# Training Course:
# Demographic Data Analysis for Public Planning

28 December 2025 - 1 January 2026
Istanbul (Turkey)
DoubleTree by Hilton Istanbul Esentepe

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# Demographic Data Analysis for Public Planning

Training Course code: SC235895  From: 28 December 2025 - 1 January 2026  Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 6000  Euro

## Introduction:

Effective public planning requires a deep understanding of demographic trends and population data. The "Demographic Data Analysis for Public Planning" program is designed by Global Horizon Training Center to equip participants with the skills to collect, interpret, and apply demographic data in planning policies and development strategies. Through practical tools and case studies, the course bridges the gap between raw data and real-world application, enabling professionals to make evidence-based decisions that impact communities positively.

## Objectives:

By the end of the training, participants will be able to:

- Understand the fundamentals of demographic data and its sources.

- Analyze population data to identify trends, patterns, and projections.

- Use statistical and geospatial tools to interpret demographic indicators.

- Apply demographic insights to formulate and assess public planning policies.

- Communicate findings and data-driven recommendations to stakeholders effectively.

## Organizational Impact:

Organizations will benefit through:

- Enhanced planning accuracy and policy design based on real demographic insights.

- Improved ability to allocate resources efficiently according to population needs.

- Strengthened decision-making processes through the integration of data analytics.

- Development of internal capacity to forecast demographic shifts and adjust plans accordingly.

- Better communication with stakeholders using clear and visual data representation.

## Target Audience:

This program is ideal for:

- Urban and regional planners

- Government officials and public policy makers

- Data analysts and researchers in public institutions

- Professionals working in ministries of planning, health, education, or housing

- NGOs and international development organizations dealing with population-related programs

- Graduate students and academics interested in population studies and planning

## Outlines:

### Day 1: Introduction to Demographic Data and Its Role in Public Planning

- Understanding demographics: Definitions and importance

- Key demographic indicators: Population size, growth, fertility, mortality, migration

- Sources of demographic data: Census, surveys, administrative records, international databases

- Challenges in demographic data collection and quality assurance

- Case studies on how demographic data influences public planning decisions

### Day 2: Techniques and Tools for Demographic Data Analysis

- Data preparation and cleaning techniques

- Introduction to statistical methods used in demographic analysis

- Descriptive and inferential statistics

- Using Microsoft Excel and SPSS for basic demographic data analysis

- Introduction to demographic software tools e.g., Spectrum, R

### Day 3: Population Projections and Forecasting for Planning

- Techniques for projecting population trends

- Cohort-component method and other forecasting models

- Estimating population needs in sectors like education, housing, and healthcare

- Linking projections to national development plans

- Practical exercise: Building a simple population projection model

## Day 4: Spatial and Geospatial Analysis of Demographic Data

- Introduction to GIS and mapping demographic data

- Spatial distribution of populations and urban-rural dynamics

- Identifying demographic disparities across regions

- Case studies: Using GIS for planning schools, hospitals, and infrastructure

- Practical exercise with QGIS or ArcGIS demo or hands-on

## Day 5: Applying Demographic Data in Public Policy and Planning

- Turning data into insights: Visualization and communication

- Integrating demographic analysis into the planning cycle

- Policy impact assessment using demographic indicators

- Writing effective reports and presenting demographic findings

- Group project: Analyzing a case study and presenting a public planning proposal

## Registration form on the Training Course: Demographic Data Analysis for Public Planning

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): ....................................................................................................................
Position: ........................................................................................................................................................
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### Company Information

Company Name: ............................................................................................................................................
Address: ........................................................................................................................................................
City / Country: ...............................................................................................................................................

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): ....................................................................................................................
Position: ........................................................................................................................................................
Telephone / Mobile: ......................................................................................................................................
Personal E-Mail: ...........................................................................................................................................
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### Payment Method

☐  Please find enclosed a cheque made payable to Global Horizon

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### Easy Ways To Register

| Telephone: +201095004484 to provisionally reserve your place. | Fax your completed registration form to: +20233379764 | E-mail to us : info@gh4t.com or training@gh4t.com | Complete & return the booking form with cheque to:Global Horizon 3 Oudai street, Aldouki, Giza, Giza Governorate, Egypt. |
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