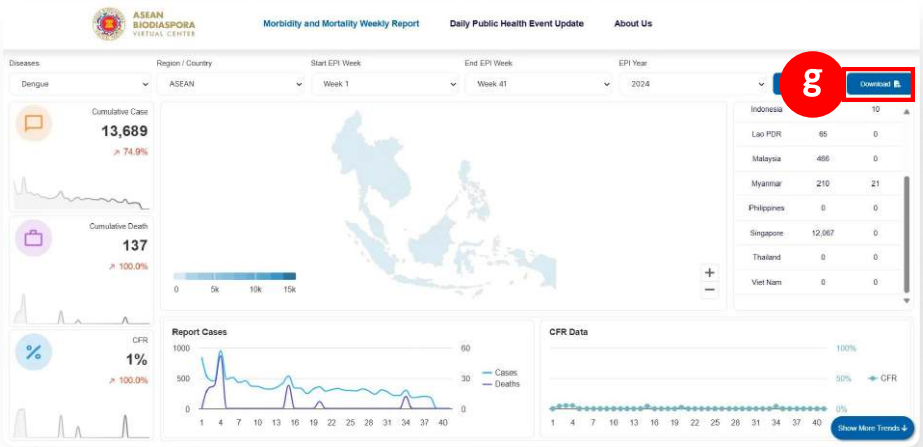
e. Region / Country

Consists of a list of year data to visualize the data inside the MMWR page, with a default of 2024 (following the current year as of today)



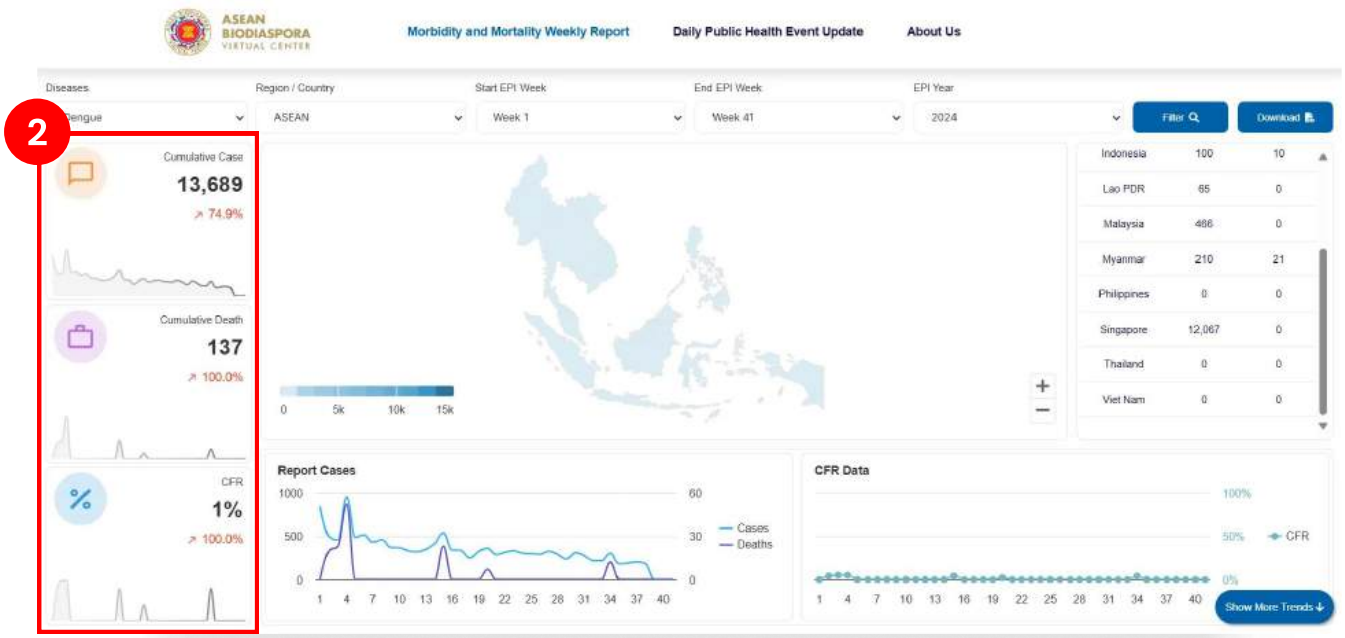
f. Button filter

The filter button is used when you have selected the data that you want to display based on the filter input form, then click the following button so that the system can run the function of displaying data based on the filter input form that has been filled out



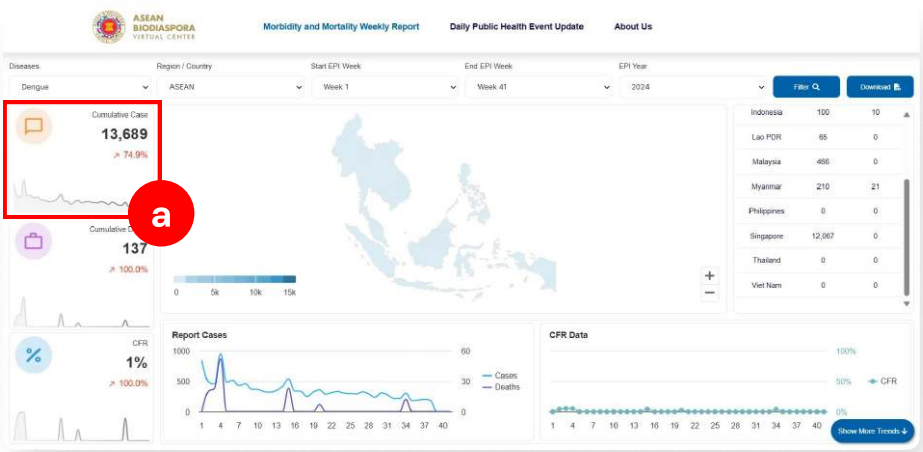
g. Button export PDF

The filter button is used when you want to print the data displayed on the MMWR page into a PDF document



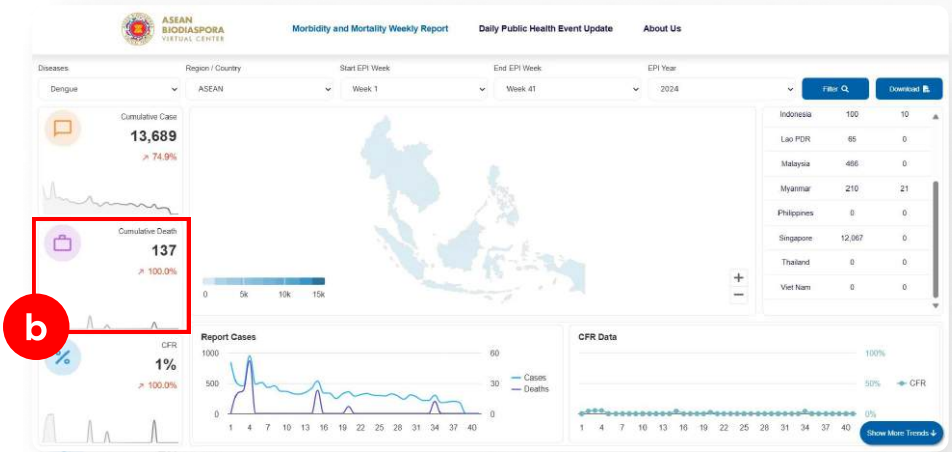
2. Card Cumulative

Consists of Cumulative Cases, Cumulative Death, and CFR :



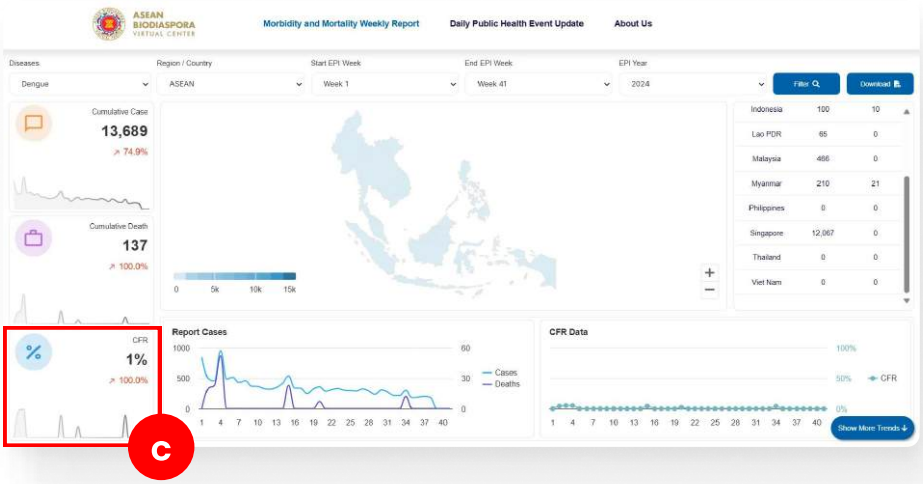
a. Cumulative Cases

Displays the number of cases, the percentage increase or decrease in the number of cases, and a graph of case data based on parameters in the filter form



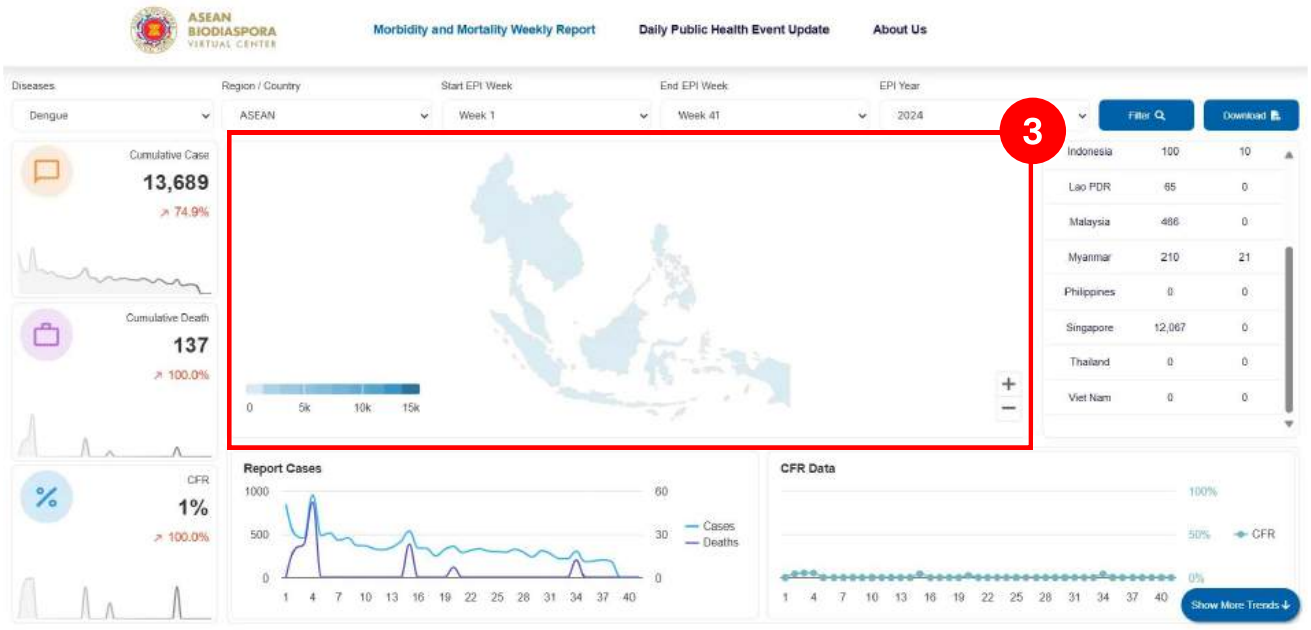
b. Cumulative death

Displays the number of deaths, the percentage increase or decrease in the death rate, and a graph of death data based on parameters in the filter form



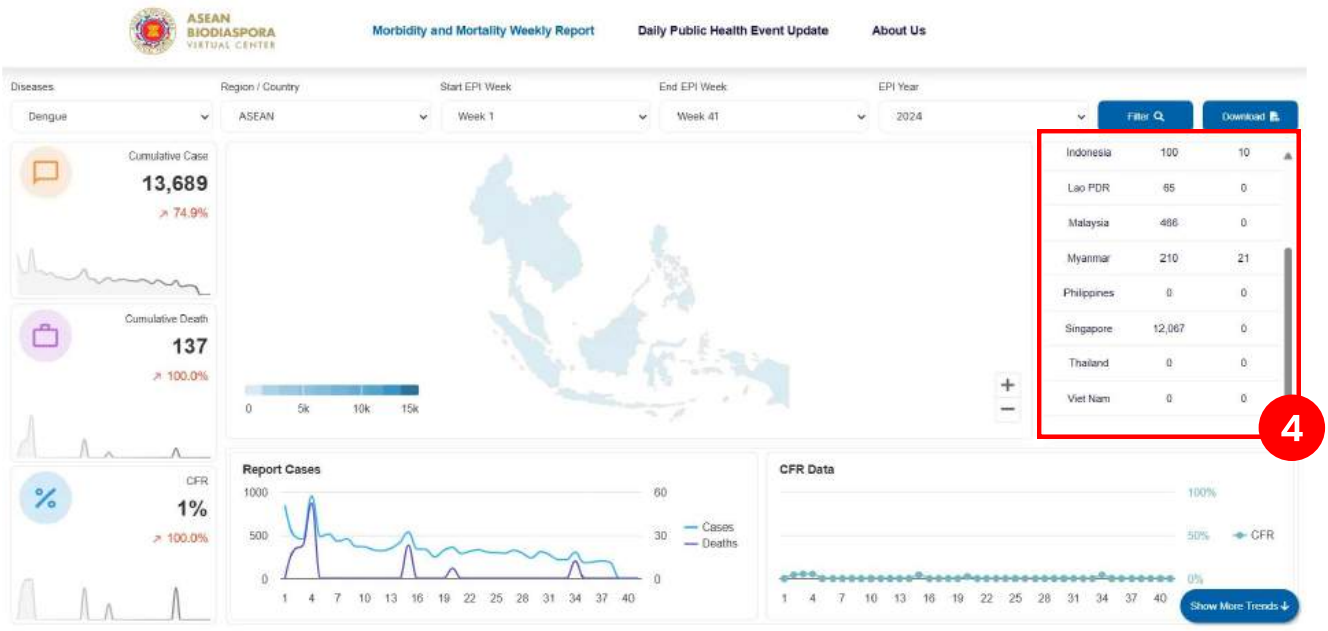
c. CFR

Displays the percentage of the comparison between cases and deaths, the percentage increase or decrease in the comparison between cases and deaths, and a graph of comparison data between cases and deaths based on parameters in the filter form



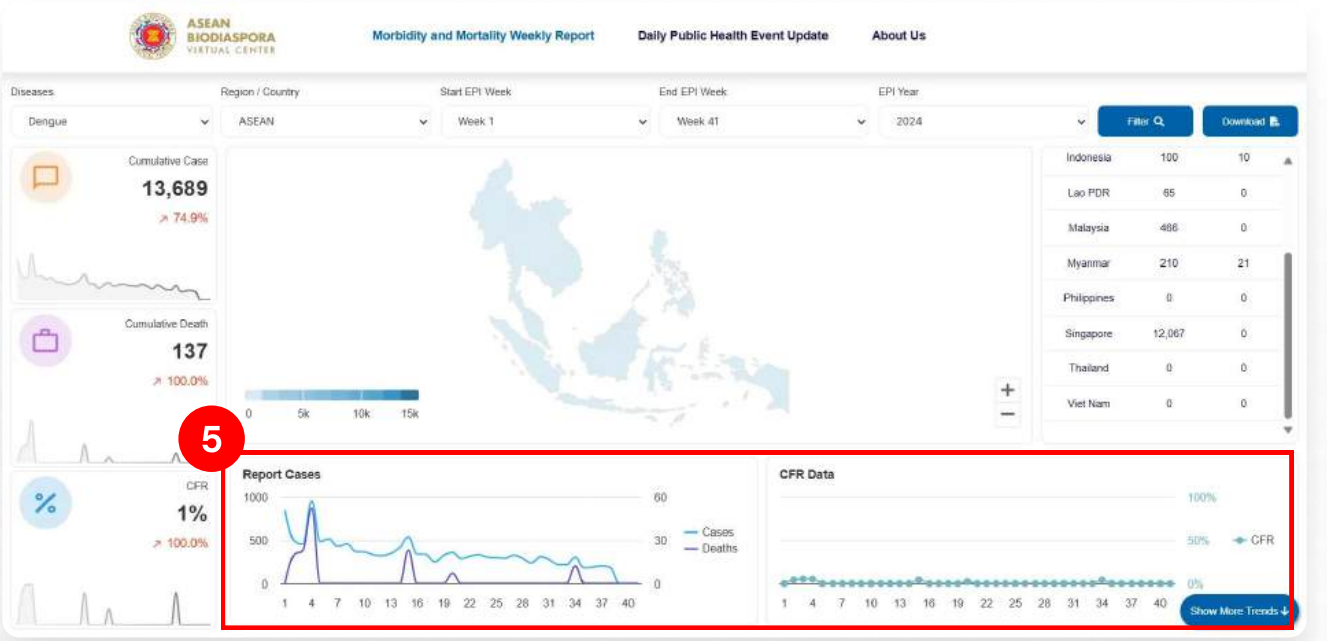
3. Map data

Displays a map of the distribution of cases, an index of the number of cases, by country region in the filter form parameters



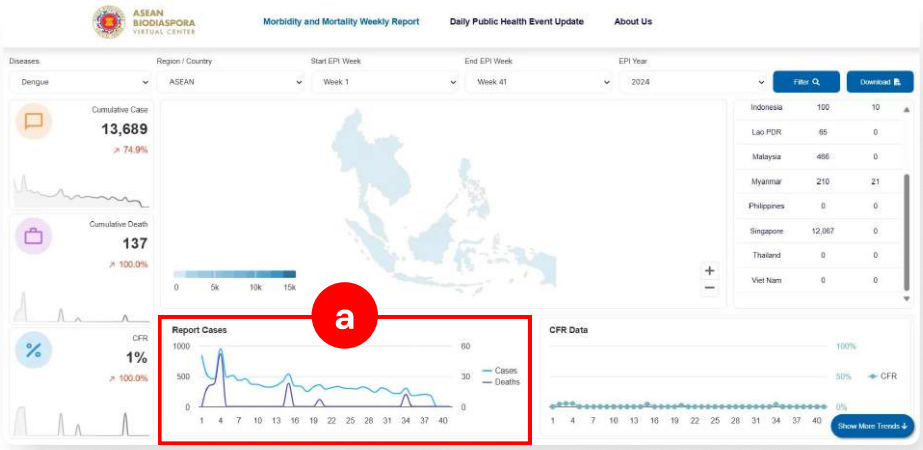
4. Table list Reported Case

Displays a country data list table with the number of cases and deaths based on parameters in the filter form



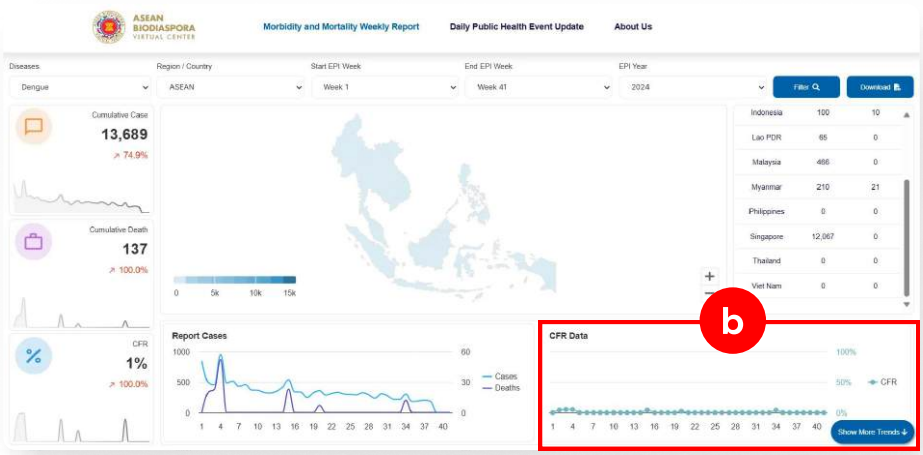
5. Chart Reported Cases

Consists of Reported Cases and CFR Data charts, and a Show more trends button:



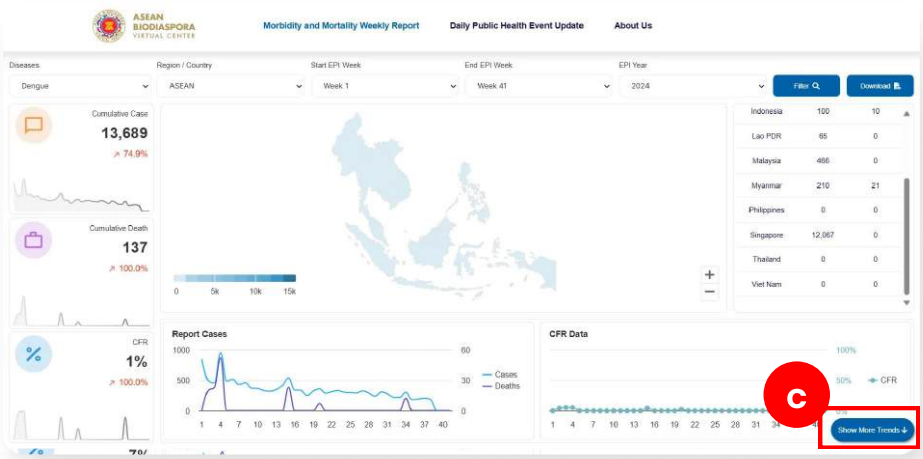
a. Chart Reported Cases

Displays a graph of case and death data based on parameters in the filter form



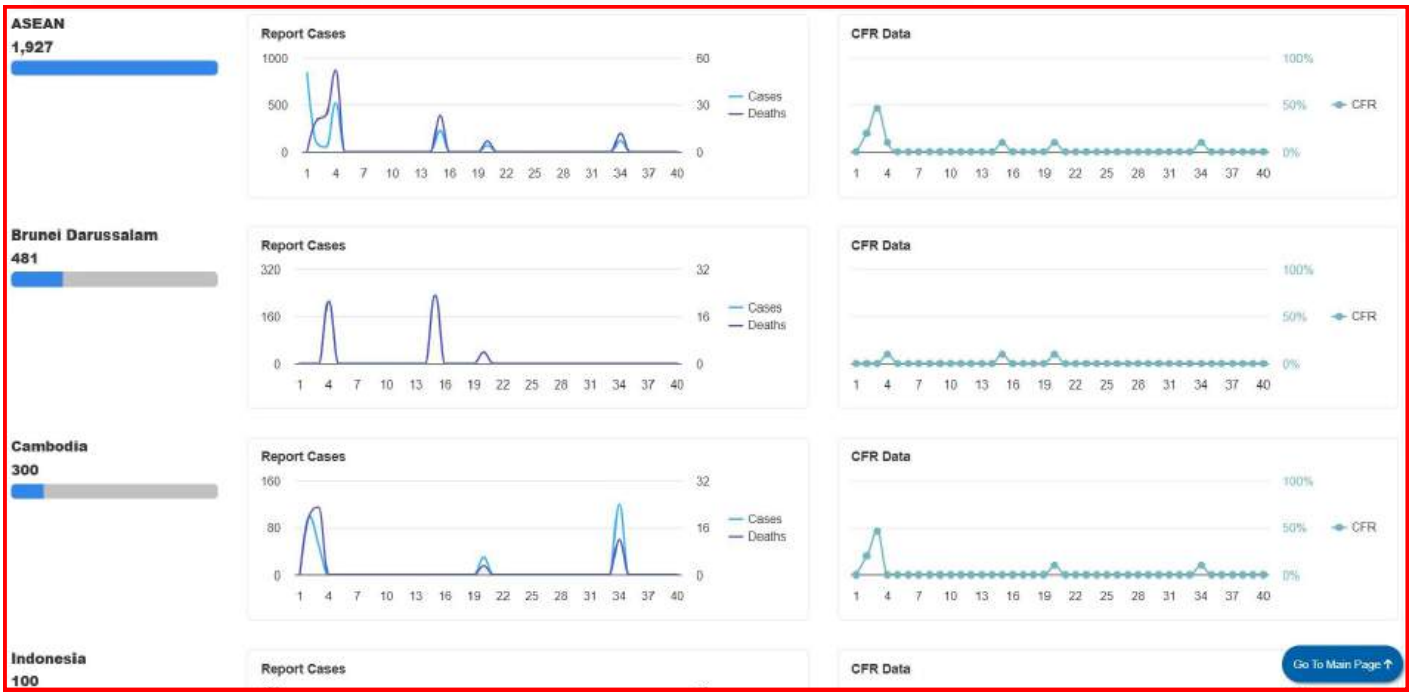
b. Chart CFR Data

Displays a graph of case and death data based on parameters in the filter form



c. Show More Trends

When you click the Show More Trends button, it displays a new section, namely the progress bar data and the chart, specific reported cases by region in the form filter parameter



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DAILY PUBLIC HEALTH EVENT UPDATE

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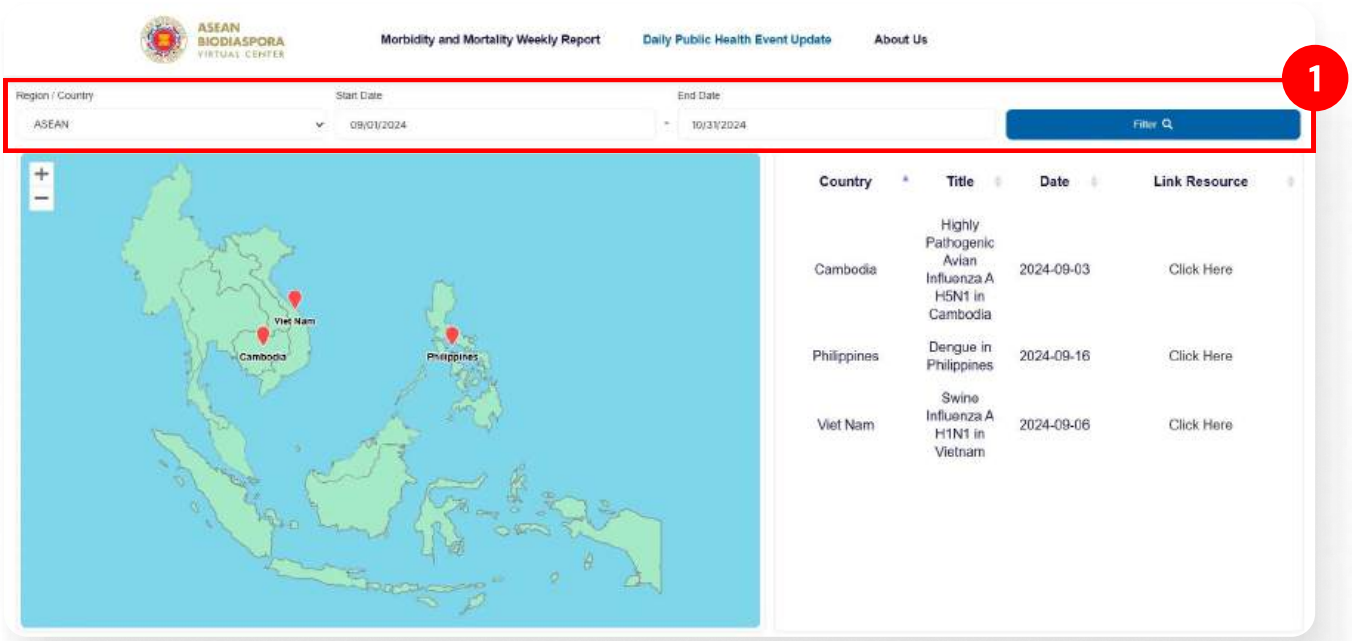
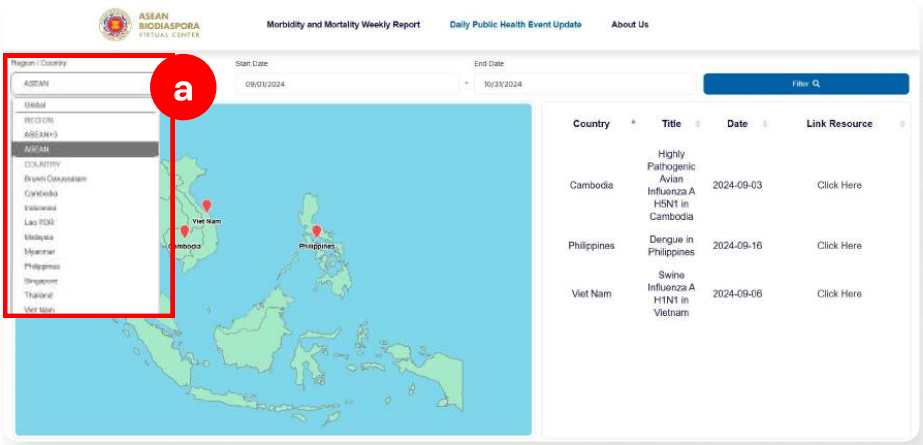


The Daily Public Health Event Update page consists of several sections:

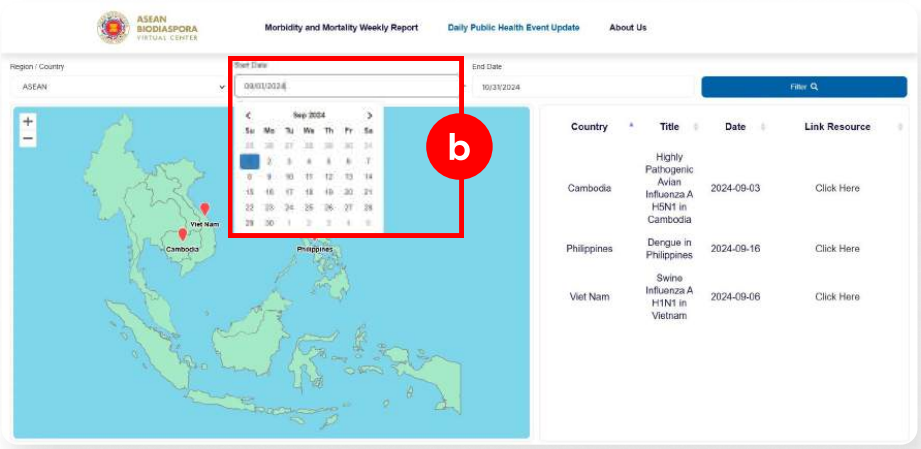
1. Form Filter Data

The data filter form section consists of several input parameters in displaying data, namely:



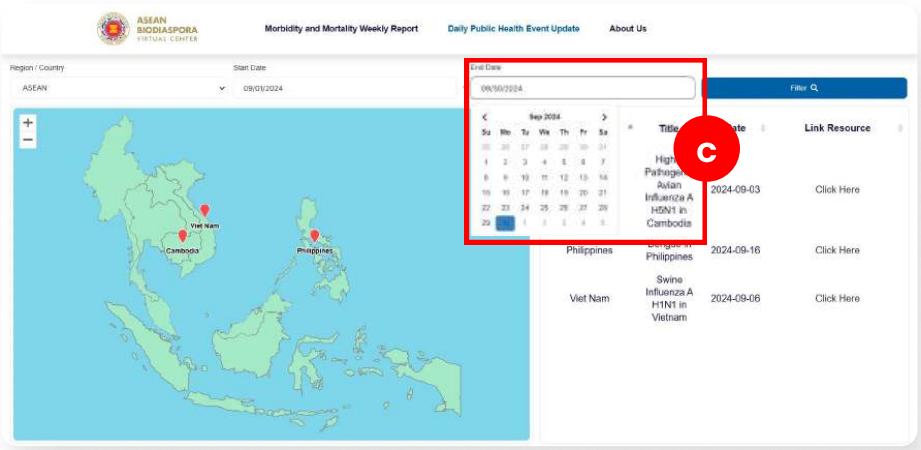
a. Region / Country

Consists of a regional list (continent) and a list of countries recorded in the system, to visualize the data within the Daily Public Health Event Update page, with ASEAN default



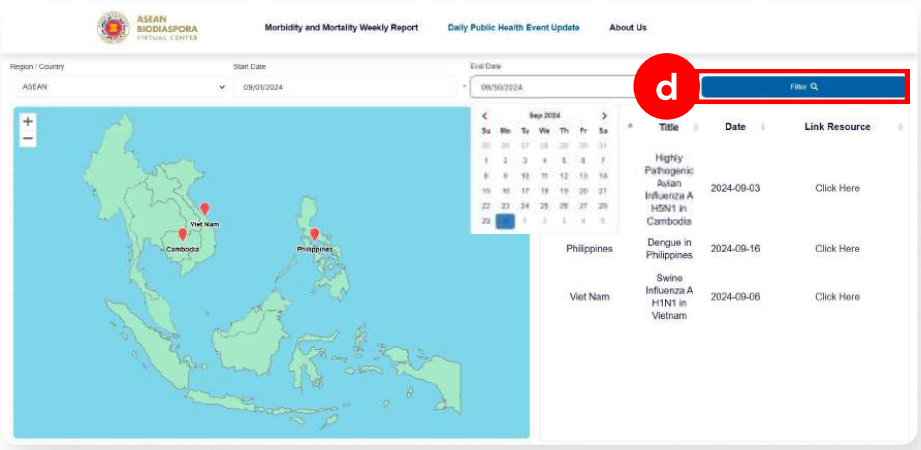
b. Start Date

Consists of date input to visualize the data within the page, with the default start on the 1st of the current month, with the note that the start date range must not be more than the end date range



c. End Date

Consists of date input to visualize the data within the page, with the default end on the last date of the current month, with the note that the end date range must not be less than the initial date range



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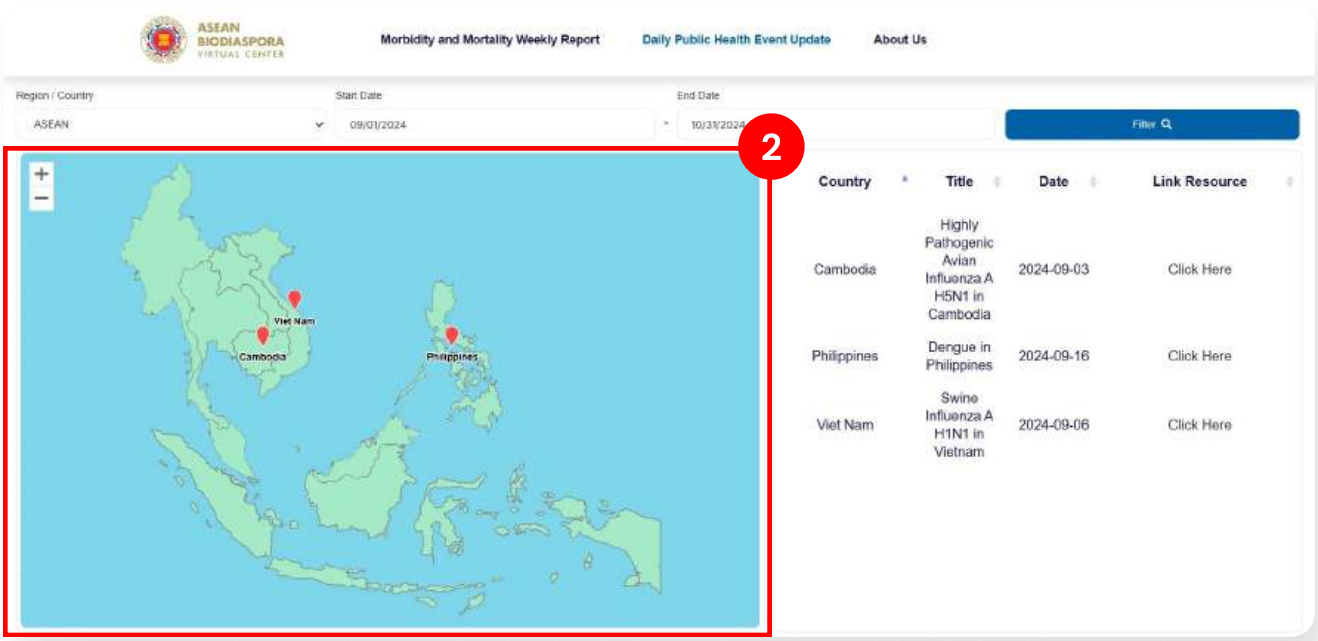
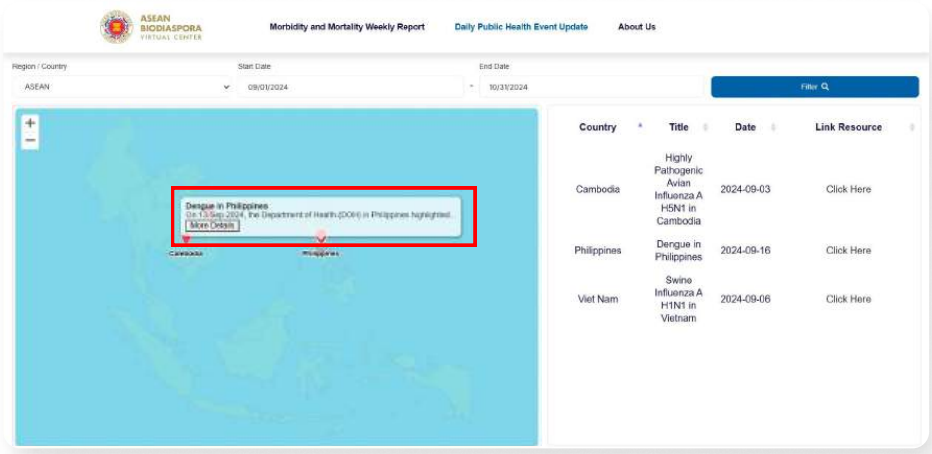
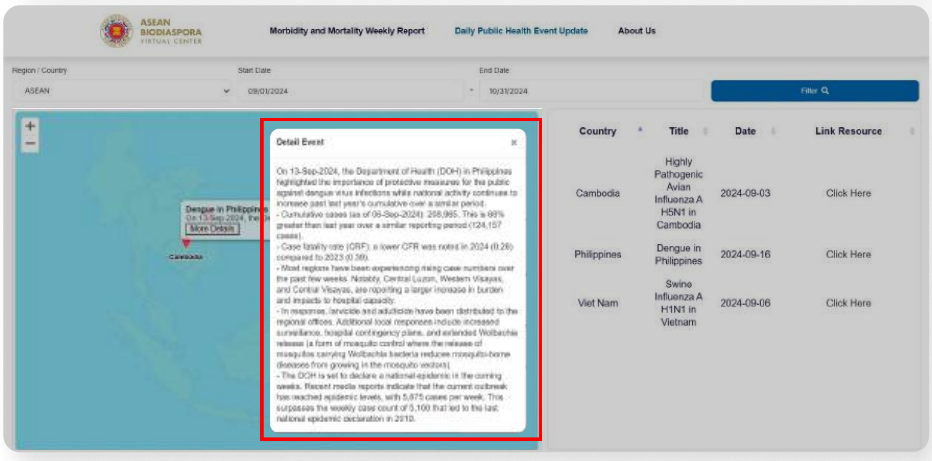


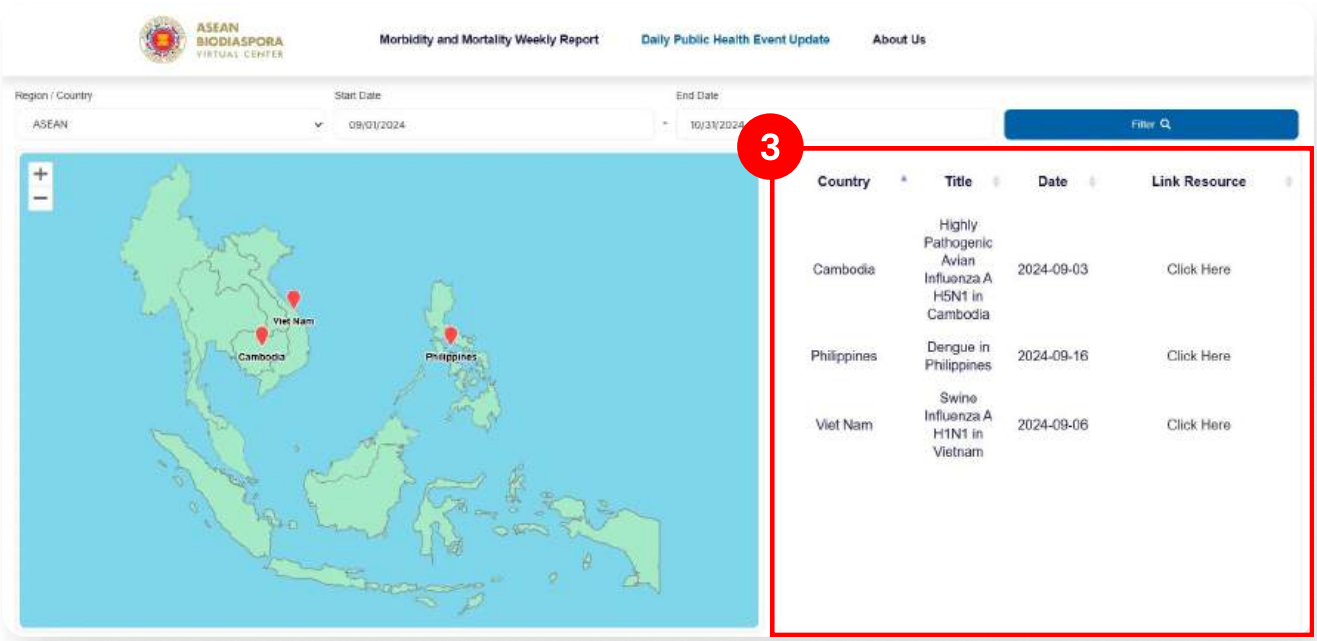
2. Map data

Displays a map of the distribution of event locations by country region within the filter form parameters



When the location point is **clicked/hovered,** displays the event description at that location





3. Table List

Displays a table containing a list of countries, event titles, dates, and event source links based on filter form parameters

ABOUT ABVC

ASEAN BIODIASPORA VIRTUAL CENTER

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About the ABVC Dashboard

About ABVC

The ASEAN BioDiaspora project spearheaded by Indonesia as the lead Country, obtained its endorsement for BioDiaspora project as part of the cooperation under ASEAN – Canada Partnership Program in 2014 by the ASEAN Expert Group on Communicable Diseases (AEGCD) and it was subsequently endorsed by the ASEAN Senior Official Meeting on Health Development (SOMHD). The ASEAN BioDiaspora project also articulated and included as one project activity under the ASEAN Health Cluster 2 Work Programme "Responding to All Hazards and Emerging Threats" 2016 – 2020

The ASEAN BioDiaspora, project to strengthen ASEAN Preparedness and Response to Biological Threats by Enhancing Regional Capacity in Big Data Analytics and Visualization with its objective to build regional capacity in big data predictive analytics that strengthens ASEAN's epidemic and pandemic preparedness and response capabilities.

In the project implementation mechanism, the ASEAN BioDiaspora project supported by BlueDot,Inc as the implementing agency supporting Indonesia being the lead Country. BlueDot provides technical expertise and support to develop web-based program an ASEAN customized web-application for risk assessment utilising Geographic Information System (GIZ) analytical tools and its relevant data.

Indonesia as the lead country shall be the Project Management Team (PMT) to oversee day-to-day project implementation and its administrative arrangement. The PMT headed by Project Coordinator that is based in Jakarta, Indonesia, to work closely with the project proponent, Ministry of Health, Indonesia.

Functions

The ASEAN BioDiaspora project has deep expertise in big data, geographic information systems, and data visualization that are complementary to current ASEAN activities and priorities. The central objective of this Activity is to build regional capacity in big data predictive analytics that strengthens ASEAN's epidemic and pandemic preparedness and response capabilities

Introduction to data and visualizations

The ASEAN BioDiaspora Virtual Center (ABVC) dashboard displays a Morbidity and Mortality Weekly Report (MMWR) that counts infectious and emerging diseases, including cases and mortality reported by countries, as well as the latest daily public health event that informs about diseases events found in the news. We hope that this dashboard will provide frequent updates to data visualization and dissemination.

Data visualization is graphical representation of data that help user understand varied information. They translate raw data into graphical formats, allowing for more rapid and intuitive analysis. Why visualization is important:

1. Simplicity: They make various information more understandable.
2. Visualization can reveal hidden trends and outliers in raw data.
3. Effective communication: data visualization can simplify various information for wider user.
4. Clear visualizations help user make sensible decision faster.

Carefulness must be exercised when interpreting all provided data and possible inconsistencies information across products released by the ABVC, WHO, national public health authorities and other sources with various inclusion criteria and data cut-off timings which will always be expected. However, endless efforts are made to ensure accuracy and reliability where all data is subject to continuous verification and update. All the above data may vary due to differences in case detection, definition, laboratory testing, vaccination strategy and reporting methodologies.

Sources and processing

This data is based on the following sources:

1. Government official release.
2. World Health Organization (WHO).
3. Our World in Data (OWID).
4. Center for Disease Control (CDC).
5. Bluedot Platform.

How we process data

All data and visualizations in ABVC are based on information from one or more original data providers. This original data must go through numerous processing procedures before being released. Depending on the data, this may include standardizing the country names and world region definitions, converting units, calculating related indicators such as case mortality rate, and adding or modifying metadata such as indicator's name or description.

Reuse this work

All data produced by data providers and made available by ABVC is governed by the license terms of the original providers. Our work would not be feasible without the data providers we rely on, therefore please cite them properly (see below).

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License

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Permission type

Publicly accessible

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Citation

Asean Biodiaspora Virtual Center 2024 https://devabvc.goodeva.id/. ABVC dashboard > About [Dashboard]. https://devabvc.goodeva.id/about

Disclaimer

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Maps

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ABVC has taken all reasonable efforts to ensure the accuracy of the datasets. However, the datasets are provided without any warranty, express or implied. User will be fully responsible for the use of the datasets. ABVC shall not be held responsible for any damages resulting from such use under any circumstances.

Contact us

For all other enquiries and feedback related to the ABVC Dashboard, please contact us via support@biodiaspora.org for further information.

About ABVC

Displays explanations related to ABVC and the contents of the ABVC Dashboard web

ASEAN BIODIASPORA VIRTUAL CENTER

THANKS FOR ATTENTION

GOODEVA TECHNOLOGY

2024