



# Training Course on “Basic Data Analysis for Price and Foreign Trade Data”

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A world map is shown in the background, with the landmasses in a light grey color. Countries that are members of the Organization of Islamic Cooperation (OIC) are highlighted in a light green color. These include countries in Africa (Algeria, Mauritania, Mali, Niger, Chad, Libya, Egypt, Sudan, South Sudan, Ethiopia, Somalia, Djibouti, Kenya, Tanzania, Uganda, Rwanda, Burundi, Mozambique, Zimbabwe, Botswana, Namibia, Zambia, Malawi, Swaziland, Lesotho, South Africa), the Middle East (Saudi Arabia, Iraq, Syria, Jordan, Lebanon, Palestine, Israel, Turkey, Cyprus, Oman, Yemen, Kuwait, Qatar, United Arab Emirates, Bahrain, Oman, Saudi Arabia), and Asia (Pakistan, Afghanistan, Iran, Tajikistan, Uzbekistan, Turkmenistan, Kyrgyzstan, Kazakhstan, India, Indonesia, Malaysia, Brunei, Singapore, Philippines, Thailand, Cambodia, Laos, Vietnam, Myanmar, Bangladesh, Nepal, Bhutan, Sri Lanka, Maldives, Brunei, Singapore, Indonesia, Malaysia, Brunei, Philippines, Thailand, Cambodia, Laos, Vietnam, Myanmar, Bangladesh, Nepal, Bhutan, Sri Lanka, Maldives).

# Price Statistics and Price Indices

# Price Statistics and Indices

- Short-term economic indicator
- General economic and social analysis and policy determination;
- Base for the negotiation or indexation wages, salaries, insurance premia and service charges) and in judicial decisions (e.g. alimony payments)
- Deflation of current value aggregates in the national accounts and of retail sales

# Price Statistics and Indices

**Producer Price Index – PPI** provide a measure of average movements of prices received by producers of commodities. In principle, transport costs and consumption taxes are excluded. Producer price indices are not a measure of average price levels nor a measure of costs of production.

**Sectors covered;** Agriculture, Manufacturing Industry, Mining and Quarrying, Energy and Service  
*(But service sector is difficult to cover)*

# Price Statistics and Indices

**Consumer Price Index – CPI** - are index numbers that measure changes in the prices of goods and services purchased or otherwise acquired by households, which households use directly, or indirectly, to satisfy their own needs and wants.



**Inflation;** is a rise in the general level of prices of goods and services that households acquire for the purpose of consumption in an economy over a period of time.

# Price Statistics and Indices

CPI covers all goods and services which are included in Household Consumption Expenditure (HCE)

CPI includes all items in COICOP 01-12, (Individual consumption expenditure of households)

Expenditures excluded:

- ✓ made by residents whilst in a foreign country
- ✓ incurred for business purposes

# Price Statistics and Indices

- ✓ The prices used in the CIP are the prices paid by households to purchase individual goods and services in monetary transactions
- ✓ The weights of the commodities included in CPI are based upon set of aggregate expenditures of goods and services purchased by households
- ✓ The relative distribution of consumers' expenditure on individual products varies over time and "basket of goods", which is the based for calculations should be revised in certain time periods

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# Foreign Trade Statistics and Trade Indices

# Foreign Trade Statistics

- short-term economic indicator;
- an important input to the development of trade policy, including fiscal, monetary, structural and sectoral issues
- input to the compilation of balance of payments statistics and national accounts
- as an input to the compilation of import or export components of various price indices;

# Foreign Trade Statistics

**Data source;** Custom declarations



Administrative data

**NSOs responsibility;**

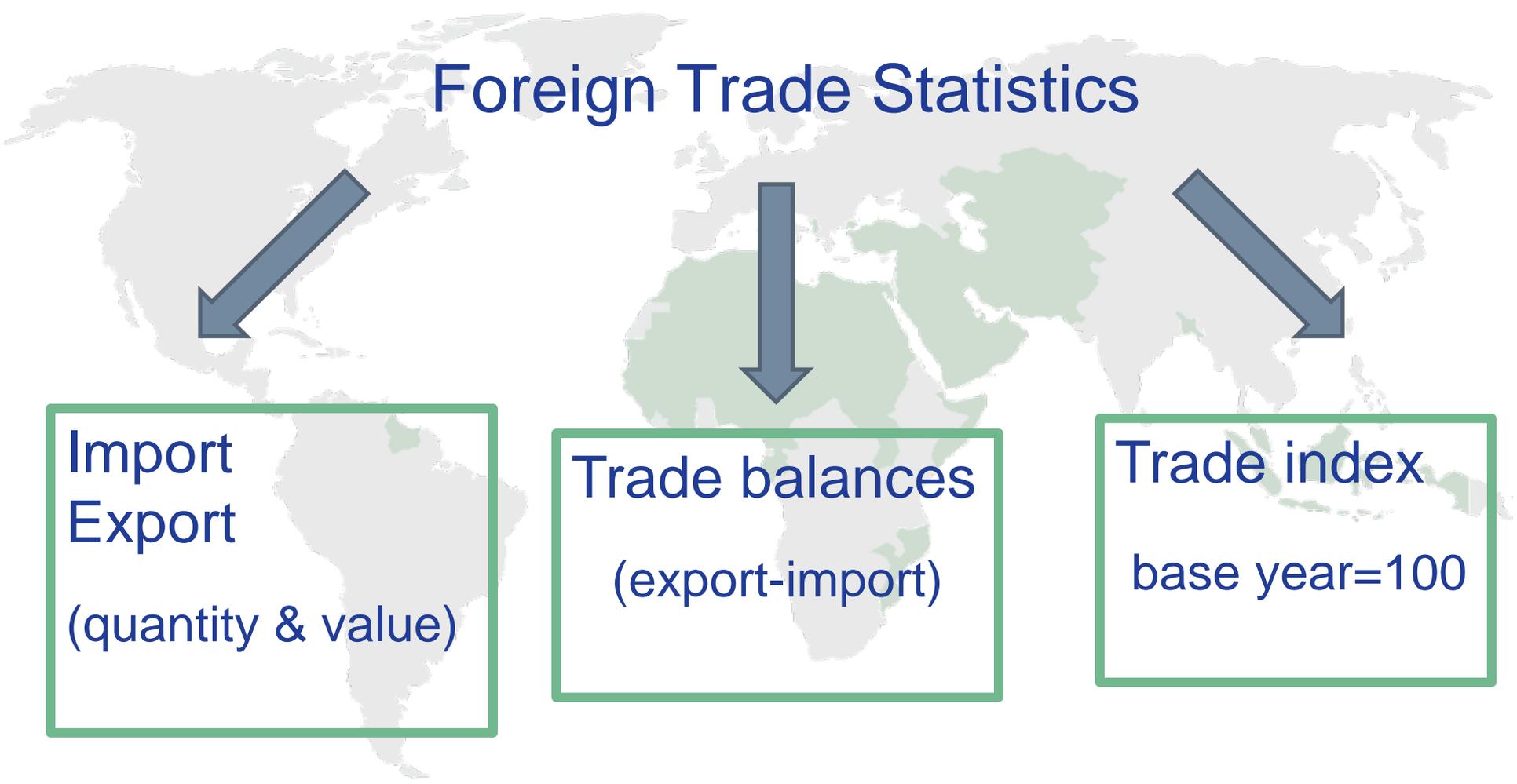
Evaluate and disseminate data

**International requirements;**

There are (6) international conventions and agreements to compile trade statistics

# Foreign Trade Statistics

## Foreign Trade Statistics

A world map is shown in the background, with three blue arrows pointing from the title 'Foreign Trade Statistics' to three separate boxes. The first arrow points to the Americas, the second to Europe and Africa, and the third to Asia. Each box contains text describing a different type of trade statistic.

Import  
Export  
(quantity & value)

Trade balances  
(export-import)

Trade index  
base year=100

# References

1. International Merchandise Trade Statistics, Compilers Manual, UN, 2004
2. Producer Price Index Manual; Theory and Practice, IMF, 2004
3. Consumer Price Index Manual (CPI); Theory and Practice, 2004

A light gray world map is centered on the slide. The country of Turkey is highlighted in a light green color. Overlaid on the map is the text "Thank You!" in a large, bold, blue font with a green outline.

**Thank You !**

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