# Ministry of Economy and Finance

## General Department of Economic Policy

## Statistics and Economic Analysis Department

# MEF Database

**Improving Data Quality and User's Experience**

**July 2017**

# MEF Database

- MEF Database – incorporating a comprehensive data inventory including key monitoring macroeconomic and social data indicators.
- MEF Database – official statistics used for support informed decision making and for monitoring Cambodia's progress towards RS III, NSDP 2014-2018, IDP 2015-2025, Higher Education Vision 2030.

# Background

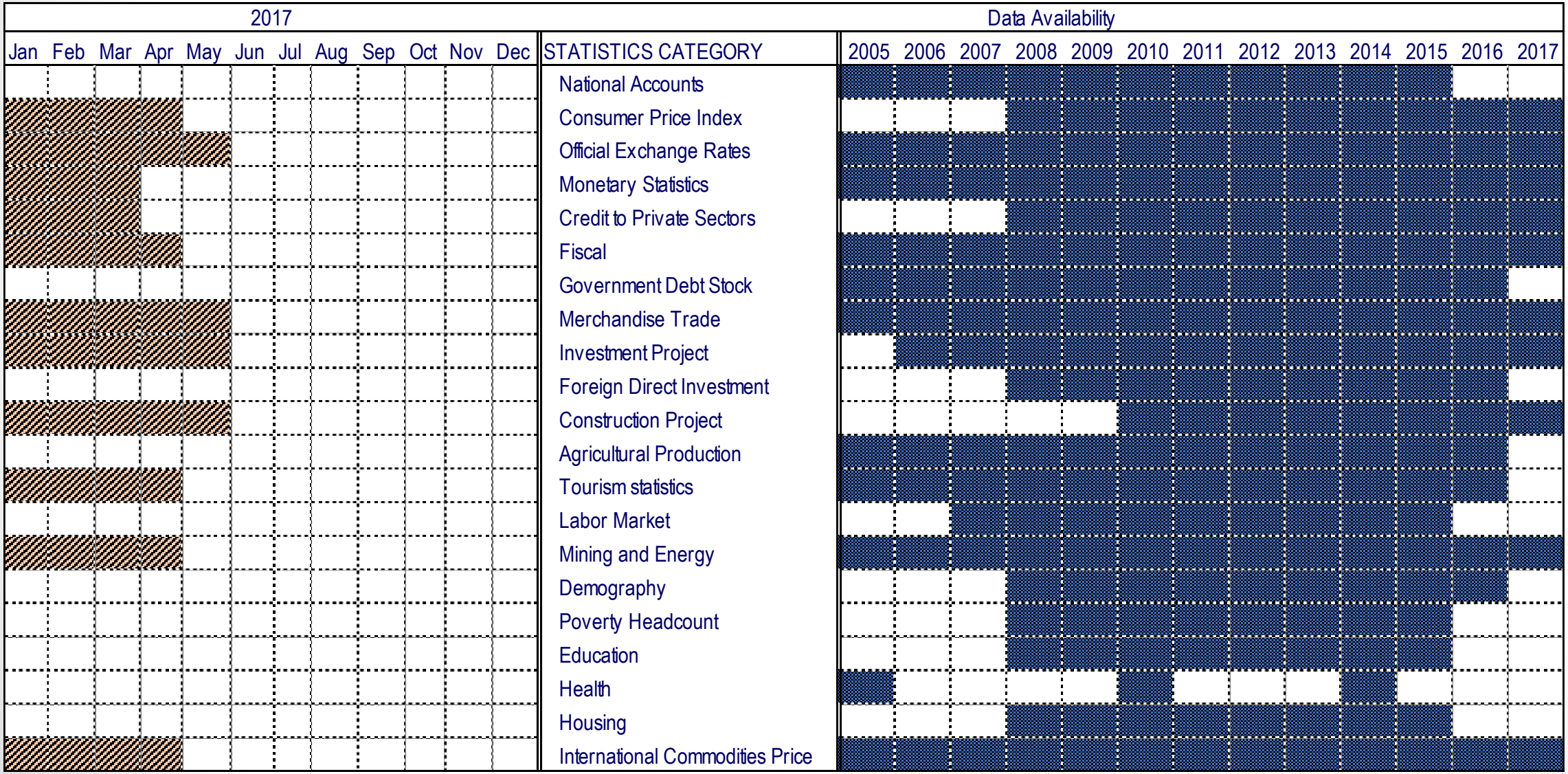
- **Phase I** -- May-August 2015: external assistance (80 indicators)
- **Phase II** -- September-December 2015: internal technical meetings to develop content structure and study data needs
- **Phase III** -- January-September 2016: Updated MEF database (11 Sectors with 1,469 indicators)
- **Phase IV** -- 2017
  - Training administrators, compilers, and users
  - Dissemination
  - Monitoring report

# Sectors Coverage

**Monitoring MEF Database Indicators**

| No. | Main Sectors | Sub-Sector | Data Files | Indicators | Data Availability |
|---|---|---|---|---|---|
| 01 | MAIN MACROECONOMIC SECTOR | 5 | | 33 | Yearly |
| 02 | PRICE AND EXCHANGE RATE | 2 | | 116 | Monthly/Yearly |
| 03 | NATIONAL ACCOUNTS | 4 | | 152 | Yearly |
| 04 | FINANCIAL SECTOR | 2 | | 114 | Monthly/Yearly |
| 05 | FISCAL SECTOR | 4 | | 213 | Monthly/Yearly |
| 06 | EXTERNAL SECTOR | 4 | | 326 | Monthly/Yearly |
| 07 | INTERNATIONAL INVESTMENT | 3 | | 178 | Monthly/Quarterly/Yearly |
| 08 | OTHER ECONOMIC INDICATORS | 5 | | 208 | Monthly/Yearly |
| 09 | DEMOGRAPHY | 3 | | 25 | Yearly |
| 10 | SOCIAL SECTOR INDICATOR | 5 | | 23 | Yearly |
| 11 | SELECTED WORLD ECONOMIC INDICATOR | 3 | | 81 | Monthly/Yearly |
| | Total | 40 | 475 | 1,469 | |

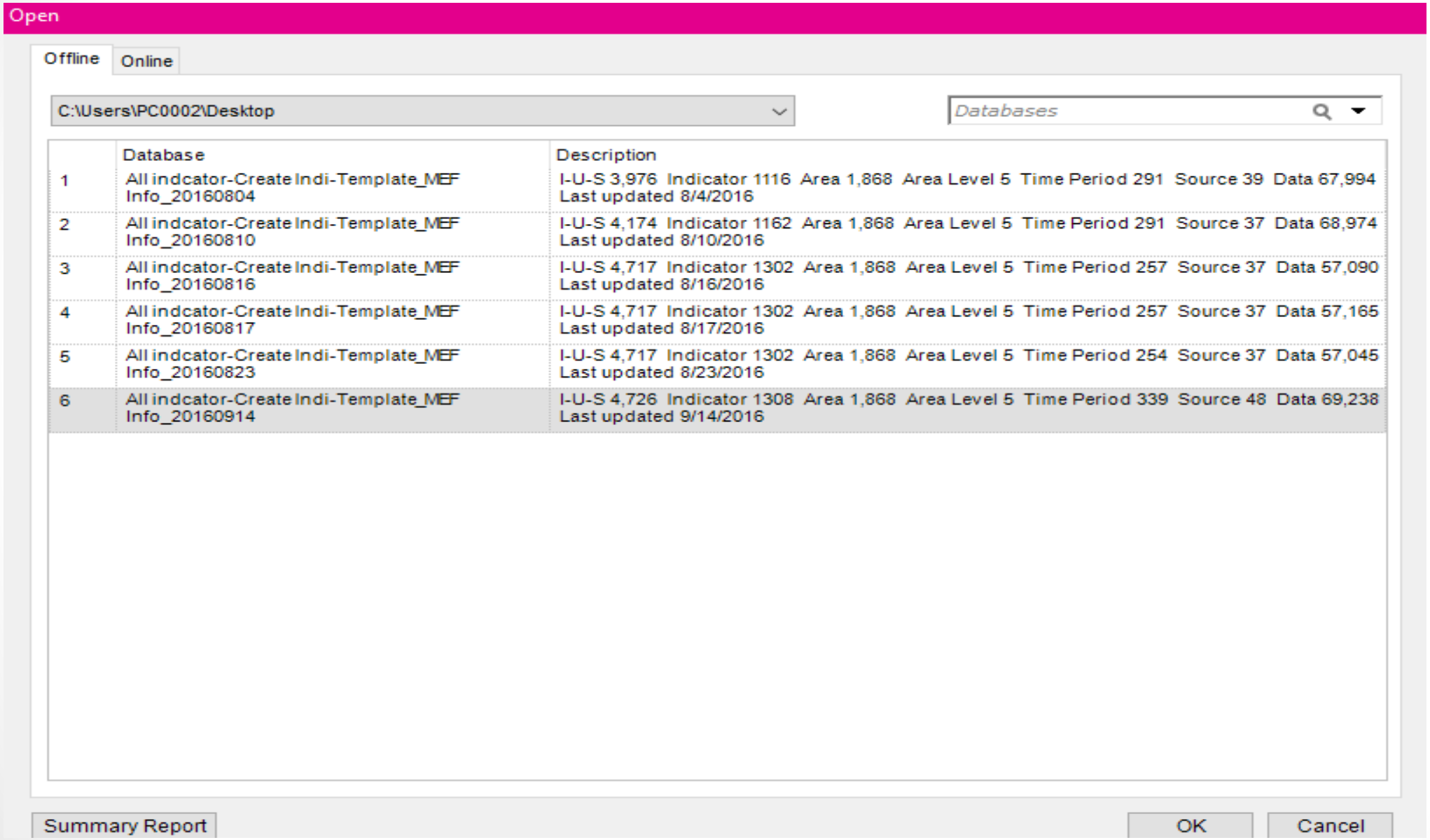
# Data Availability



# Start Page

MEFInfo - All indcator-Create Indi-Template_MEF Info_20170707
MEF Database
Database All indcator-Create Indi-Template_MEF Info_20170707
Data
Database Box
(search for database)
Top Panel
Data search box
MINISTRY OF ECONOMY AND FINANCE
start
Bottom Panel

# Database Box



# Top Panel Features

| | |
|---|---|
| MEF Database | Takes you back to the MEF Database home page from any window |
| **Indicator** | Opens the indicator window to allow you to view and select indicators |
| **Area** | Opens the area window to allow you to view and select areas |
| **Time Period** | Opens the time period window to allow you to view and select time periods |
| **Source** | Opens the source window to allow you to view and select sources |
| **Data** | Takes you to the data view window to allow you to view data |
| **Gallery** | Opens the Gallery window to allow you to view and edit saved tables, maps and graphs |
| **Reports** | Opens the Reports window to allow you to create and edit reports |

# Bottom Panel Features

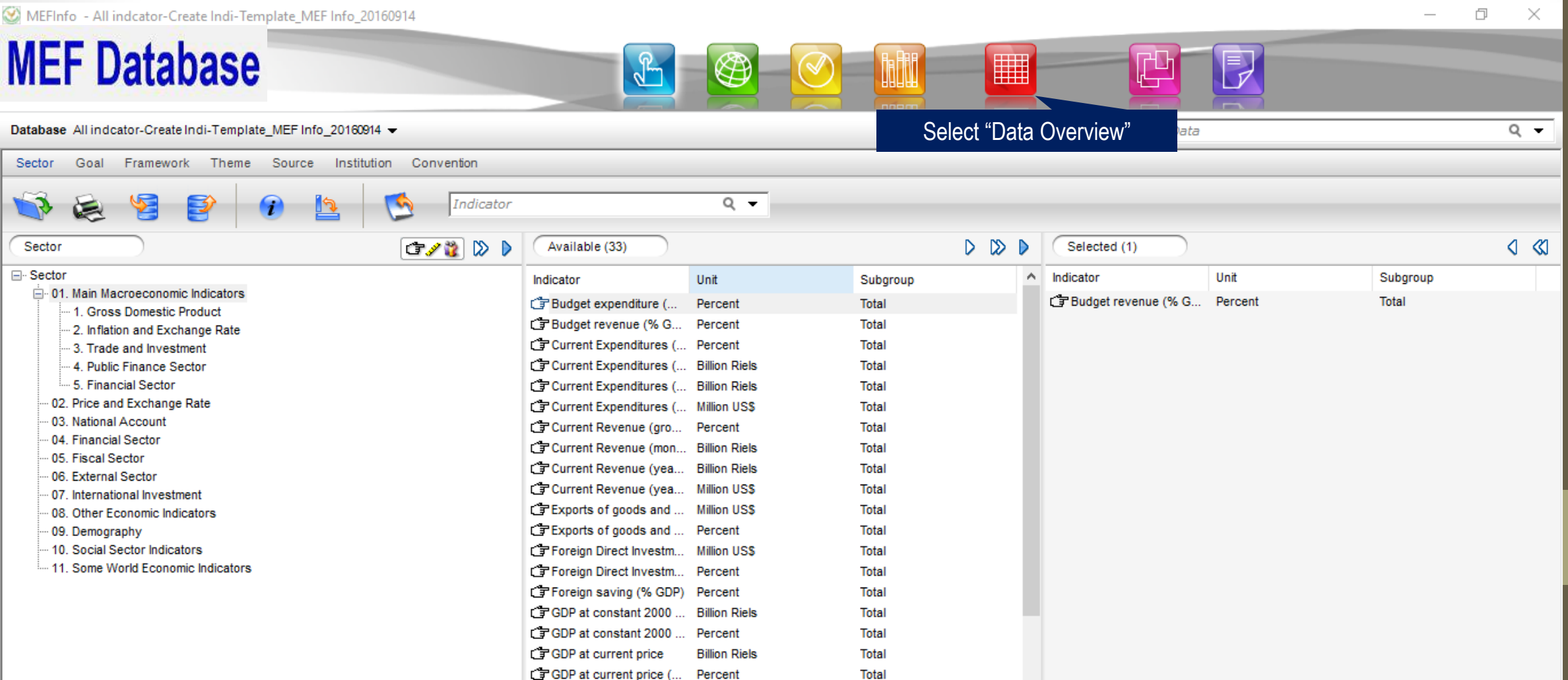
**Di About** Provides links to important product information about MEF Database including live updates

**Di Setting** Allows you to customize the MEF Database user interface settings

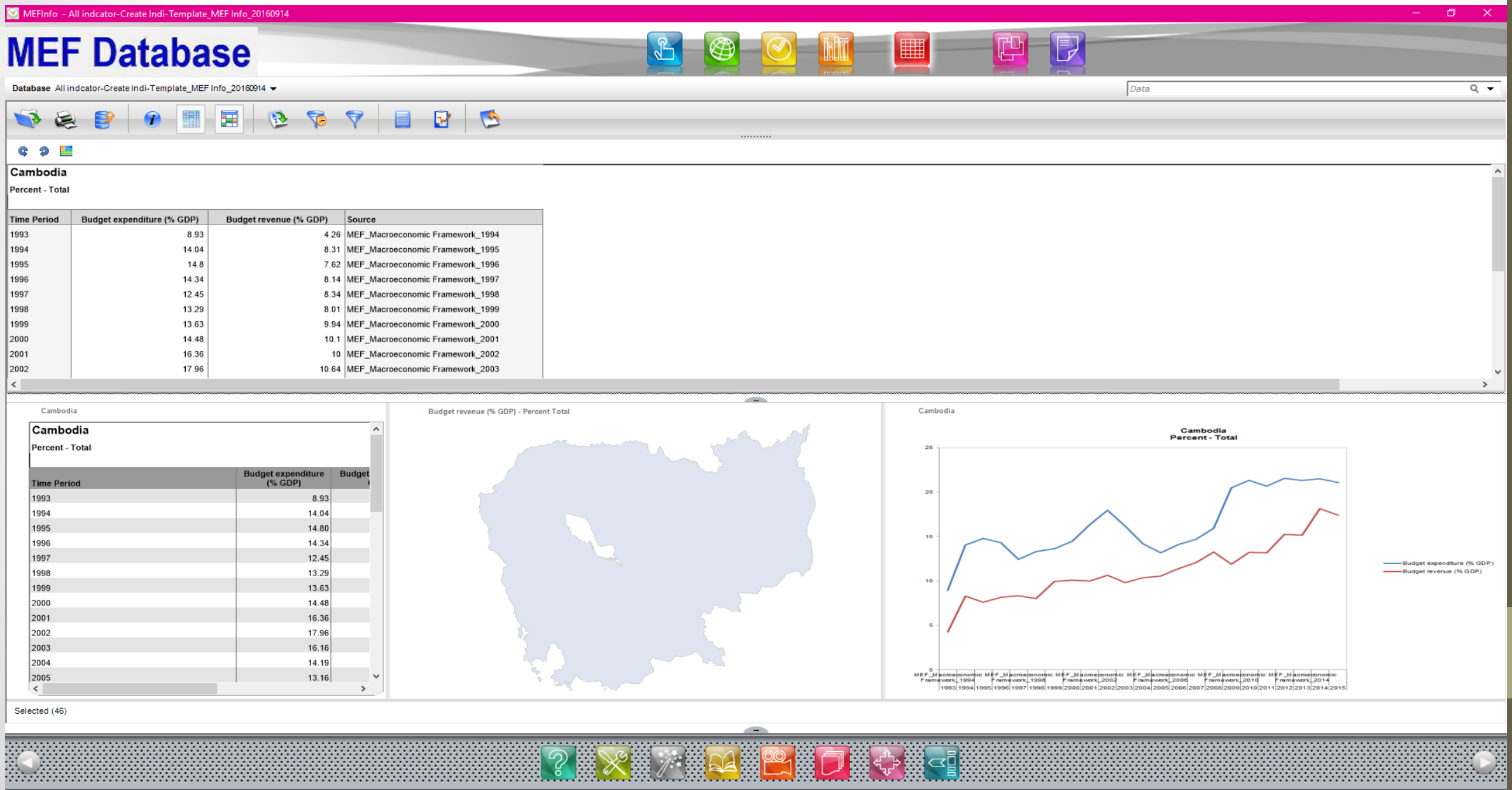
**DataWizard** Launches the Data Wizard

# Viewing Indicators

Press After selecting the Database file



# Viewing Data



# Data View Toolbars

Press After selecting the Database file

MEFInfo - All indcator-Create Indi-Template_MEF Info_20160914

## MEF Database

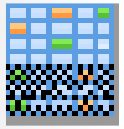
**Database** All indcator-Create Indi-Template_MEF Info_20160914

**Cambodia**

**Percent - Total**

| Time Period | Budget expenditure (% GDP) | Budget revenue (% GDP) | Source |
|---|---|---|---|
| 1993 | 8.93 | 4.26 | MEF_Macroeconomic Framework_1994 |
| 1994 | 14.04 | 8.31 | MEF_Macroeconomic Framework_1995 |
| 1995 | 14.8 | 7.62 | MEF_Macroeconomic Framework_1996 |
| 1996 | 14.34 | 8.14 | MEF_Macroeconomic Framework_1997 |
| 1997 | 12.45 | 8.34 | MEF_Macroeconomic Framework_1998 |
| 1998 | 13.29 | 8.01 | MEF_Macroeconomic Framework_1999 |
| 1999 | 13.63 | 9.94 | MEF_Macroeconomic Framework_2000 |
| 2000 | 14.48 | 10.1 | MEF_Macroeconomic Framework_2001 |
| 2001 | 16.36 | 10 | MEF_Macroeconomic Framework_2002 |
| 2002 | 17.96 | 10.64 | MEF_Macroeconomic Framework_2003 |

# Data View Toolbars

| | |
|---|---|
| **Open** | open the Open dialog box to select a new database |
| **Export** | export your data to another file format, such as .xls or .pdf |
| **Information** | display indicator, area and source information (metadata) about any highlighted record |
|  **Data View** | view the data displayed only in the three presentation preview panels - table, graph and map (Fig. 3.5). Click it again to return to the default view |
| **Table** | display the data view in table format. Click it again to return to the default view |
| **Sort** | open the Sort dialog box to sort the data according to various criteria |
| **Most Recent** | filter and display only the most recent data for each indicator |
| **Filters** | open the Apply Filters window to filter the data records according to various criteria |

# Data View Toolbars

**Statistics**

view the following statistical values for each of the I-U-S combinations displayed in the data view: count, minimum, maximum, mean, standard deviation and variance

**Start Over**

clear all selections for all data search elements and start over with a new search

**Calculate**

perform the following calculations on the data values: Percent, 100 Minus, Composite Index, Subtotal, Transform Unit and User Defined Formula

# Challenges & Next Activities

1. **Technical Issues, Database File Corrupted…**
2. **Expanding Indicators**
3. **Updating difficulties, interface not user-friendly**

1. Capacity building for compilers and users
2. Intended user-trainings and dissemination to users (MEF/Provincial Departments)
3. Database monitoring report
   - Performance of MEF Info Database application -- user's perspectives (software, functions, level of usage, effectiveness, usefulness, needs …)
   - Effective management of data – sustainability, accuracy, relevance, timely …
4. Study visit of database management essentials
5. Improving the dynamic of the system and develop possible linkages
6. Migration Offline to Online MEF Database / MEF Web

# Thank You!