



SCREENING CHAPTER 18 STATISTICS

ANNUAL ACCOUNTS

**Country Session: The Republic of TURKEY
17-18 July 2006**



CONTENT

- Overview
- Responsible Institution and Stakeholders
- Methodology
 - Coverage/disaggregation level
 - Data Sources
 - Classifications
 - Dissemination
- Future Plans



Overview

- Turkey has been involved in Eurostat work on national accounts since 2000
- Annual accounts are derived in two ways:
 - as the sum of four quarters
 - in the framework of SUT/IOT compilation
- National account time series are calculated for 3 different bases:
 - From 1923 to 1947, based on 1948 prices
 - From 1948 to 1967, based on 1968 prices
 - From 1968 to 2006, based on 1987 prices
- After revision studies, new base year will be 1998

Overview (cont'd)

- Before 1987, annual GNP for year T was estimated four times a year in T+1 to reflect annual growth
- The first estimate of annual GNP was based on the available data for the first three months, the second one for six months, the third one for nine months and the fourth one for twelve months
- TURKSTAT started to produce quarterly GNP and GDP estimates by production, income and expenditure approach since 1987
- Annual national accounts estimates are mainly derived as the sum of the four quarters
- The State Planning Organisation compiled Input-Output Tables (IOT) for 1959 and 1963
- TURKSTAT has produced IOT for 1968, 1973, 1979, 1985, 1990, 1996 and 1998 Supply and Use Table (SUT)



Responsible Institution

TURKSTAT

Stakeholders

Central Bank

Ministry of Finance

Undersecretariat of Treasury

Methodology

- Annual accounts exists only as,
 - sum of quarterly estimates (all years)
 - given in the framework of IOT/SUT (some years)
- The 1998 SUT is the first table according to the ESA concepts and definitions
- 1998 SUT was prepared at basic prices and symmetric IOT was derived according to the Eurostat Input-Output Manual, Compilation and Analysis



Methodology (cont'd)

Data Sources for IOT

Censuses

Surveys

Administrative registers

Classifications

For 1998 SUT, ISIC Rev.3 /aggregated 97 industry groups

Dissemination

The last SUT (1998) was published in 2004



Future Plans

2002 SUT, compliant with ESA 95, will be published in 2007



SCREENING CHAPTER 18 STATISTICS

QUARTERLY ACCOUNTS

**Country Session: The Republic of TURKEY
17-18 July 2006**



CONTENT

- Overview
- Responsible Institution and Stakeholders
- Methodology
 - Coverage
 - Data Sources
 - Classifications
 - Periodicity
 - Dissemination
- Future Plans



Overview

- National Accounts figures have been compiled on a regular quarterly basis since 1987
- Gross Domestic Product (GDP) is estimated by production, expenditure and income approaches
- The system consists of the following elements
 - Value added by kind of economic activity at current and constant prices
 - Expenditure on GDP at current and constant prices
 - GDP by cost components at current prices



Responsible Institutions

TURKSTAT

Ministry of Finance



Methodology

Production approach

- Value added by type of economic activity at producers' prices
- GDP at purchasers' prices and GDP at factor cost
- Base year is 1987
- Value added is equal to output at producers' prices
 - Intermediate consumption at purchasers' prices



Methodology (cont'd)

Expenditure approach

Private Final Consumption Expenditure

- Food and Beverages, Commodity Flow Method (CFM)
- Durable goods (CFM)
- Semi durable and non durable goods (CFM)
- Energy, transportation and communication
- Services
- Ownership of dwellings



Methodology (cont'd)

Expenditure approach

Government Final Consumption Expenditure

Gross Fixed Capital Formation (Public and Private)

- Machinery and Equipment (CFM)
- Building Construction (by Building Permits)
- Civil Engineering Works

Change in stocks

Exports of goods and services

(-) Imports of goods and services



Methodology (cont'd)

Income approach

- Other taxes and subsidies on production
- Compensation of employees by kind of economic activity
- Consumption of fixed capital (Perpetual Inventory Method)
- Operating surplus



Methodology (cont'd)

Data sources

- Surveys
- Administrative registers
- Censuses



Methodology (cont'd)

Classifications

- ISIC Rev.2
- Classification by Broad Economic Categories
- Classification by Broad Economic Categories (SITC Rev 3) is used to classify commodities as consumer goods, intermediate and capital



Methodology (cont'd)

Dissemination

- Press release covers GNP in current and constant prices (1987)
- Quarterly NA data are published 90 days after end of reference quarter for first and fourth quarters, while time lag is shortened to 70 days in the cases of second and third quarters

1st quarter	30 June
2nd quarter	10 September
3rd quarter	10 December
4th quarter	31 March (following year)



Future Plans

TURKSTAT is in the process of revising national accounts figures in accordance with ESA 95

Revision studies for Quarterly National Accounts

- Base year change from 1987 to 1998
- From value added at producers prices to value added at basic prices
- Chain-linked series, for constant price estimates (over the year technics)
- Financial intermediation services indirectly measured (FISIM) according to method 4a
- Allocation of FISIM (by industries, households and general government)



Future Plans (cont'd)

- Central Bank output, as the sum of costs
- Backward estimates to 1998
- NACE Rev 1.1 and A31 classification for production approach
- COICOP for private household consumption
- Exhaustiveness for QNA based on Labor Force Survey and annual sector statistics
- Using stratification method (by type of dwelling and heating system) for ownership of dwelling
- Computer software for gross fixed capital formation



SCREENING CHAPTER 18 STATISTICS

STATISTICS FOR OWN RESOURCES

**Country Session: The Republic of TURKEY
17-18 July 2006**



CONTENT

- Overview
- Responsible Institution and Stakeholders
- Methodology
 - Data Sources
 - Classifications
 - Periodicity
 - Dissemination



Overview

- Monitoring own resources have two dimensions: VAT, GNI Inventory
- Turkey has VAT implementation since 1984
- After GDP revision in accordance with the ESA-95, it will be possible to prepare a detailed GNI inventory reflecting current situation



Responsible Institution and Stakeholders

- TURKSTAT
- Ministry of Finance
- Revenue Administration

Methodology

Data Sources

VAT: MoF data for taxes on products and production

GNI: GDP figures prepared by TURKSTAT

Methodology (cont'd)

Classifications: For taxes on production

D.21 Taxes on products

D.211 VAT

D.212 Taxes and duties on imports excluding VAT

D.214 Taxes on products, except VAT and import taxes

Periodicity: Monthly for taxes on products and production

Dissemination: Monthly by MoF

Methodology (cont'd)

For GNI Inventory (Current situation)

There are two studies for description of Turkish National Accounts System:

- Short description of QNA for current situation
 - Statistical System
 - The architecture of NA
- Description of methodology used for calculation of GDP in the latest main NA publication
 - Data sources
 - Used methods for estimations for QNA, including production, expenditure and income approaches