

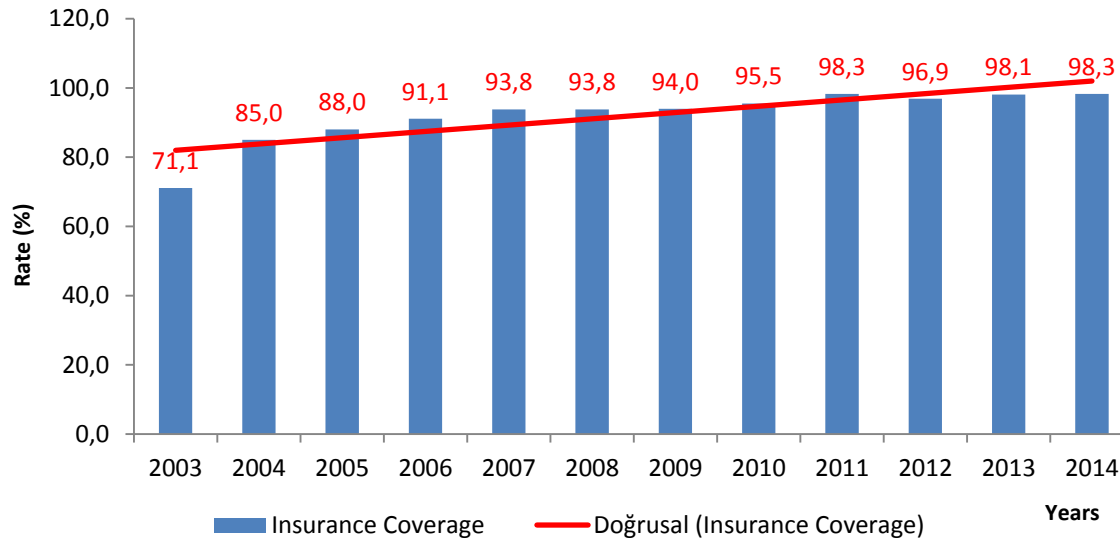
Turkish Healthcare System and Post-2003 Developments

Mehmet ATASEVER

March 16, 2016

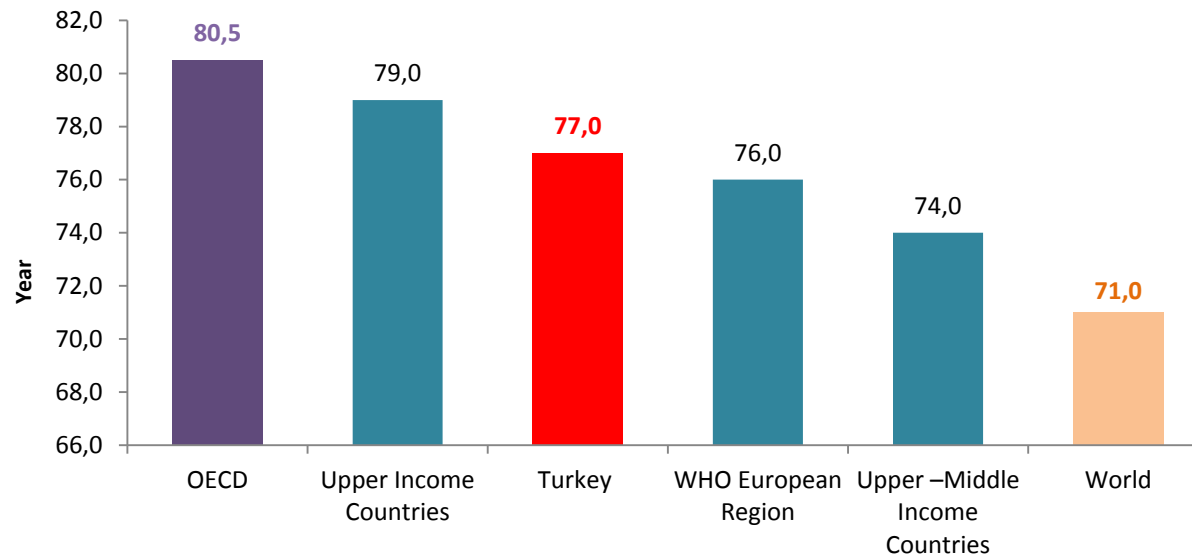
London

Changes in Turkish Health Insurance Coverage by Years, 2003-2014



The share of households impoverished by health care expenditure in Turkey, which was **0,43%** in 2002, declined to **0,12%** in 2014.

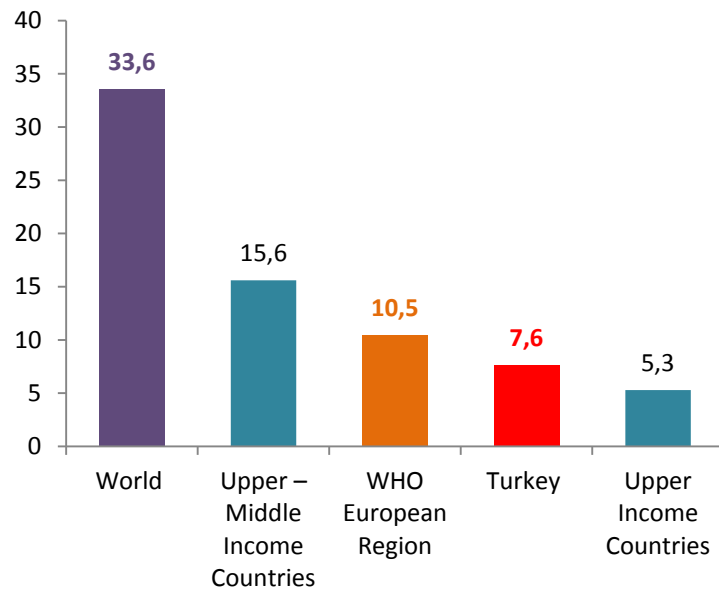
International Comparison of Life Expectancy at Birth (2013 or the most recent year available)



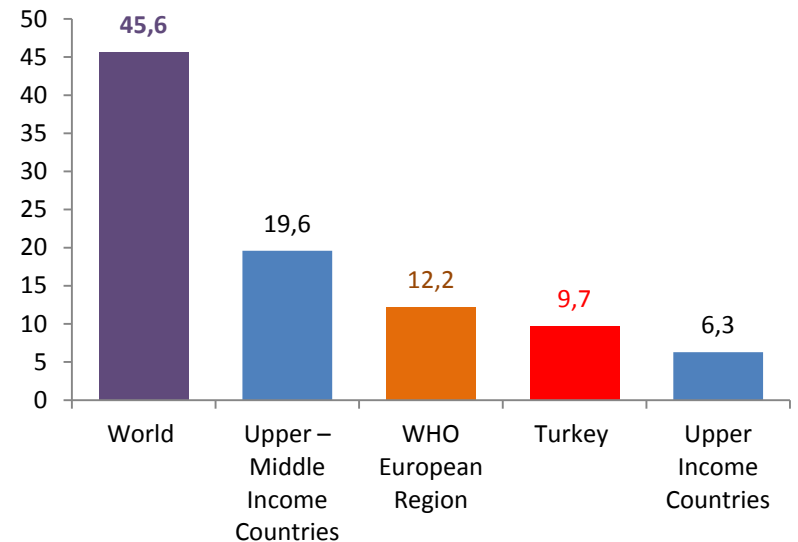
Life expectancy at birth , which was **72,5** years in 2002, increased to **77** in 2014 in Turkey.

Source: OECD Health Data 2015, TurkStat
* Data for Turkey refer to the year 2014.

International Comparison of Infant Mortality Rate (2013 or the most recent year)

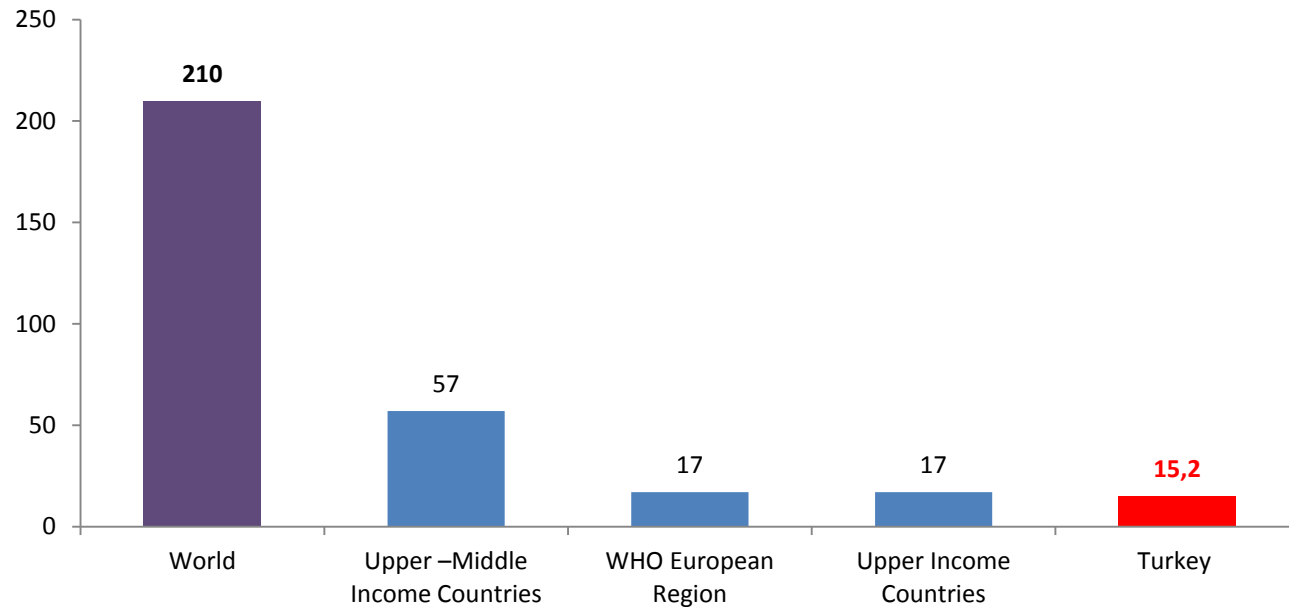


International Comparison of Under 5 Mortality Rate (2013 or the most recent year)



Source: OECD Health Data 2015, Turkish Ministry of Health Data for Turkey refer to the year 2014

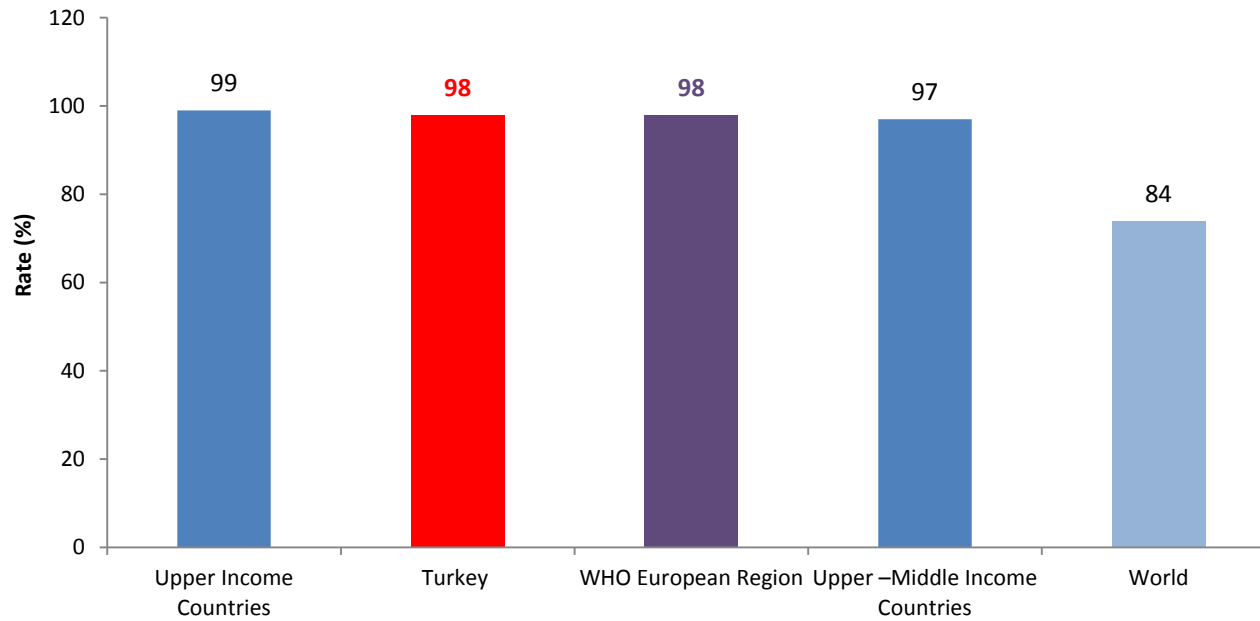
International Comparison of Maternal Mortality Ratio (2013 or the most recent year available)



Source: OECD Health Data 2015, Turkish Ministry of Health

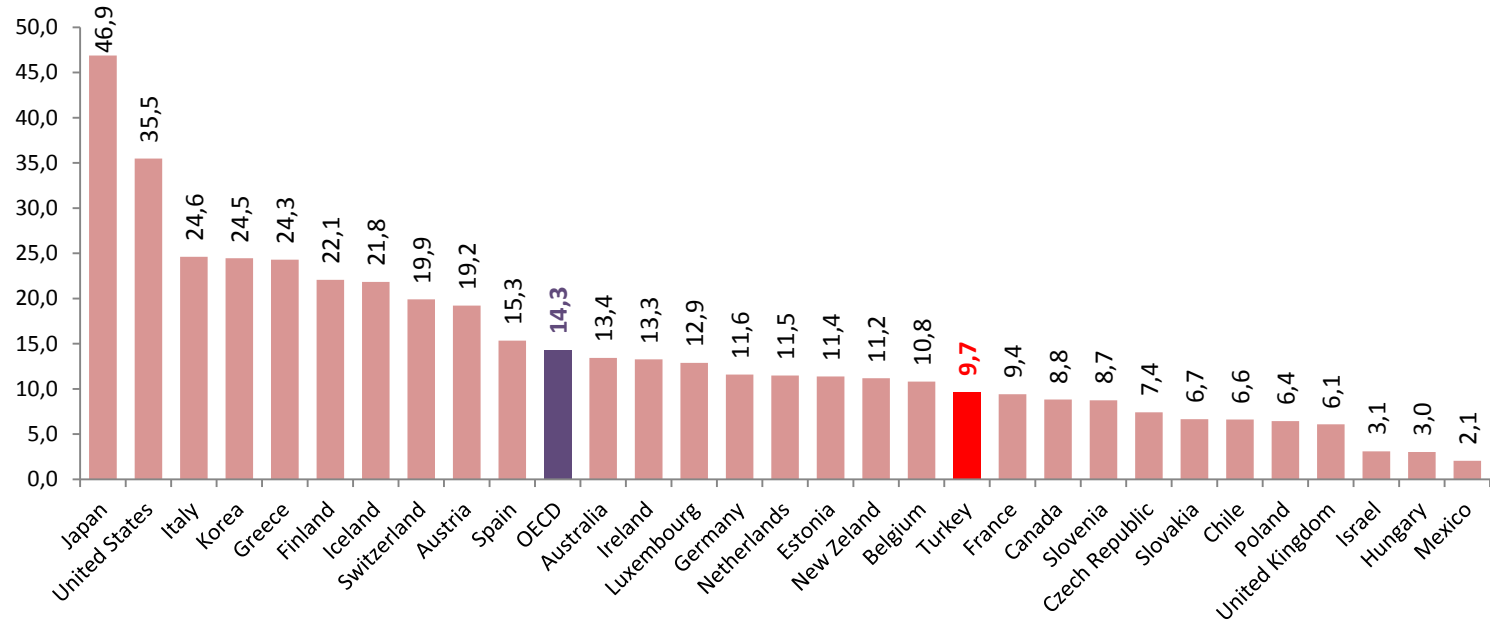
* Data for Turkey refer to the year 2014.

International Comparison of Vaccination Rate, (%), (2013 or the most recent year)



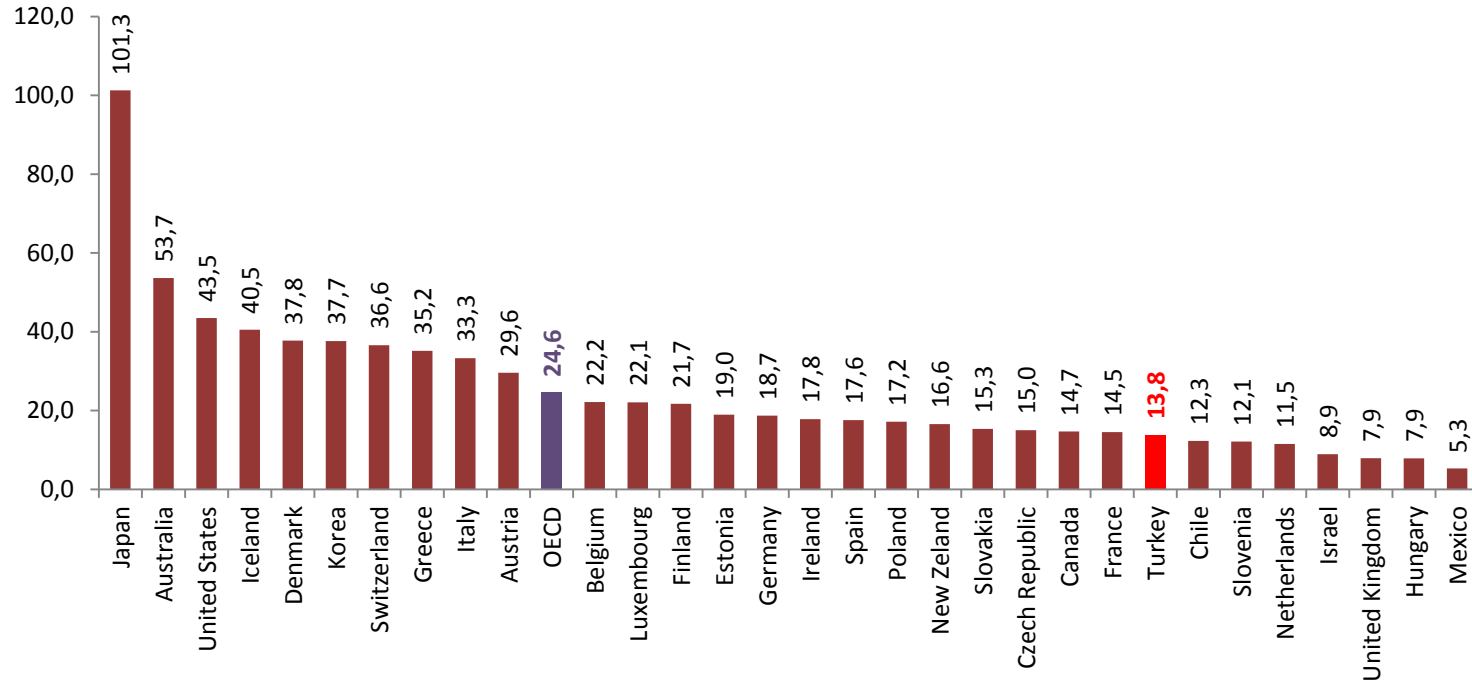
Source: OECD Health Data 2015, Turkish Ministry of Health Data for Turkey

International Comparison of MR Device per 100.000 population



Source: OECD Health Data 2015, Turkish Ministry of Health Data for Turkey refer to the year 2014

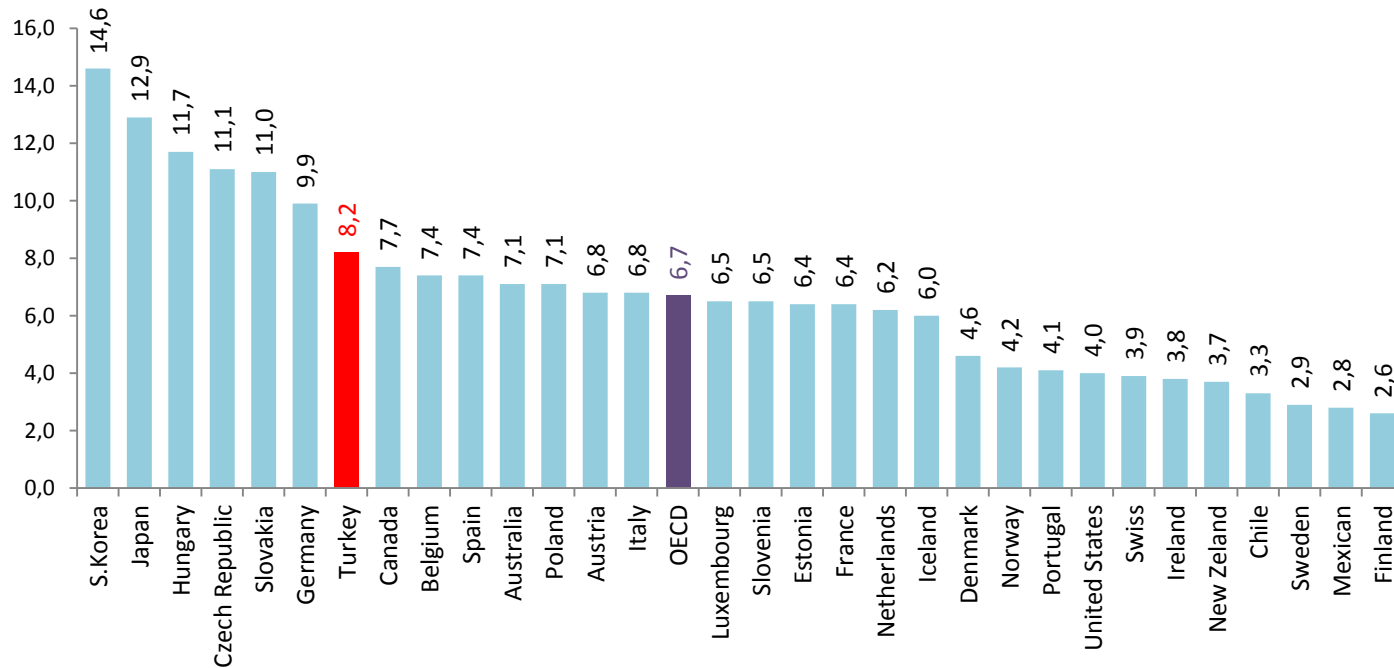
International Comparison of Number of CT Devices (per 100.000 population,2013)



Source: OECD Health Data 2015, Turkish Ministry of Health

* Data for Turkey refer to the year 2014.

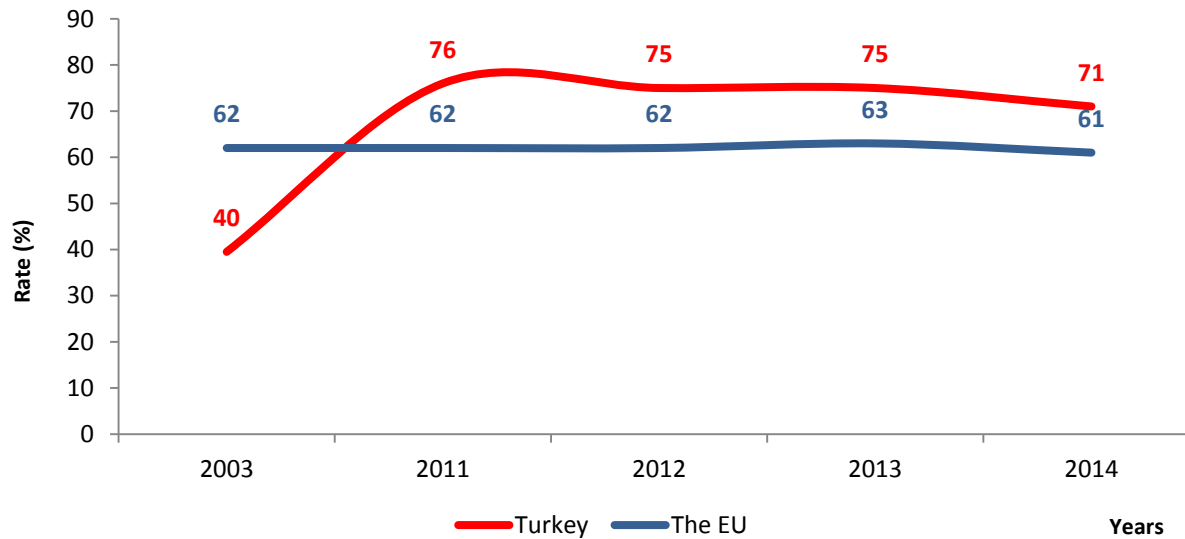
International Comparison of the Number of Physician Visits per capita, 2013



The number of physician visits per capita mounted from **3,1** in 2002 to **8,3** in 2013.

Source: OECD Health Data 2015, Turkish Ministry of Health
 * Data for Turkey refer to the year 2014.

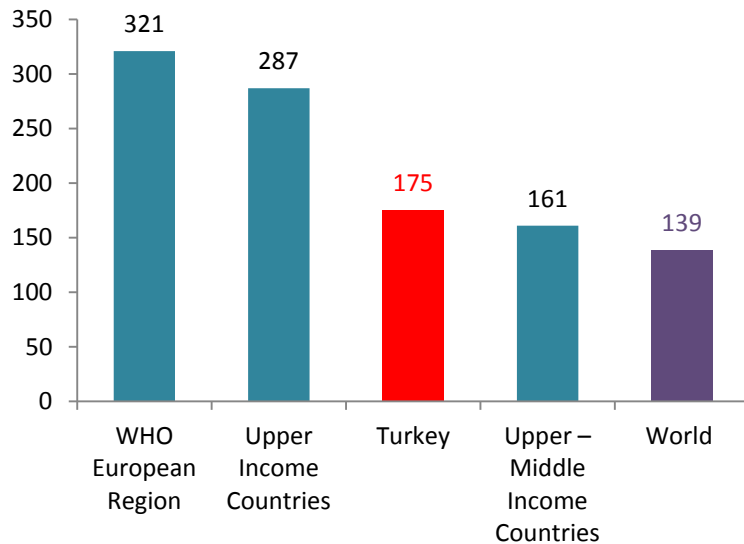
International Comparison of Patient Satisfaction with Health Care Services, 2003-2014



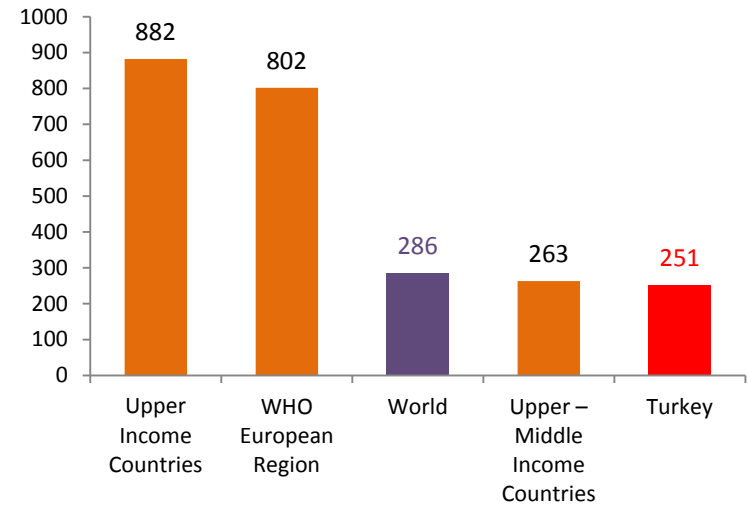
Health spending per capita in Turkey was **1028 USD**, the EU average was **2.867 USD** in 2014.

Source : TurkStat, European Commission Social Climate Report, 2011 - 2014, WHO World Health Statistics 2015, OECD Health Data 2015

International Comparison of Physicians per 100.000 population (2013 or the most recent year)



International Comparison of the Number of the Midwives and Nurses per 100.000 Population,(2013 or the most recent year)



The number of physicians per 100.000 population mounted from **138** in 2002 to **175** in 2014

Source: OECD Health Data 2015, Turkish Ministry of Health Data for Turkey refer to the year 2014.

Health Expenditures as a Share of GDP, 2002-2014

Year	Health Expenditures, million TRY	GDP, million TRY	Health Expenditures as a Share of GDP (%)	Health Expenditures as a Share of GDP in the OECD Countries (%)
2002	18.774	350.476	5,4	8,3
2003	24.279	454.781	5,3	8,5
2004	30.021	559.033	5,4	8,6
2005	35.359	648.932	5,4	8,7
2006	44.069	758.391	5,8	8,6
2007	50.904	843.178	6,0	8,6
2008	57.740	950.534	6,1	8,9
2009	57.911	952.559	6,1	9,6
2010	61.678	1.098.799	5,6	9,4
2011	68.607	1.297.713	5,3	9,3
2012	74.189	1.416.798	5,2	9,2
2013	84.390	1.567.289	5,4	8,9
2014	94.750	1.747.362	5,4	-

Source: OECD Health Data 2015, Turkstat

Major management practices launched by MoH via Health Transformation Program in Turkey- **1**

- Launching the Uniform Accounting System:
- Implementation of Performance-Based Supplementary Payment System
- Expanding the Authority of the Institution Managers
- Dissemination of the Health Information System in All Institutions
- More Attention to Quality and Productivity in Hospitals
- Ensuring Budgetary Discipline in the Revolving Fund Institutions

Major management practices launched by MoH via Health Transformation Program in Turkey- 2

- Implementation of the Global Budget
- Performance Practices for Managers
- Determining the Number of Personnel to Be Assigned for Personnel-Based Service Procurements by Dynamic and Realistic Criteria,
- Limitation for the Profit Ratio to be allocated to Contractors for Personnel-Based Service Procurements
- Standardization of Wages for Employees Hired in the Scope of Service Procurement
- Implementations of Management System for Resources of Supply (MSRS)

Major management practices launched by MoH via Health Transformation Program in Turkey - 3

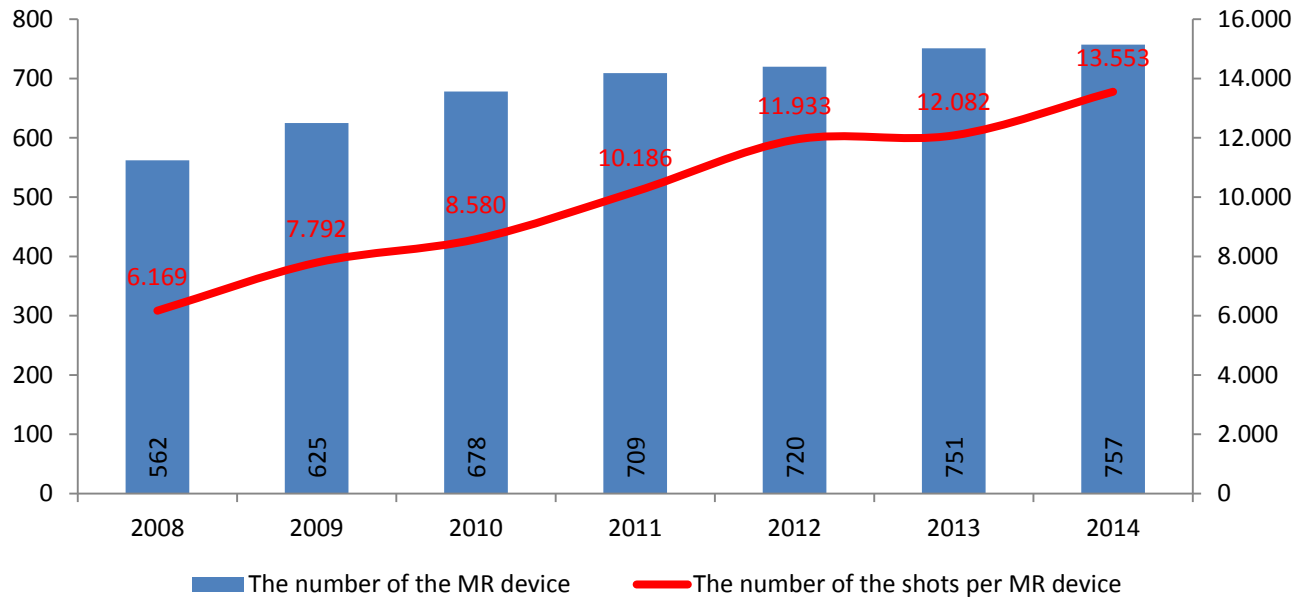
- Maximum Stock Amount (MSA) Implementation
- Overstock and Surplus Processes
- Building Provincial Stock Coordination Teams and Creating Provincial Stock Pools
- Purchasing Operations Management
- Managing Institutions by Financial Risk Management Principles
- Establishment of an Internal Control System
- Field Coordination System and Enforcing Monitoring and Evaluation Effectively:
- **Extending Service Procurement Processes**

Procurement of Medical Devices

In Turkey, medical services such as laboratory and imaging services such as MR, CT, USG have been provided through service procurement method (outsourcing) since 2003.

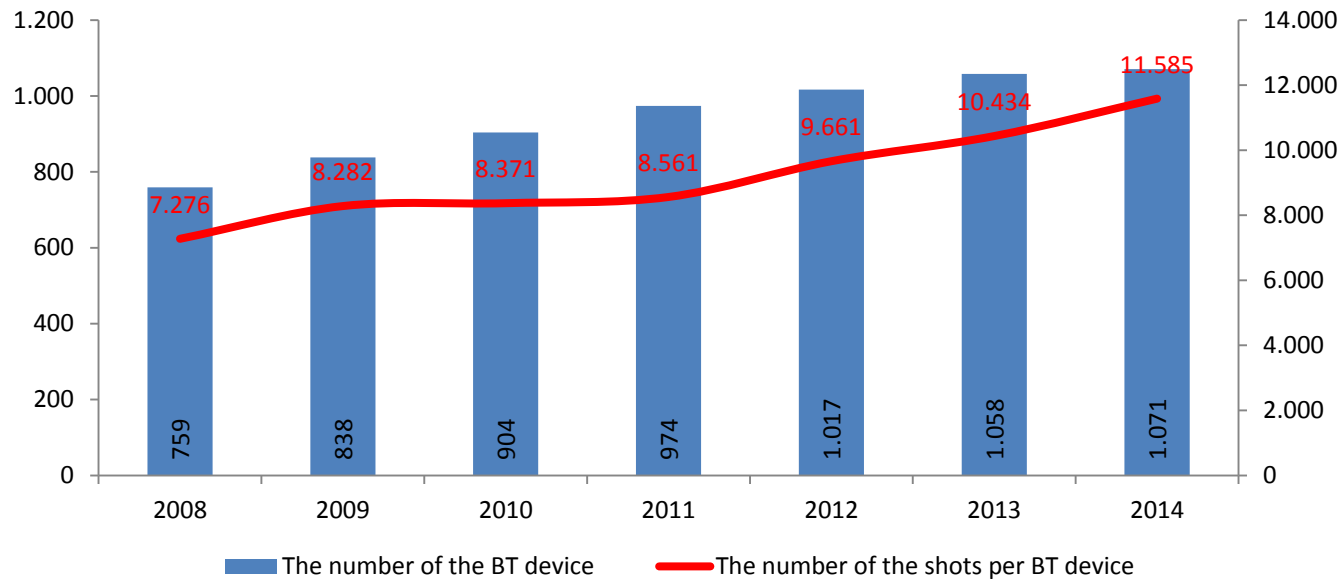
For example, 75% of the MR devices used by the MOH facilities are provided through service procurement method.

The number of the shots per MR device, 2008-2014, Turkey



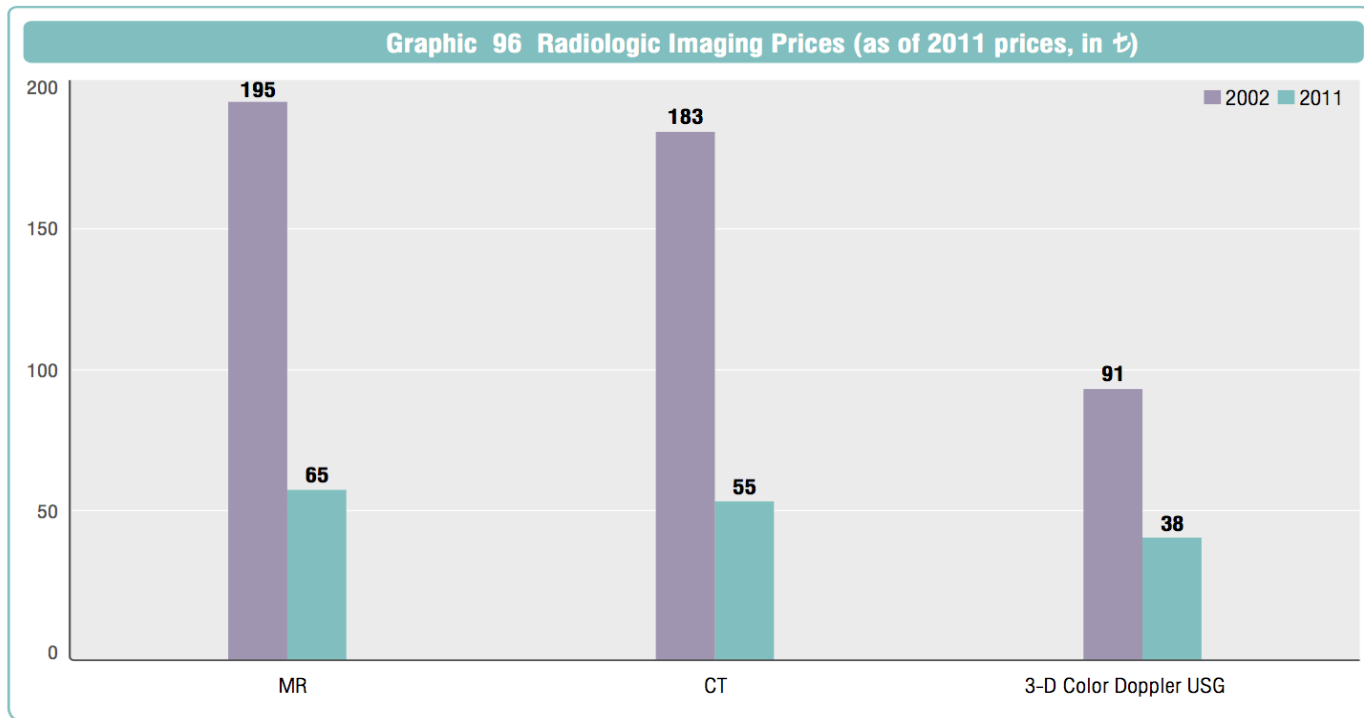
Source: Turkish Ministry of Health

The number of the shots per CT device, 2008-2014, Turkey



Source: Turkish Ministry of Health

Radiologic Imaging Prices, Turkey



Graphic 96

Source: General Directorate of Health Services

MR ve CT Imaging Prices

MR ; 43,3 TRY = 15 Euro

CT ; 29,1 TRY = 10 Euro

Dopler USG ; 10,5 TRY = 3 Euro

Source : Turkish Ministry of Health