

Health Transformation Programme Turkey

Infrastructure Development for Financial Management of Healthcare Services

Medical Devices and Drugs Database

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Deputy General Director



Agenda

- Some Figures About Turkey
- Health Transformation Programme, National Health Insurance Fund
- Infrastructure Development for Financial Management of Healthcare Services
 - Medical Devices and Drug Database



Some Figures about Türkiye...

Population: 71,9 M

Area: 780,580 sq km

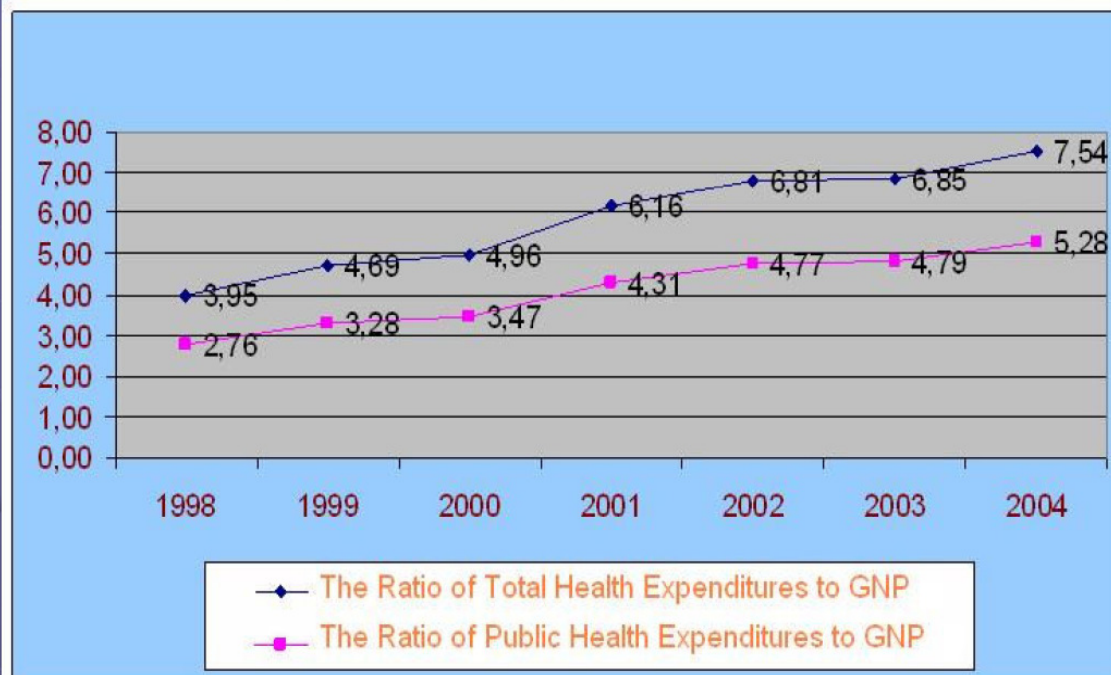
GDP: 608 B USD

GDP Per Capita: ~8.456 USD



Total Health Expenditures

THE RATIO OF TOTAL AND PUBLIC HEALTH EXPENDITURES TO GNP



2009

GDP ~ 608 Billion

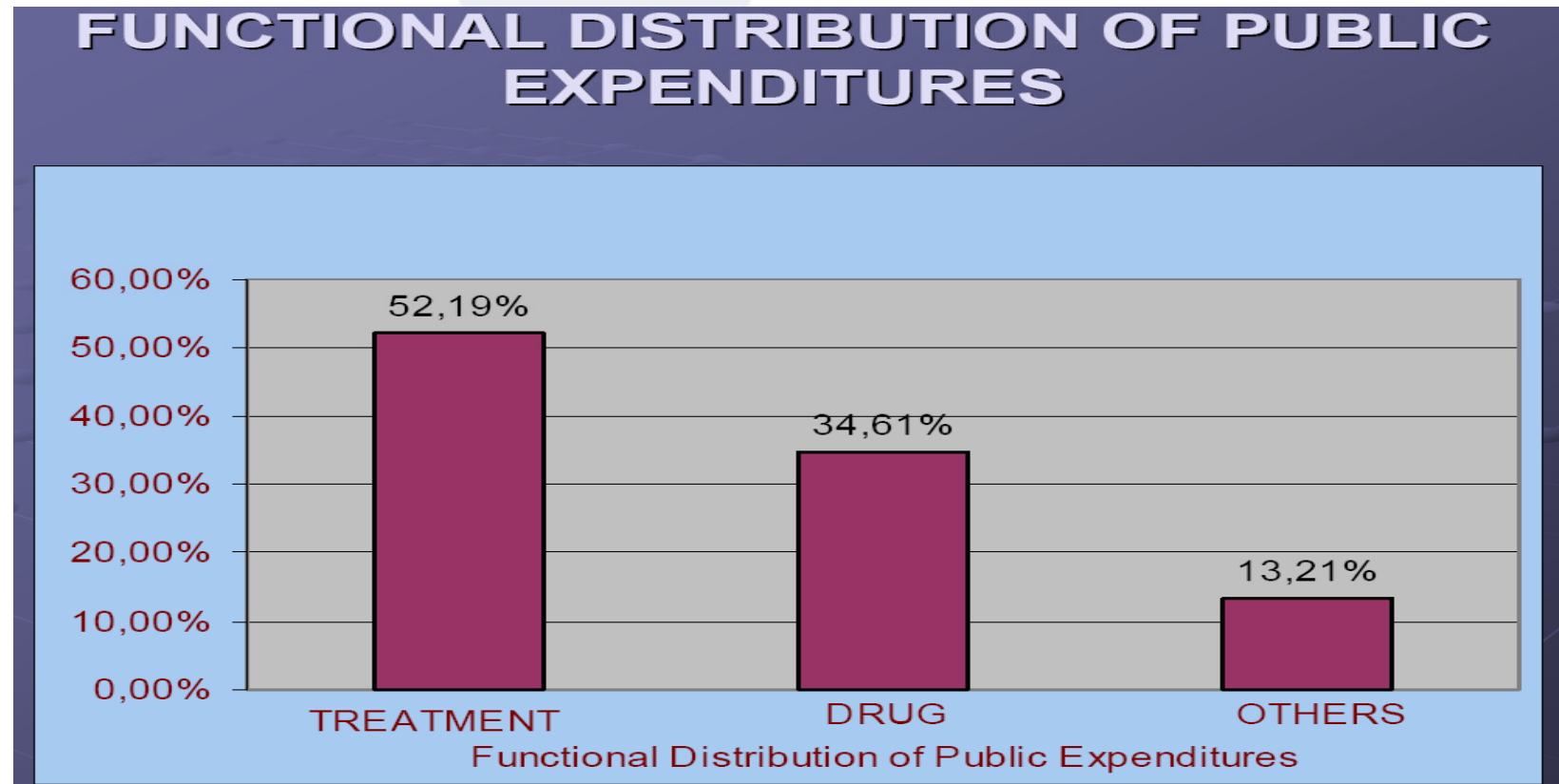
Total H.E. ~ 45 Billion

Total H.E./GDP ~ 7,4%

Per capita ~ 625 US\$



Distribution of Health Expenditures

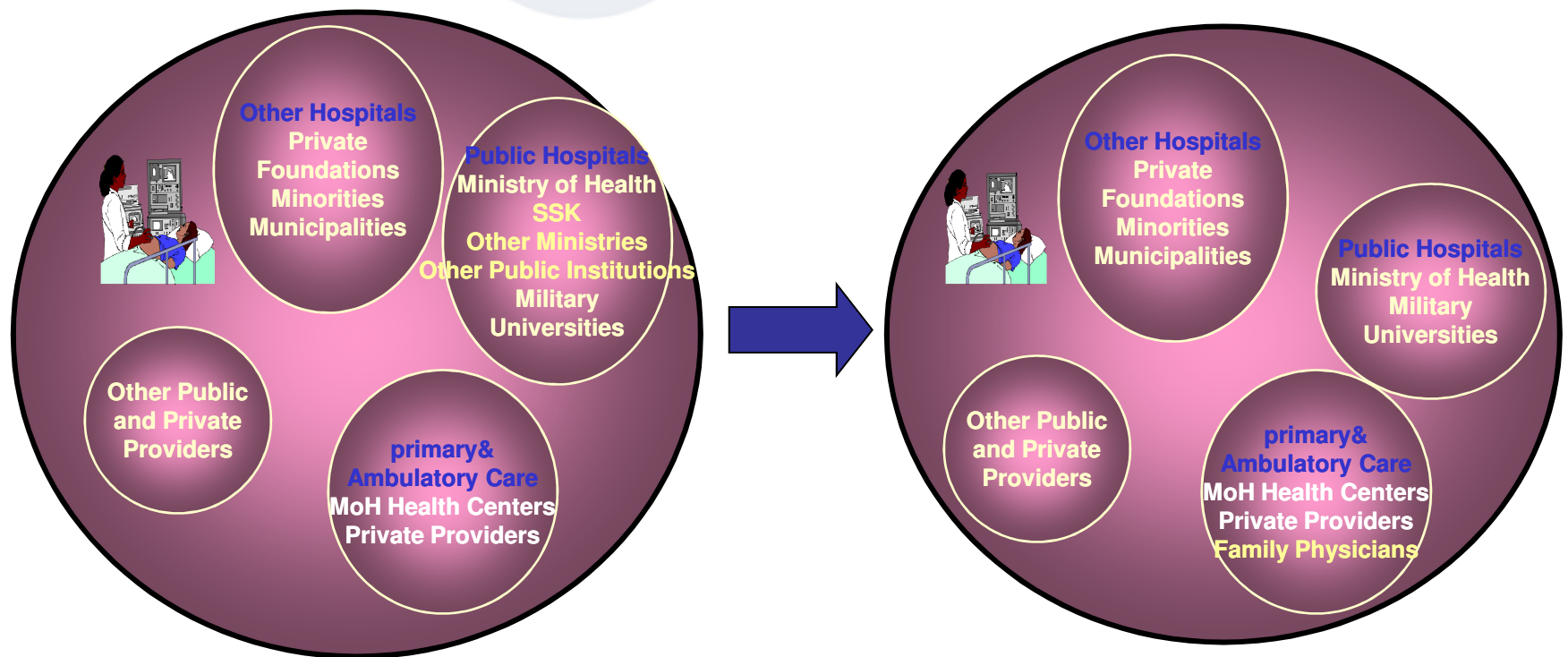


The Health Transformation Programme, NHIF

- is the national strategy for health reform.
- The reforms envisage:
 - Streamlining the **health financing** system;
 - Increasing managerial **autonomy** of public-sector providers;
 - Integrating primary care through systematized **family medicine**
 - Eliminating **fragmentation** of policy responsibilities



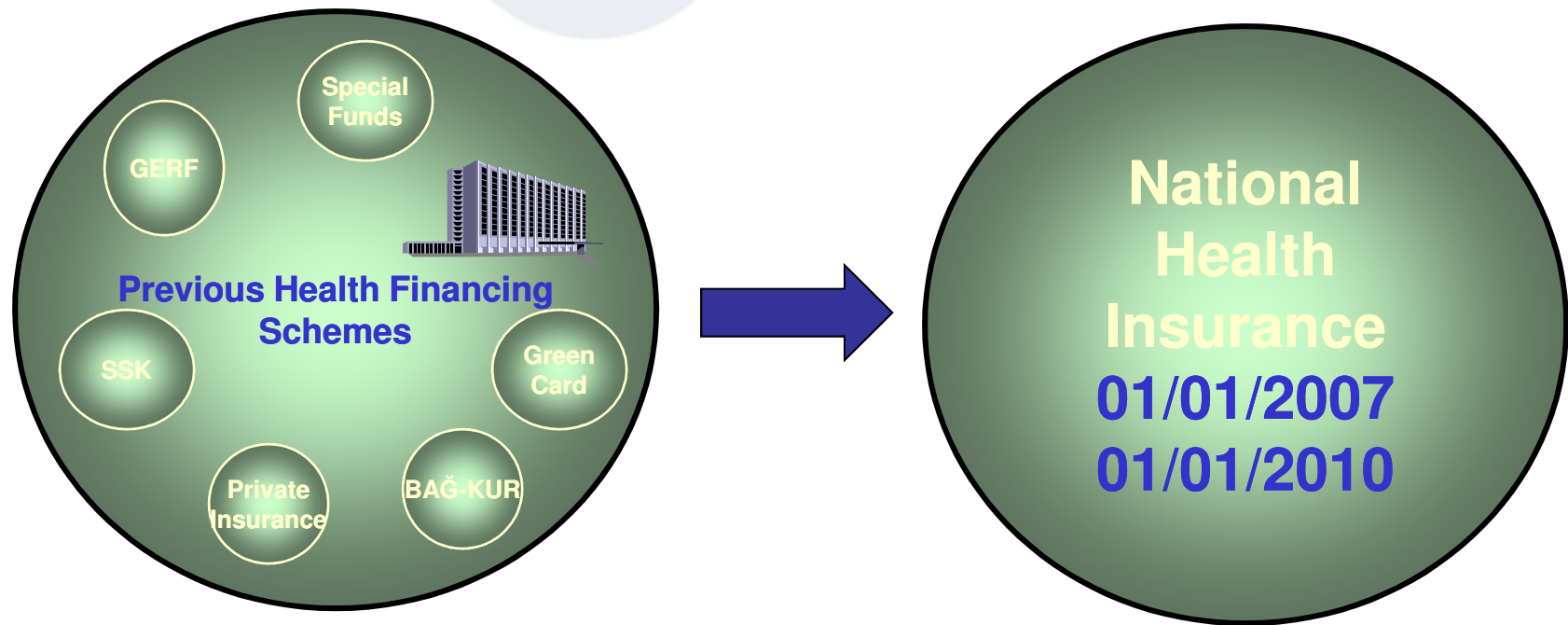
The Health Transformation Programme



Services Side



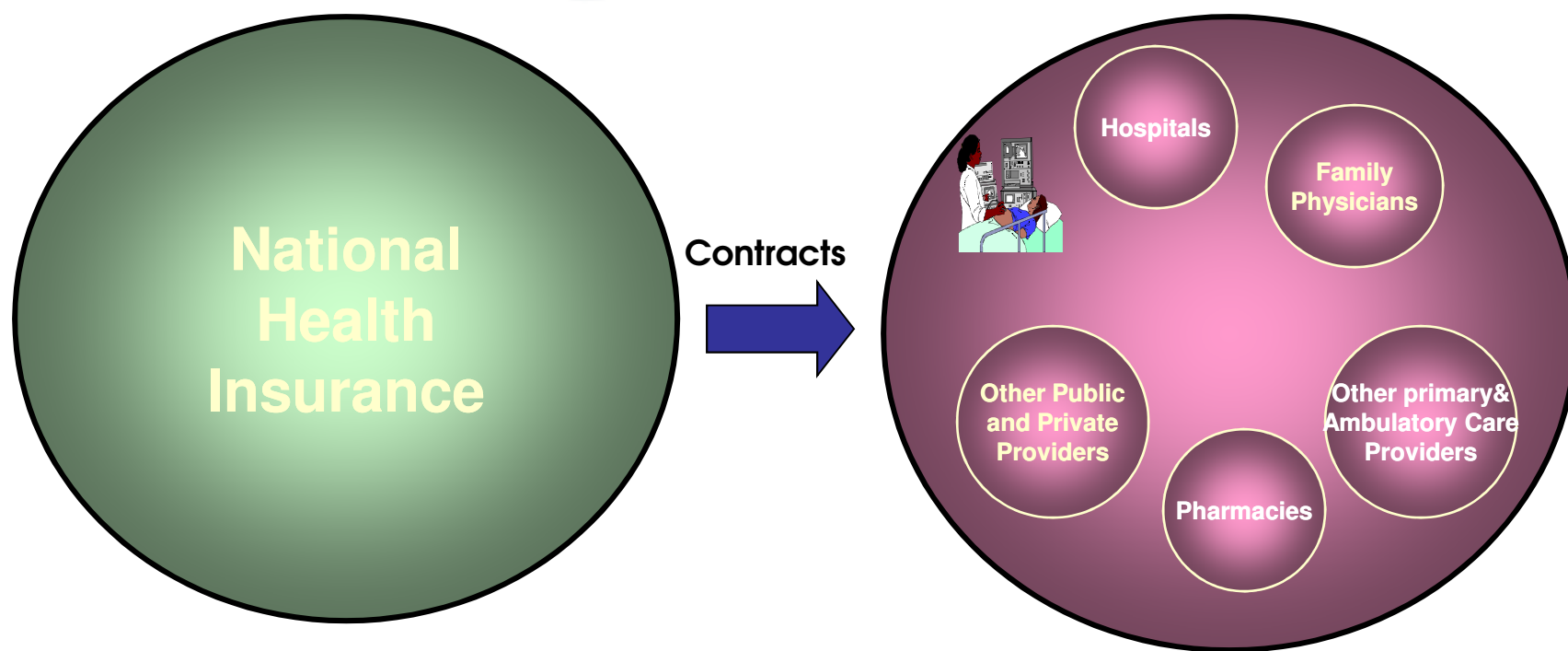
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Financing Side



The Health Transformation Programme



New System as of Jan, 2009



Main Stakeholders

Financer of the Project

- Ministry of Finance/ National Health Insurance Fund

Owners of the Project

- Ministry of Finance
- Ministry of Health
- Ministry of Labor and Social Security
- National Health Insurance Fund

Manager of the Project

- Hacettepe University

**Infrastructure Development for
Financial Management of Healthcare Services**



Components of the Project (Phase I)

- A. *Restructuring of the Fee-For-Service Payment System (BUT): 15 months***
- B. *Development of a Pilot Prospective Payment and Budgeting System Based on Diagnosis Related Groups (DRGs): 19 months***
- C. *Development of Infrastructure for Drugs and Medical Material Management: 18 months***

Initiated in May 2005...

Completed on 31 December 2006



Components of the Project (Phase II)

- D. Development of necessary policies and instruments for healthcare services payments: 12 Months***
- E. Analysis of cost differences in inpatient healthcare services by hospital types and regions based on DRGs: 36 Months***
- F. Building of a National Healthcare Providers and Physicians Database: 18 Months***

Initiated in October 2006...

Completed in September 2009



Components of the Project (Phase III)

- I. Integration of MoH , NHIF and the National Data Bank for drug reimbursement functions, positive lists, etc. : 12 Months***
- J. Integration of State Procurement Agency and hospitals to the National Data Bank for procurement and reimbursement functions (+e-tender): 12 Months***

Initiated in November 2007...

Completed in November 2008



Infrastructure Development for Financial Management of Healthcare Services *Medical Devices an Drugs Database*

WHY?:

- Mainly based on fee-for-service system
- Beside all healthcare services, all drugs and medical devices must be itemized on the bill!
- Different naming of medical devices created serious reimbursement problems.
 - *Ex: biliary stent, metallic biliary stent, wallstent, expandable biliary stent.... etc!!!!*
- Same device sold in different tenders for very different prices
- Procurements and claims of public healthcare providers could not be monitorized
- So we needed a unique identifier for each medical device!



Infrastructure Development for Financial Management of Healthcare Services *Medical Devices an Drugs Database*

HOW WE DID IT!

- No payback if not registered and approved!
- No procurement if not registered and approved!



National Registries...

- **Health Services Providers Registry**
(~1500 Hospitals, 4500 Clinics Total 23.000 Service Provides)
- **Physican Registry**
(78.553 Physican)
- **Medical Devices and Consumables Registry**
(3977 Firms, 1.473.617 Devices)
- **Drug DataBase**
(237 Drug company, 6849 Drugs)



Standards Being Used

- **DIAGNOSIS AND PROCEDURES**

- ICD-10
- ICD-10-AM
- ACHI
- ICHI

- **DRUG MANAGEMENT**

- EAN/UCC
- ATC (Anatomical, Therapeutic, Chemical)
- NFC (New Form Code)
- INN (International Nonproprietary Names)
- CAS (Chemical Abstract Registry Services)
- UoM (Unit of Measurement)

- **MEDICAL MATERIAL MANAGEMENT**

- EAN/UCC
- HIBCC (Health Industry Business Communications Council)
- UNSPSC (United Nations Standard Products and Services Code)
- GMDN (Global Medical Device Nomenclature)
- UMDNS (Universal Medical Device Nomenclature System)



MEDULA

- MEDULA is a nation-wide integrated system between National Health Insurance (NHIF) and health care providers for
 - for collecting e-invoice
 - and for re-imbursements of servicesvia online and/or web services without intervening internal business processes of providers.



MEDULA

- Turkish National Health Insurance Fund MEDULA system
 - Web User Interface Online
17800 Pharmacies, 5600 GP, 4500 Med. Centres
 - Web Services Online
1200 Public Hospitals, 338 Private Hospitals
- An e-invoicing legislation has been passed by Parliament so no paper will be needed in 2009

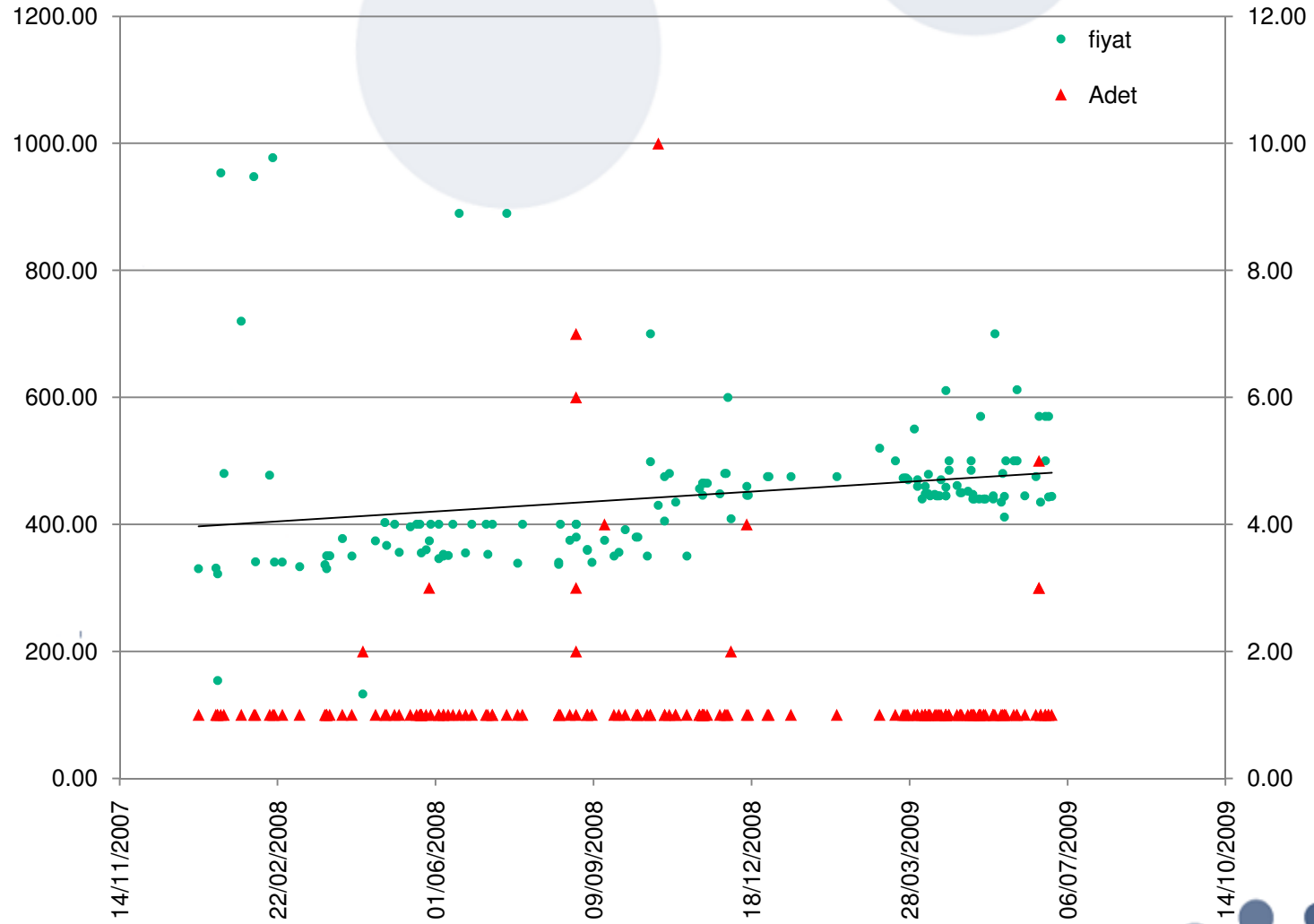




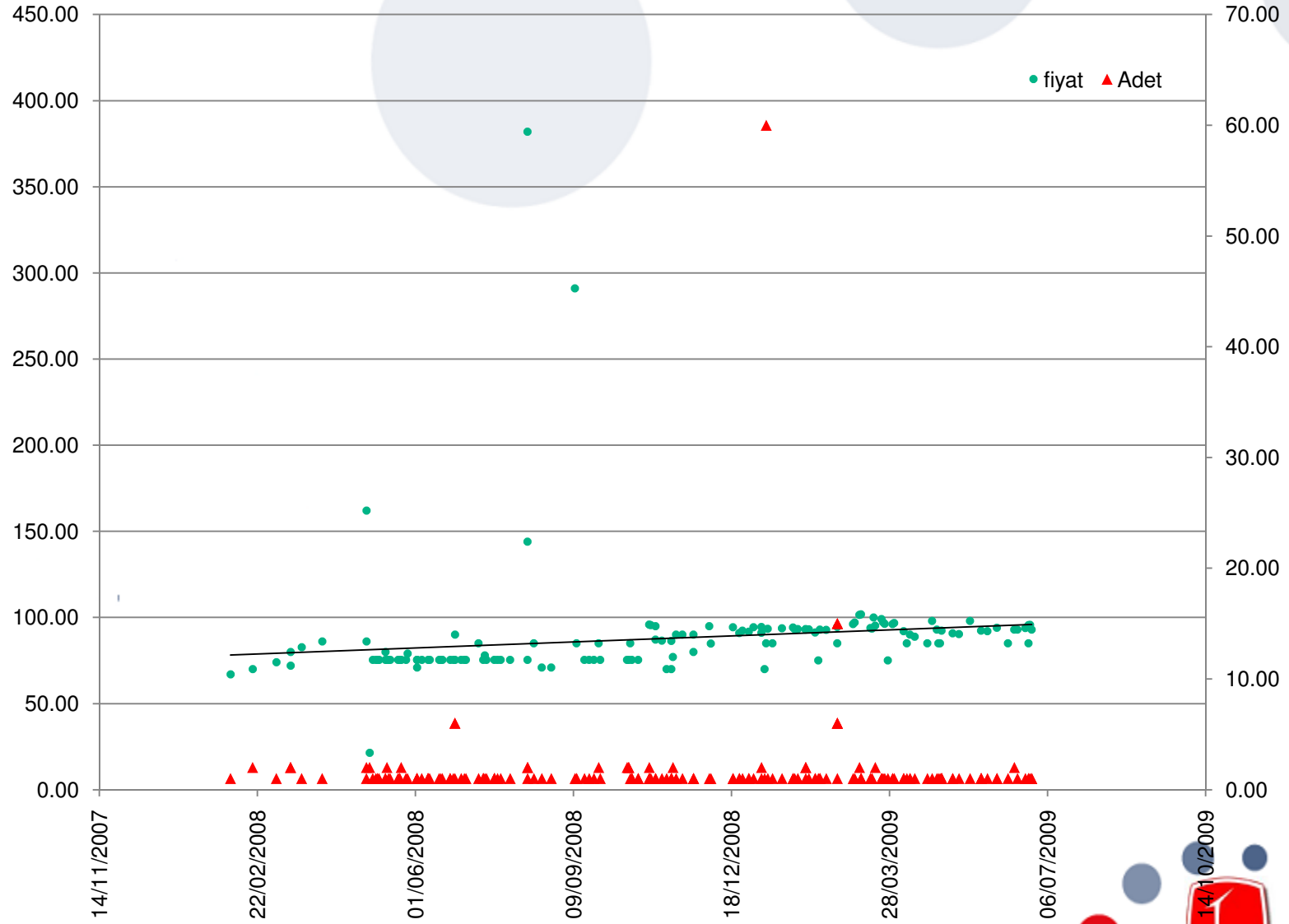
PUBLIC PROCUREMENT AUTHORITY



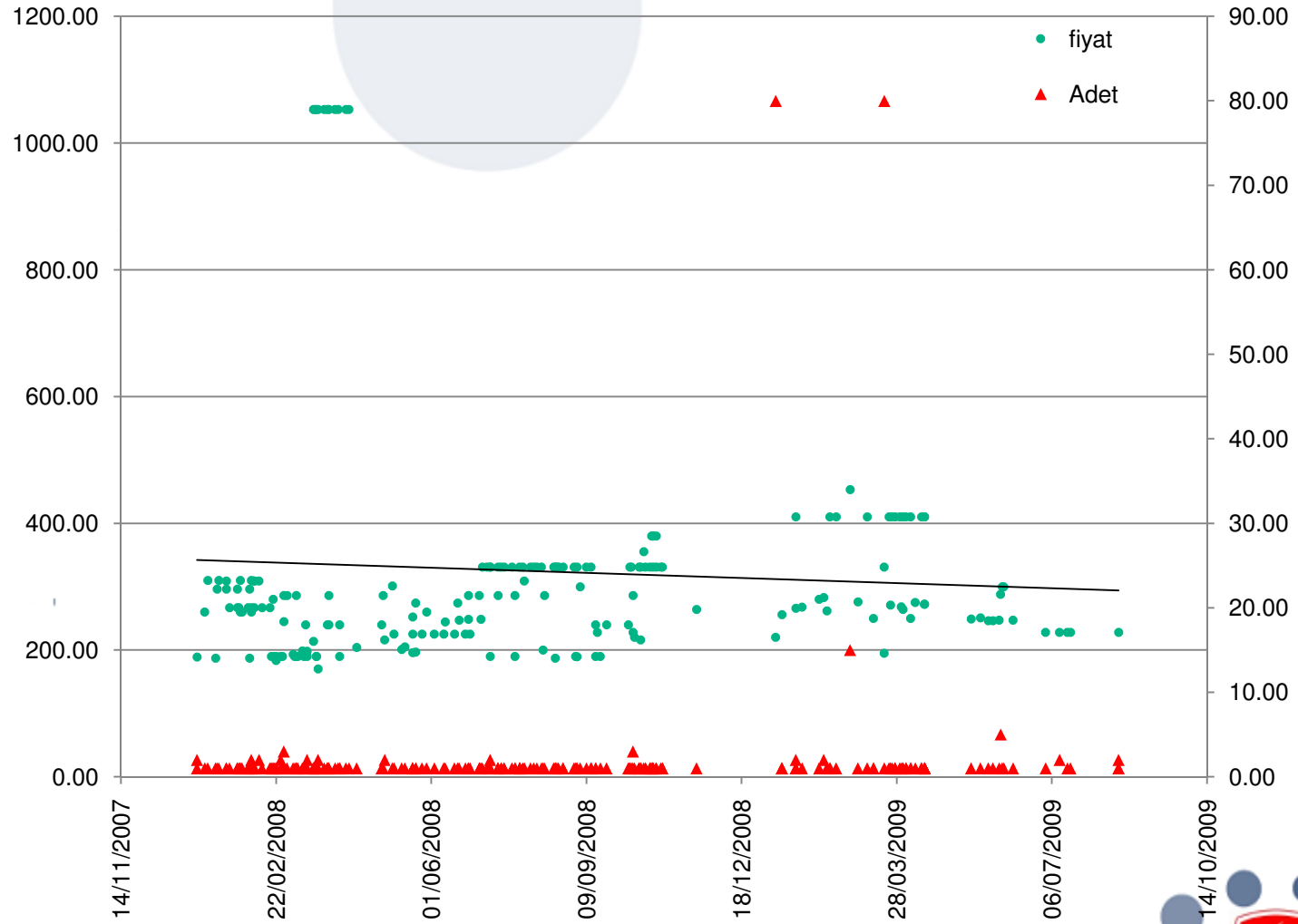
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- **MINISTRY OF HEALTH**
 - **Drug and Medical Devices General Directorate**
 - Evaluation and Monitarization of Medical Devices Department

