

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Micro Data Usage

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Training Course on Development of Dissemination Methods

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Plan

- Introduction
- Confidential data
- Micro data usage
 - Group A
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Introduction

- **Data** is quantitative and/or qualitative statistical information obtained through surveys or administrative records

YEAR	CODE	DESCRIPTION	VOLUME_ PROD_KG	VALUE_ PROD_TL
2016	102013	Fish, frozen	10 000	80 000

- **Micro data** is the record level data gathered from survey, administrative record or other sources of which the identity information directly describe the statistical unit such as name, title and address are deleted, and descriptor information like tax identity numbers etc. are changed

TAX_ID	ID	YEAR	CODE	DESCRIPTION	VOLUME_ PROD_KG	VALUE_ PROD_TL
5875	2184564	2016	102013	Fish, frozen	7 000	55 000
7941	1541546	2016	102013	Fish, frozen	3 000	25 000

Micro Data Usage – Confidential Data

- **Confidential data** is data arranged in a table format which enable identification of the statistical unit **directly** or indirectly together with its characteristics and therefore enable the revelation of individual information
 - if number of statistical units is less than three
 - when number of statistical units is three and more, if data or information regarding any unit is made up more than 80 % of total data in that cell, and the data concerning two units is formed more than 90 % of total data in that cell
- **Direct recognition** is identification of a statistical unit's identity with its name, address or identity number officially provided and generally known

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Micro Data Usage – Confidential Data

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 - if number of statistical units is less than three
 - when number of statistical units is three and more, if data or information regarding any unit is made up more than 80 % of total data in that cell, and the data concerning two units is formed more than 90 % of total data in that cell
- **Indirect recognition** is identification of a statistical unit's identity by taking advantage of other characteristics which are not taking part in direct recognition

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Micro Data Usage

- [Regulation of Procedure and Principles of Data Confidentiality and Confidential Data Security in Official Statistics](#)
- [Instructions for the Access and Use of Micro Data](#)
- Micro data sets are established from the records in order to reinforce the scientific researches by TurkStat
 - These data sets brought into use upon approval of TurkStat are classified into Group A and B depending on access procedures

Micro Data Usage - Group B Micro Data

- Group B Micro Data is data which do not include confidential data, and has no restriction for dissemination and can be provided in CD format
- Researchers read “[Instructions for the Access and Use of Micro Data](#)” and fills out the “[Micro Data Request Form](#)” via internet, and print out the form and get approval of his/her institution/organization
- Upon the approval of the request and signing of the “[Letter of Undertaking](#)”, micro data can be used

Micro Data Usage - Group B Micro Data

- Household Labour Force Survey
- Household Budget Survey
- Time Usage Survey
- Income And Living Conditions Survey
- Life Satisfaction Survey
- Structure of Earnings Survey
- Adult Education Survey
- Global Adult Tobacco Survey
- Health Services Satisfaction Survey
- Turkey Disability Survey
- Survey on Problems and Expectations of Disabled People
- Working Child
- Health Survey of Turkey

Micro Data Usage - Group A Micro Data

- Group A Data comprises of data that are permitted to be accessed only in Data Research Centers and not allowed to be taken out of TurkStat
 - Data Research Centers settled at the Headquarter in Ankara and some Regional Offices
- Researchers read “[Instructions for the Access and Use of Micro Data](#)” and fill out the “[Micro Data Request Form](#)” via internet, and print out the form and get approval of his/her institution/organization
- Upon the approval of the request and signing of the “[Letter of Undertaking](#)”, the researcher can start the study in Data Research Center
- Results shall not be permitted to be taken outside of the Data Research Center without being controlled by the related Department whether it includes confidential data or not

Micro Data Usage – Data Research Center

- The services given in Data Research Center are carried out under the responsibility of the Head of Data Dissemination and Communication Department at the Headquarter, and of the units authorized by the Regional Office Director
- The services are provided in Data Research Center through the computers installed with the operation system and software compatible with the data processing standards of the Institution, and without network connections and data transmission facility
- If a researcher demands a software for his/her analysis other than that of the Institution, the necessary installation and deleting processes of new software provided that it is at his/her own licensed shall be done by the Institution

Micro Data Usage – Data Research Center

- It is not permitted to the entrance of a researcher in Data Research Center who did not sign the Protocol
- Researcher shall get an appointment beforehand for his/her dates of study requested
- At least one staff of the Institute shall supervise the researchers in Data Research Center steadily
- Researcher shall inform the staff of the Institute about any documents that he/she bring or take away to and from the Data Research Center

Micro Data Usage – Data Research Center

- Any equipment other than those available in Data Research Center such as laptop, mobile phone, camera, recorder etc. is not allowed to be used, these are kept in an allocated cupboard
- Researcher shall not make any attempt to record the data set in a way of electronic, photographic, printing, taking note etc, or to pass over the available security precautions
- The Data Research Center is recorded by camera surveillance system as long as it is open and these records are referred when needed
- The computer used by researcher may be watched by the staff of the Institute

Micro Data Usage - Group A Micro Data

- Foreign Trade Statistics
- Annual Industry and Service Statistics
- Annual Industrial Production Statistics
- Information and Communication Technology Usage Survey by Enterprises
- Research and Development Activities Survey of Industry and Service Enterprises
- Manufacturing Industry Establishments Water, Wastewater and Waste Statistics
- Environmental Employment, Revenue and Expenditure Statistics of Enterprises

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