



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 – 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

Start Page

The screenshot shows the MEF Database application interface. At the top left, the title bar reads "MEFInfo - All indicator-Create Indi-Template_MEF Info_20170707". Below this, the main header displays "MEF Database" in large blue text. A secondary header shows "Database All indicator-Create Indi-Template_MEF Info_20170707" with a dropdown arrow. To the right of the header is a search box labeled "Data" with a magnifying glass icon. A horizontal bar below the header contains seven colorful icons: a blue icon with a hand, a green globe, a yellow checkmark, an orange bar chart, a red grid, a purple square, and a purple document. A blue callout box labeled "Database Box (search for database)" points to the "Database" dropdown. Another blue callout box labeled "Top Panel" points to the horizontal bar of icons. A third blue callout box labeled "Data search box" points to the "Data" search box. The main content area features a central graphic with the logo of the Ministry of Economy and Finance (a golden bird) and a photograph of two men shaking hands. A "start" button with a right-pointing arrow is located below the graphic. A blue callout box labeled "Bottom Panel" points to the bottom navigation bar, which contains eight icons: a question mark, a wrench, a magic wand, an open book, a video camera, a red folder, a pink plus sign, and a blue folder. The bottom bar also includes left and right navigation arrows.

Database Box
(search for database)

Top Panel

Data search box

Bottom Panel

Database Box

Open

Offline Online

C:\Users\PC0002\Desktop *Databases*

	Database	Description
1	All indicator-CreateIndi-Template_MEF Info_20160804	I-U-S 3,976 Indicator 1116 Area 1,868 Area Level 5 Time Period 291 Source 39 Data 67,994 Last updated 8/4/2016
2	All indicator-CreateIndi-Template_MEF Info_20160810	I-U-S 4,174 Indicator 1162 Area 1,868 Area Level 5 Time Period 291 Source 37 Data 68,974 Last updated 8/10/2016
3	All indicator-CreateIndi-Template_MEF Info_20160816	I-U-S 4,717 Indicator 1302 Area 1,868 Area Level 5 Time Period 257 Source 37 Data 57,090 Last updated 8/16/2016
4	All indicator-CreateIndi-Template_MEF Info_20160817	I-U-S 4,717 Indicator 1302 Area 1,868 Area Level 5 Time Period 257 Source 37 Data 57,165 Last updated 8/17/2016
5	All indicator-CreateIndi-Template_MEF Info_20160823	I-U-S 4,717 Indicator 1302 Area 1,868 Area Level 5 Time Period 254 Source 37 Data 57,045 Last updated 8/23/2016
6	All indicator-CreateIndi-Template_MEF Info_20160914	I-U-S 4,726 Indicator 1308 Area 1,868 Area Level 5 Time Period 339 Source 48 Data 69,238 Last updated 9/14/2016

Summary Report OK Cancel

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

MEFInfo - All indicator-Create Indi-Template_MEF Info_20160914

MEF Database

Database All indicator-Create Indi-Template_MEF Info_20160914

Sector Goal Framework Theme Source Institution Convention

Indicator

Sector Available (33) Selected (1)

Indicator	Unit	Subgroup
Budget expenditure (...)	Percent	Total
Budget revenue (% G...	Percent	Total
Current Expenditures (...)	Percent	Total
Current Expenditures (...)	Billion Riels	Total
Current Expenditures (...)	Billion Riels	Total
Current Expenditures (...)	Million US\$	Total
Current Revenue (gro...	Percent	Total
Current Revenue (mon...	Billion Riels	Total
Current Revenue (yea...	Billion Riels	Total
Current Revenue (yea...	Million US\$	Total
Exports of goods and ...	Million US\$	Total
Exports of goods and ...	Percent	Total
Foreign Direct Investm...	Million US\$	Total
Foreign Direct Investm...	Percent	Total
Foreign saving (% GDP)	Percent	Total
GDP at constant 2000 ...	Billion Riels	Total
GDP at constant 2000 ...	Percent	Total
GDP at current price	Billion Riels	Total
GDP at current price (...)	Percent	Total

Indicator	Unit	Subgroup
Budget revenue (% G...	Percent	Total

- 01. Main Macroeconomic Indicators
 - 1. Gross Domestic Product
 - 2. Inflation and Exchange Rate
 - 3. Trade and Investment
 - 4. Public Finance Sector
 - 5. Financial Sector
- 02. Price and Exchange Rate
- 03. National Account
- 04. Financial Sector
- 05. Fiscal Sector
- 06. External Sector
- 07. International Investment
- 08. Other Economic Indicators
- 09. Demography
- 10. Social Sector Indicators
- 11. Some World Economic Indicators

Viewing Data

MEF Database



Cambodia

Percent - Total

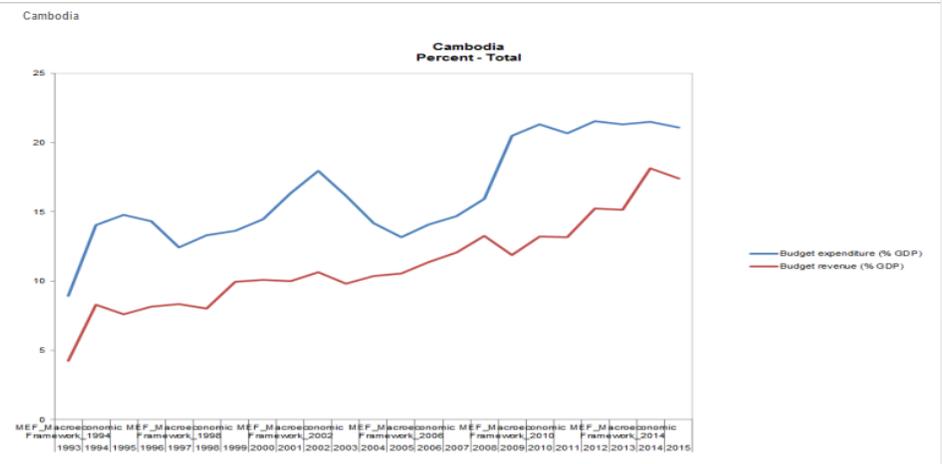
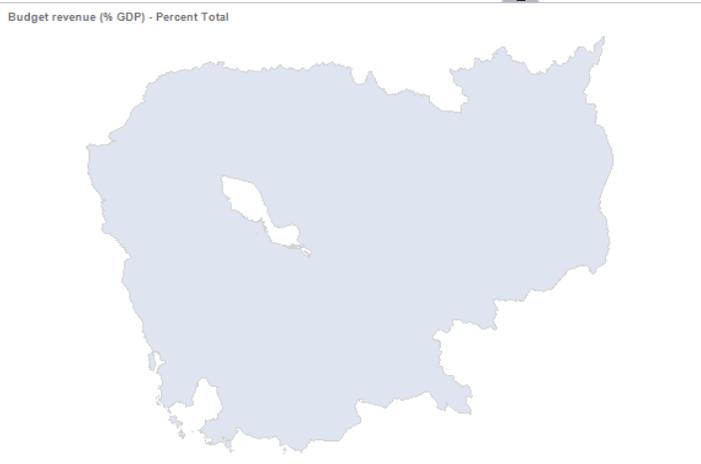
Time Period	Budget expenditure (% GDP)	Budget revenue (% GDP)	Source
1993	8.93	4.26	MEF_Macroeconomic Framework_1994
1994	14.04	8.31	MEF_Macroeconomic Framework_1995
1995	14.8	7.62	MEF_Macroeconomic Framework_1996
1996	14.34	8.14	MEF_Macroeconomic Framework_1997
1997	12.45	8.34	MEF_Macroeconomic Framework_1998
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

Cambodia

Cambodia

Percent - Total

Time Period	Budget expenditure (% GDP)	Budget revenue (% GDP)
1993	8.93	4.26
1994	14.04	8.31
1995	14.80	7.62
1996	14.34	8.14
1997	12.45	8.34
1998	13.29	8.01
1999	13.63	9.94
2000	14.48	10.1
2001	16.36	10
2002	17.96	10.64
2003	16.16	10.64
2004	14.19	10.64
2005	13.16	10.64



Data View Toolbars

Press



After selecting the Database file

MEFInfo - All indicator-Create Indi-Template_MEF Info_20160914

MEF Database

Database All indicator-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
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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

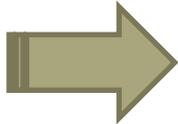
clear all selections for all data search elements and start over with a new search



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!

