

Turkey IoT (Internet of Things) Market Size, Share, Trends and Forecast by Component, Application, Vertical, and Region, 2026-2034

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Abstracts

The Turkey IoT (Internet of Things) market size reached USD 15.4 Billion in 2025. The market is projected to reach USD 60.7 Billion by 2034, exhibiting a growth rate (CAGR) of 15.94% during 2026-2034. The market is advancing steadily as industries adopt connected devices across manufacturing, smart cities, healthcare, agriculture, and logistics. The integration of artificial intelligence and machine learning within IoT systems is enhancing real-time monitoring, automation, and analytical capabilities. The government's digital transformation initiatives combined with expanding 5G infrastructure and smart urban projects are driving market momentum. Despite concerns over data security and interoperability, innovation continues to flourish. These developments collectively influence the evolving Turkey IoT (Internet of Things) market share.

TURKEY IOT (INTERNET OF THINGS) MARKET TRENDS:

Evolving Connectivity Backbone

Turkey is reinforcing its national communications infrastructure to support the next phase of technological advancement on the Internet of Things landscape. The foundation of this effort is the country's commitment to strengthening independent data transmission capabilities, ensuring uninterrupted services across remote and urban areas alike. A critical milestone in this trajectory occurred in July 2024, with the launch of T?rksat 6A, the nation's first domestically produced communication satellite. The initiative significantly enhances coverage and capacity, enabling broader integration of IoT systems across sectors such as energy, transportation, and environmental monitoring. This advancement also contributes to national data security, reducing

reliance on external technologies and infrastructures. With improved satellite support, IoT devices deployed across Turkey can operate with higher efficiency and lower latency, particularly in previously underserved regions. These infrastructure developments form a crucial component of the expanding Turkey IoT (Internet of Things) market growth, as dependable connectivity becomes central to achieving scale. The emphasis on nationally developed systems reflects a strategic priority to ensure technological self-reliance while accelerating digital transformation across industries.

Integration of AI and Edge Intelligence

Turkey is embracing the integration of artificial intelligence within its IoT environment, particularly in domains such as smart infrastructure and industrial automation. This evolution is driven by public initiatives in major urban centers, where AI-powered IoT applications are being employed for real-time functions including traffic control, waste monitoring, and security operations. A noteworthy milestone was recorded in January 2025, when multiple PlanS IoT Connecta satellites were launched to enable enhanced connectivity and edge-level data processing for IoT devices. This event underscores how satellite-enabled infrastructure is extending operational capability to remote sensors and edge nodes, reducing latency and reinforcing system resilience. As Turkey continues to embed AI into IoT networks, devices are becoming increasingly capable of local decision-making and predictive actions. This alignment of intelligence and connectivity is driving a shift toward more autonomous, proactive IoT ecosystems. Notably, the growing emphasis on intelligent edge solutions reflects a core dimension of Turkey IoT (Internet of Things) market trends, enabling smarter services across diverse sectors.

Acceleration of Automotive IoT Applications

The automotive sector in Turkey is increasingly adopting Internet of Things solutions, enabling connected vehicle services that improve efficiency, monitoring, and user experience across the transport ecosystem. This shift reflects a move toward greater digital integration, with telematics, remote diagnostics, and vehicle-to-infrastructure communication gaining traction. A significant milestone occurred in March 2025, when industry reports confirmed the integration of IoT-based predictive maintenance systems into a notable share of commercial vehicle fleets operating in urban environments. This innovation allows fleets to anticipate maintenance needs based on real-time operational data, reducing downtime and improving operational readiness. Such technologies are being deployed with growing assurance, and they signal a broader embrace of connectivity within Turkey's transport infrastructure. As smart vehicle systems become

more embedded across supply chains and logistics networks, they reinforce the momentum seen in connected ecosystems. This development underscores a pivotal driver of Turkey IoT (Internet of Things) market, as the automotive domain becomes both a key adopter and contributor to broader IoT deployment patterns in the country.

TURKEY IOT (INTERNET OF THINGS) MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has categorized the market based on component, application and vertical.

Component Insights:

Hardware

Software

Services

Connectivity

The report has provided a detailed breakup and analysis of the market based on the component. This includes hardware, software, services, and connectivity.

Application Insights:

Smart Home

Smart Wearables

Smart Cities

Smart Grid

IoT Industrial Internet

IoT Connected Cars

IoT Connected Healthcare

Others

A detailed breakup and analysis of the market based on the application have also been provided in the report. This includes smart home, smart wearables, smart cities, smart grid, IoT industrial internet, IoT connected cars, IoT connected healthcare, and others.

Vertical Insights:

Healthcare

Energy

Public and Services

Transportation

Retail

Individuals

Others

The report has provided a detailed breakup and analysis of the market based on the vertical. This includes healthcare, energy, public and services, transportation, retail, individuals, and others.

Regional Insights:

Marmara

Central Anatolia

Mediterranean

Aegean

Southeastern Anatolia

Black Sea

Eastern Anatolia

The report has also provided a comprehensive analysis of all the major regional markets, which include Marmara, Central Anatolia, Mediterranean, Aegean, Southeastern Anatolia, Black Sea, and Eastern Anatolia.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Turkey IoT (Internet of Things) market performed so far and how will it perform in the coming years?

What is the breakup of the Turkey IoT (Internet of Things) market on the basis of component?

What is the breakup of the Turkey IoT (Internet of Things) market on the basis of application?

What is the breakup of the Turkey IoT (Internet of Things) market on the basis of vertical?

What is the breakup of the Turkey IoT (Internet of Things) market on the basis of region?

What are the various stages in the value chain of the Turkey IoT (Internet of Things) market?

What are the key driving factors and challenges in the Turkey IoT (Internet of Things) market?

What is the structure of the Turkey IoT (Internet of Things) market and who are the key players?

What is the degree of competition in the Turkey IoT (Internet of Things) market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 TURKEY IOT (INTERNET OF THINGS) MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 TURKEY IOT (INTERNET OF THINGS) MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 TURKEY IOT (INTERNET OF THINGS) MARKET - BREAKUP BY COMPONENT

- 6.1 Hardware
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Software
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

6.3 Service

6.3.1 Overview

6.3.2 Historical and Current Market Trends (2020-2025)

6.3.3 Market Forecast (2026-2034)

6.4 Connectivity

6.4.1 Overview

6.4.2 Historical and Current Market Trends (2020-2025)

6.4.3 Market Forecast (2026-2034)

7 TURKEY IOT (INTERNET OF THINGS) MARKET - BREAKUP BY APPLICATION

7.1 Smart Home

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Smart Wearables

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Smart Cities

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

7.4 Smart Grid

7.4.1 Overview

7.4.2 Historical and Current Market Trends (2020-2025)

7.4.3 Market Forecast (2026-2034)

7.5 IoT Industrial Internet

7.5.1 Overview

7.5.2 Historical and Current Market Trends (2020-2025)

7.5.3 Market Forecast (2026-2034)

7.6 IoT Connected Cars

7.6.1 Overview

7.6.2 Historical and Current Market Trends (2020-2025)

7.6.3 Market Forecast (2026-2034)

7.7 IoT Connected Healthcare

7.7.1 Overview

7.7.2 Historical and Current Market Trends (2020-2025)

7.7.3 Market Forecast (2026-2034)

7.8 Others

7.8.1 Historical and Current Market Trends (2020-2025)

7.8.2 Market Forecast (2026-2034)

8 TURKEY IOT (INTERNET OF THINGS) MARKET - BREAKUP BY VERTICAL

8.1 Healthcare

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Forecast (2026-2034)

8.2 Energy

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Forecast (2026-2034)

8.3 Public and Services

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Forecast (2026-2034)

8.4 Transportation

8.4.1 Overview

8.4.2 Historical and Current Market Trends (2020-2025)

8.4.3 Market Forecast (2026-2034)

8.5 Retail

8.5.1 Overview

8.5.2 Historical and Current Market Trends (2020-2025)

8.5.3 Market Forecast (2026-2034)

8.6 Individuals

8.6.1 Overview

8.6.2 Historical and Current Market Trends (2020-2025)

8.6.3 Market Forecast (2026-2034)

8.7 Others

8.7.1 Historical and Current Market Trends (2020-2025)

8.7.2 Market Forecast (2026-2034)

9 TURKEY IOT (INTERNET OF THINGS) MARKET – BREAKUP BY REGION

9.1 Marmara

9.1.1 Overview

- 9.1.2 Historical and Current Market Trends (2020-2025)
- 9.1.3 Market Breakup by Component
- 9.1.4 Market Breakup by Application
- 9.1.5 Market Breakup by Vertical
- 9.1.6 Key Players
- 9.1.7 Market Forecast (2026-2034)
- 9.2 Central Anatolia
 - 9.2.1 Overview
 - 9.2.2 Historical and Current Market Trends (2020-2025)
 - 9.2.3 Market Breakup by Component
 - 9.2.4 Market Breakup by Application
 - 9.2.5 Market Breakup by Vertical
 - 9.2.6 Key Players
 - 9.2.7 Market Forecast (2026-2034)
- 9.3 Mediterranean
 - 9.3.1 Overview
 - 9.3.2 Historical and Current Market Trends (2020-2025)
 - 9.3.3 Market Breakup by Component
 - 9.3.4 Market Breakup by Application
 - 9.3.5 Market Breakup by Vertical
 - 9.3.6 Key Players
 - 9.3.7 Market Forecast (2026-2034)
- 9.4 Aegean
 - 9.4.1 Overview
 - 9.4.2 Historical and Current Market Trends (2020-2025)
 - 9.4.3 Market Breakup by Component
 - 9.4.4 Market Breakup by Application
 - 9.4.5 Market Breakup by Vertical
 - 9.4.6 Key Players
 - 9.4.7 Market Forecast (2026-2034)
- 9.5 Southeastern Anatolia
 - 9.5.1 Overview
 - 9.5.2 Historical and Current Market Trends (2020-2025)
 - 9.5.3 Market Breakup by Component
 - 9.5.4 Market Breakup by Application
 - 9.5.5 Market Breakup by Vertical
 - 9.5.6 Key Players
 - 9.5.7 Market Forecast (2026-2034)
- 9.6 Black Sea

- 9.6.1 Overview
- 9.6.2 Historical and Current Market Trends (2020-2025)
- 9.6.3 Market Breakup by Component
- 9.6.4 Market Breakup by Application
- 9.6.5 Market Breakup by Vertical
- 9.6.6 Key Players
- 9.6.7 Market Forecast (2026-2034)
- 9.7 Eastern Anatolia
 - 9.7.1 Overview
 - 9.7.2 Historical and Current Market Trends (2020-2025)
 - 9.7.3 Market Breakup by Component
 - 9.7.4 Market Breakup by Application
 - 9.7.5 Market Breakup by Vertical
 - 9.7.6 Key Players
 - 9.7.7 Market Forecast (2026-2034)

10 TURKEY IOT (INTERNET OF THINGS) MARKET – COMPETITIVE LANDSCAPE

- 10.1 Overview
- 10.2 Market Structure
- 10.3 Market Player Positioning
- 10.4 Top Winning Strategies
- 10.5 Competitive Dashboard
- 10.6 Company Evaluation Quadrant

11 PROFILES OF KEY PLAYERS

- 11.1 Company A
 - 11.1.1 Business Overview
 - 11.1.2 Services Offered
 - 11.1.3 Business Strategies
 - 11.1.4 SWOT Analysis
 - 11.1.5 Major News and Events
- 11.2 Company B
 - 11.2.1 Business Overview
 - 11.2.2 Services Offered
 - 11.2.3 Business Strategies
 - 11.2.4 SWOT Analysis
 - 11.2.5 Major News and Events

11.3 Company C

11.3.1 Business Overview

11.3.2 Services Offered

11.3.3 Business Strategies

11.3.4 SWOT Analysis

11.3.5 Major News and Events

11.4 Company D

11.4.1 Business Overview

11.4.2 Services Offered

11.4.3 Business Strategies

11.4.4 SWOT Analysis

11.4.5 Major News and Events

11.5 Company E

11.5.1 Business Overview

11.5.2 Services Offered

11.5.3 Business Strategies

11.5.4 SWOT Analysis

11.5.5 Major News and Events

12 TURKEY IOT (INTERNET OF THINGS) MARKET - INDUSTRY ANALYSIS

12.1 Drivers, Restraints, and Opportunities

12.1.1 Overview

12.1.2 Drivers

12.1.3 Restraints

12.1.4 Opportunities

12.2 Porters Five Forces Analysis

12.2.1 Overview

12.2.2 Bargaining Power of Buyers

12.2.3 Bargaining Power of Suppliers

12.2.4 Degree of Competition

12.2.5 Threat of New Entrants

12.2.6 Threat of Substitutes

12.3 Value Chain Analysis

13 APPENDIX

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