

GENERAL METHODOLOGICAL NOTES ON HISTORIC DATA

General Standards

Since October 2003, the compilation of monetary statistics by the Central Bank of Malta has been consistent with internationally agreed statistical concepts and methodologies as set out in the IMF's *Monetary and Financial Statistics Manual (2000)*, the *European System of Accounts (ESA 1995)*, and Regulation ECB/2001/13 (as amended) concerning the consolidated balance sheet of the monetary financial institutions (MFI) sector.

Prior to October 2003, the compilation of monetary statistics was broadly in line with the IMF's *A Guide to Money and Banking Statistics in International Financial Statistics* of December 1984, (refer to [Changes In The Compilation of Money and Banking Statistics in Malta](#)).

Notes on extraordinary revisions:

- In January 2006, a reclassification exercise on monetary data going back to October 2003 was undertaken. This resulted in a change in the resident/non-resident status of certain companies, and necessitated major revisions in the counterparts of broad money as from that date. This also resulted in an increase in the monetary financial institutions' net foreign assets and a decrease in domestic credit.
- In December 2007, the reporting of the gross financial derivative instruments was revised by some reporting agents to be in line with international standards, which state that financial derivative transactions are to be treated as separate transactions rather than as integral parts of the value of the underlying transaction to which they are linked. This resulted in the revisions of gross financial derivative positions; on the assets as well as on the liabilities side as from December 2006 data.

Determination of 'Residence'

Monetary data are based on the classification of transactions by the residence of the transactors. The transactors in the institutional sectors may either be **residents** or **non-residents** of Malta, a transactor being that economic entity that is capable in its own right of owning assets, incurring liabilities and engaging in economic activities with other entities. The internationally agreed **residence** criterion for the purposes of statistical compilation is based on the transactor's 'centre of economic interest'. Thus, a transactor is considered to be a resident of Malta when it is engaged in a significant amount of production of goods and/or services in Malta or when it owns or rents land or buildings located in the country. The enterprise must maintain at least one production establishment over a period of at least one year (in economic activities and transactions on a significant scale). The economic territory includes free enterprise zones and bonded warehouses or factories operated by offshore enterprises under customs control. Transactors not meeting the above-mentioned criteria are considered to be **non-resident** units, ie. units that have their 'centre of economic interest' in other countries. Most offshore companies which are registered in Malta are treated as non-resident units since they do not have a centre of economic interest in Malta. Furthermore, diplomatic bodies, embassies, consulates and other entities of a foreign government located in Malta are considered as residents of the country they are representing and not of Malta.

Sector Classification of the Maltese Economy

The sectors of the Maltese economy, for statistical reporting purposes, are broken down by their primary activity into:

- (a) Banking Institutions
- (b) General/Central Government
- (c) Private Corporate/Business (non-bank) enterprises
- (d) Public Corporations and Authorities
- (e) Personal (or Households)

In addition to the above, there are those transactors that are considered to be non-residents (also referred to as the 'external sector' or the 'rest of the world').

(a) The **Banking Institutions** are divided into four subsectors:

- (i) Central Bank of Malta
- (ii) Deposit Money Banks (DMB)
- (iii) International Banking Institutions (IBI)
- (iv) Other Banking Institutions (OBI) - till December 2000

The **Central Bank of Malta** is a distinct corporate body having specialised functions. It is assigned the responsibilities normally assigned to the monetary authority of a country, which include the issuing of notes and coin, holding the external reserves of the country, ensuring monetary stability, and the safeguarding of a sound financial system.

Deposit Money Banks (DMB) are those banking institutions that offer deposits payable on demand, transferable by cheque, or otherwise usable for making payments to non-bank enterprises and households.

International Banking Institutions (IBI) are those banks that offer international banking facilities mainly to non-residents and accept deposits primarily from non-residents. Since international banking institutions are permitted to offer demand deposits to their customers, their assets and liabilities are consolidated with those of the deposit money banks in order to derive the statistical data for the *Banking Survey (shown in the table Monetary Base & Monetary Aggregates)*. The consolidated data of the IBI sector do not distinguish between those institutions that are registered under the Banking Act 1994 and those that are registered under the Malta Financial Services Centre Act, 1988.

Other Banking Institution (OBI) are banks that mainly grant long-term loans and, in general, do not offer any deposit facilities to their customers.

(b) The principal function of **General/Central Government** is to carry out public policy through the production of non-market services, primarily for collective consumption, and the transfer of income, financed mainly by taxes on units in other sectors of the economy. For statistical reporting purposes only one level of government exists in Malta, namely the central government, which implies that all central government operations also constitute the operations of general government. Thus, central government currently includes the local councils and the public non-profit institutions (such as government appointed commissions, boards, agencies, foundations etc). Public corporations and authorities, often referred to as non-financial public institutions (NFPIs), are not included in this sector (see section d).

(c) The **Private Corporate/Business Sector** comprises resident non-bank corporations under private ownership or control which are principally engaged in the production of market goods and non-bank services. These entities are collectively owned by shareholders that have the authority to appoint directors responsible for general management and may be a source of profit or other financial gain to their owners.

(d) **Public Corporations and Authorities** include non-bank corporations/authorities (also referred to as the parastatal sector or the non-financial public institutions) that are subject to control by government. 'Control' is defined as the ability to determine general corporate policy. Such public corporations and authorities are normally involved in the production of industrial and commercial goods or the provision of services for individual or collective consumption on a large scale.

(e) **The Personal Sector (or Household Sector)** include both resident individuals and unincorporated enterprises. A household may be defined as a group of persons who share accommodation, pool their income and wealth and who consume certain types of goods and services collectively. The latter are those involved in small-scale production that provides employment and income for individuals or their families.

Measures of Money

The Central Bank of Malta compiles data on three main monetary aggregates, namely **Narrow Money (M1)**, **Quasi-Money** and **Broad Money (M3)**. Narrow Money (M1) includes the most liquid components of Broad Money namely currency in circulation and demand deposits. Quasi-money comprises the residents' savings and time deposits. Broad money comprises the resident non-bank sector's holdings of bank notes and coin in circulation, and the resident non-bank deposits irrespective of denomination and maturity. Thus, Broad Money (M3) is broken down as follows:

- (i) Notes and Coin in circulation outside the banking system
- (ii) Deposits (non-bank), including:
 - Demand (current)
 - Savings
 - Time (fixed) deposits

The **Monetary Base (M0)** is defined as currency in issue and banks' deposits with the Central Bank, excluding term deposits.

Compilation Process

Monetary and banking statistics are based on a consolidation of the monthly financial statements provided by the three subsectors of the local banking system. Figures for the Central Bank of Malta are obtained from the Bank's monthly balance sheet. The banking institutions have to submit data to the Central Bank of Malta no later than fifteen days following the end of the reporting month or quarter. Branches, agencies and offices of banking institutions operating in Malta and which are not incorporated in Malta are also obliged to submit financial information in the requested schedules. The institutions compile monthly financial information in line with the international accounting norms as issued from time to time by the International Accounting Standards Committee. The monthly financial data of the international banking institutions regulated by the Malta Financial Services Centre Act, 1988 are submitted directly to the Central Bank by the Malta Financial Services Centre.

Basis of Calculation

Generally, monetary data show stock positions, i.e. outstanding balances on a particular date (end-month, end-quarter or end-year). Monetary data aggregates are consolidated, thus all identifiable interbank transactions are eliminated. Assets and liabilities which are denominated in foreign currencies are converted into Euro (EUR) at the middle exchange rate in effect at the end of the reporting period.

Valuation

Assets and liabilities are reported at book value. Thus, investments such as securities and deposits are shown netted of any premium and accretion of discount. Loans and advances include overdrafts but exclude bills discounted, and are reported before adjustments for specific and general provisions for bad and doubtful debts. Interest in suspense is included in the reported loans and advances. Monetary figures are shown on accrual basis.

Financial Market Rates

The statutory interest rates used by the Central Bank of Malta and other indicative benchmark money market rates are given as end-of-period rates in percentages per annum. The repurchase agreement/term deposit rates represent the prevailing rates as at the end of the month quoted from the last repurchase agreements session and the rates offered by the Central Bank. The interbank market offered rates are the prevailing rates in dealings between the banks in the official interbank market.

The weighted average deposits on current, savings and time deposits pertain to the Deposit Money Banks' interest rates on resident euro deposits. These are calculated by multiplying each amount by the different rates in each type of deposit and dividing by the total amount of each type of deposit. The weighted average lending rate is calculated by multiplying the amount of each loan or advance extended to residents in local currency by the interest rate applied thereto, and dividing by the total amount.

The interest rates applicable on government Treasury bills are obtained from the official rates quoted by the Treasury. These are weighted averages of the rates attached to the bills that are taken up by the bidders at the weekly auction. Interest rates on Malta Government Stocks represent weighted average gross redemption yields on applicable stocks with periods specified referring to remaining term to maturity. The Malta Stock Exchange Share Index measures movements in the price of all ordinary shares listed in the Official List of the Malta Stock Exchange. It is a market capitalisation index which weights the price and the number of shares of each listed firm. The index has a base of 1000 initiating on 27 December 1995.