



Use and Role of Administrative Records/Data In The Modern Turkish Official Statistics Production Process

2024 Expert Meeting on Statistical Data Collection and Sources
22-24 May, 2024
Geneva

TURKISH STATISTICAL INSTITUTE

In this study,
within the framework of Türkiye's example,
applications regarding the Use and Role of Administrative Records/Data in
the modern official statistics production process will be revealed.

The data that forms the basis of statistics;

- Surveys
- Administrative records/data



The truest guide in life is knowledge and science.

Administrative records/data provide...in statistical production processes.

- ✓ savings,
- ✓ labor and costs,
- ✓ Also ensuring regular information production (annual, monthly, etc.)

Drop by drop becomes a lake

New Vision of TURKSTAT

- becoming Türkiye's Data Governance Center

Goal:

- increasing the role of administrative records/data in the official statistics production process



Legal Basis:

- Turkish Statistical Law, No. 5429
 - ✓ authority to access administrative records/data

- Official Statistics Program (OSP)
 - ✓ 2007-2011
 - ✓ 2012-2016
 - ✓ 2017-2021
 - 2022-2026



Official Statistics Program;

- for a 5-year period
- in order to
 - ✓ determine the basic principles and standards
 - ✓ dealing with the production and dissemination of official statistics
 - ✓ to produce reliable, timely, transparent and impartial data required at national and international level.



Law is the basis of administration

The main aim of the OSP;

- ✓ to create a disciplined statistical production process by passing on to a disciplined statistical management

Visit for more details <https://www.resmiistatistik.gov.tr/>

Official Statistics Program Statistical Study Themes

1. Statistical Infrastructure
2. Demographic Statistics
3. Social Statistics
4. Employment Statistics
5. Economic Statistics
6. Price Statistics
7. Sectoral Statistics
8. Agriculture Statistics
9. Environment Statistics and Sustainable Development
10. Quality of Life Statistics

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OSP Working
Groups

Use and Role of Administrative Records/Data

Summary administrative record/data statistics:

- produces 110 statistical products
- 399 administrative record/data
 - ✓ 80 public institutions/organizations,
 - ✓ 47 universities and private sector companies.



Administrative record/data is transferred to TURKSAT:

- regularly (instant, weekly, monthly, quarterly and annually)
- via CD, mail, FTP, sFTP and webservice methods

Efforts continue to increase the use of administrative records/data in statistical products.

Good data management requires strong protection

Administrative Records/Data Inventory Software Project

With the Project, administrative records/data:

- ✓ received through a single system
- ✓ supply in standard format
- ✓ access to metadata of data
- ✓ monitoring and reporting through the system
- ✓ Etc.



Administrative Data and Register Systems in Turkish Statistics System

Register Systems in Turkish Statistics System

1. Statistical Business Registers System
2. Agricultural Business Registration System
3. Address Registration System
4. Migration Registration System
5. National Address Database
6. Education-Labour Force Database
7. Cause of Death Data System

Main Administrative Data Systems in Turkish Statistics System

- **Central Population Management System (MERNIS)**
 - ✓ Birth, death, marriage and divorce events, citizenship and other vital events

- **National Address Database (NAD)**
 - ✓ All address components within the borders of the country.

- **Address Based Population Registration System (ABPRS)**
 - ✓ Personal information in MERNIS was matched with address information

Republic of Türkiye Identity Number

- unique ID number in MERNIS
- assigned to all Turkish Citizens
- comprised of 11 digits
- used nationwide by all government agencies in public services



Provides:

- ✓ registering all vital events occurred from the moment of birth
- ✓ fast and efficient public services
- ✓ fast and efficient identification
- ✓ linkage between addresses and personal information.

Main Structure



Central Civil Registration System (MERNİS)



National Address Database (NAD)



Foreigners living in Turkey



Address Based Population Registration System

ABPRS as a **statistical register**



Use and Role of Administrative Records/Data

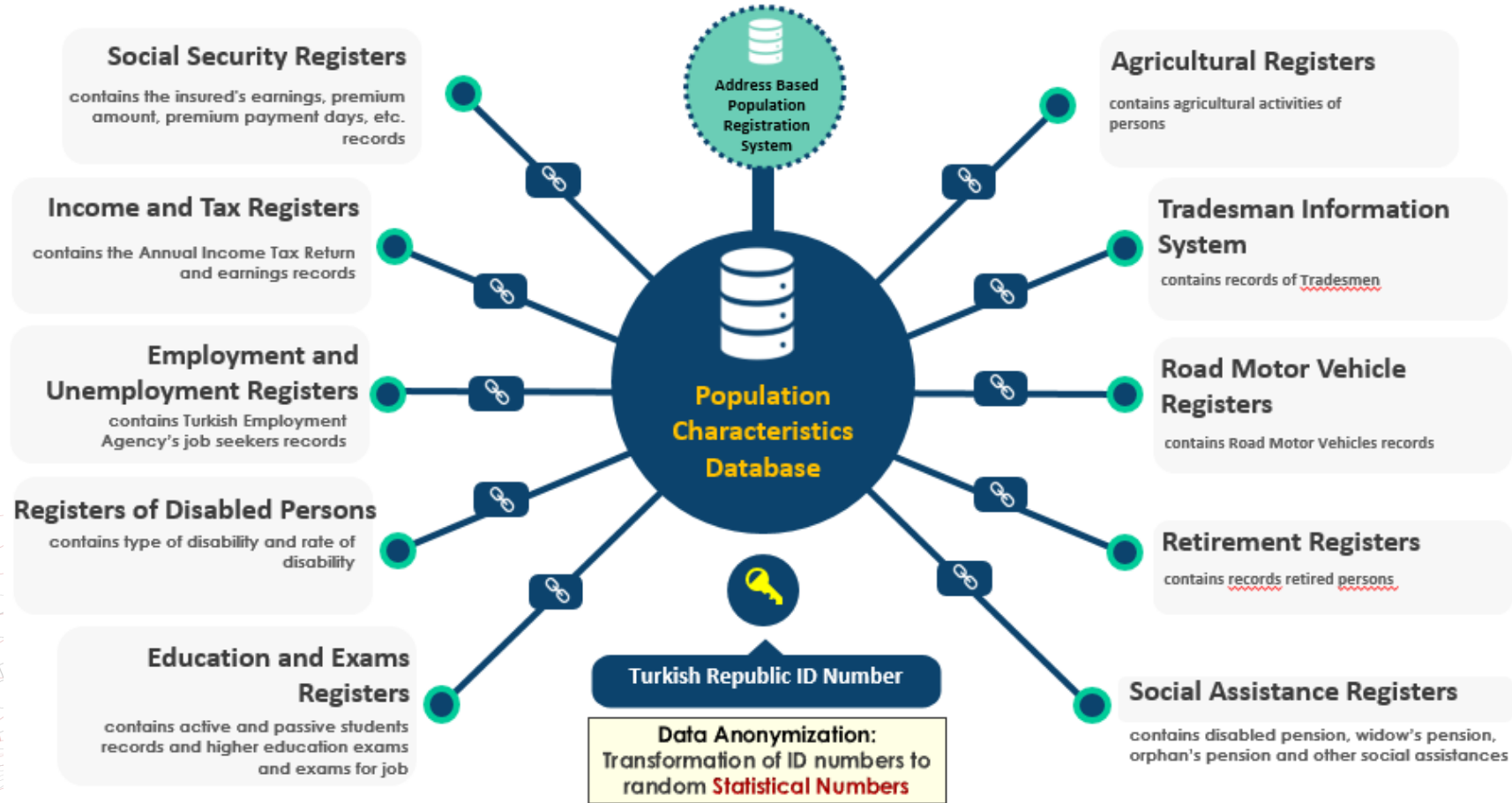
Statistics produced annually produced from ABPRS (since 31 December 2007)

- ✓ Population size by localities
- ✓ Age and sex structure
- ✓ Literacy and completed level of education
- ✓ Nationality (country of citizenship)
- ✓ Marital status
- ✓ Place of civil registration
- ✓ Mean household size
- ✓ Internal migration (since 2009)
- ✓ Place of birth (since 2014)
- ✓ Type of households (since 2016)
- ✓ Immigration and emigration (since 2016)

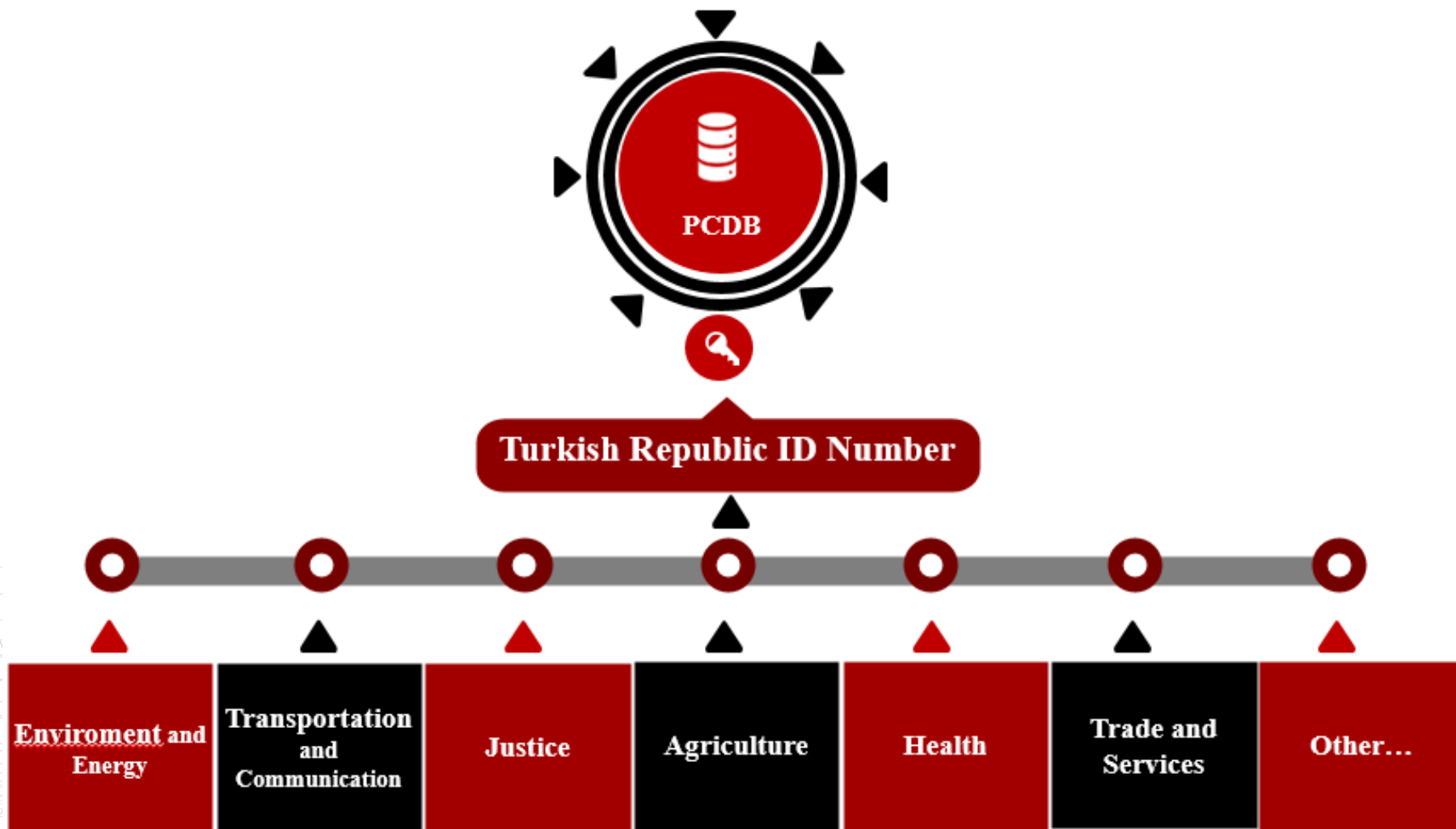
ABPRS is also base for:

- ✓ Life tables
- ✓ Population projections

Population Characteristics Database



Use and Role of Administrative Records/Data



Population Characteristics Database (PCDB):

provides integrated information at individual level such as

- ✓ Age-sex structure
- ✓ Nationality
- ✓ Disability
- ✓ Education
- ✓ Employment status
- ✓ Marital status
- ✓ Property
- ✓ Migration
- ✓ Family structure



Population
Statistics Portal

<https://nip.tuik.gov.tr/>

Use and Role of Administrative Records/Data

Census Year	Method	Cost (According to March 2024)
2000	Traditional	39 million Euro
2007	Establishment of the ABPRS	32 million Euro
2011	Combined	8 million Euro
2008-2023	Production from the ABPRS	0 Euro



ABPRS 17
years old.
Alternative
perspective:
Cost per year:
1.8 million
Euro



TURKSTAT Children's Portal

- ✓ New portal developed with the use of administrative data
- ✓ On April 23, National Sovereignty and Children's Day, our new portal specifically for children, "TURKSTAT Children's Portal", was opened for access.
- ✓ TURKSTAT Mascot named "**Mod**"
- ✓ Special applications for children to make them love and teach statistics

<https://tuikcocuk-en.tuik.gov.tr/>



Use and Role of Administrative Records/Data

TÜİK Çocuk Portal Login

Fill in Information and Start

Your Name

önder

Your Height in cm

178

Your Weight in kg

89

The City You Live in

Ankara

Your Gender

Boy Girl

Your Date of Birth

Day

24

Month

3

Year

1980

LET'S GET STARTED

Clear Form



Welcome to TÜİK Çocuk Portal
Önder !



178 cm

As of today, you are 44 years, 1 months, 24 days old.

There are 2.251 people with your name in Ankara province and there are 34.274 in Türkiye.

There are 100 people born on the same date as you in Ankara and there are 1.240 people in Türkiye.

For your age and gender, your height is 4 cm above the median value.

For your age and gender, your weight is 7 kg above the median value.

89 kg



TÜİK Çocuk
World

Create Your Certificate

TÜİK Çocuk
Magazine

MAIN
PAGE



Let's Learn Statistics



Let's Get to Know
TurkStat



Let's Play Games



Children's Rights



Let's Learn
Our Traditional Games



Sustainable
Development Goals



Let's Watch Video

Summary of the Presentation

without Administrative Data



Using Administrative Data

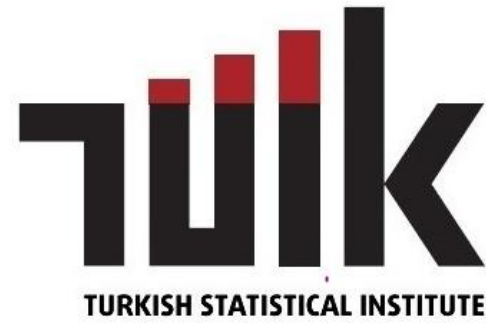


Oh!
NO

www.tuik.gov.tr

TÜRKİYE İSTATİSTİK KURUMU

100



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PORTALS



Geographic
Statistics Portal



Statistics Data
Portal



Population
Statistics Portal



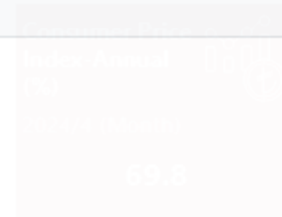
Official Statistics
Portal



SDG Portal



TÜİK Çocuk Portal



INFO REQUEST

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ALO 124



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For questions and more details

please contact us

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GoTürkiye

