

## News, current issues

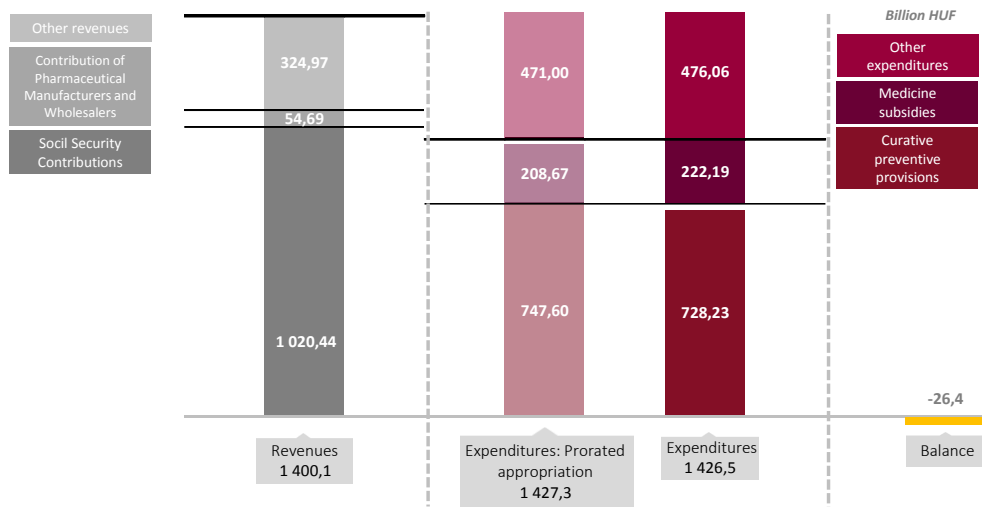
**News** Hungarian society takes medications instead of go to therapies >>

**News** Hungarian healthcare finally crosses digital divide >>

**News** Commitment of the drug authority about the differences of the cancer medications >>

## Macro approach to financing healthcare and medicinal products

### Balance of the Health Insurance Fund, August 2017



## Decision-making index, August 2017

3,21

33/215 Legislation  
2/215 Activity of Parliament  
27/215 NIHFM decisions

Methodology

Product offering

## Macroeconomic report

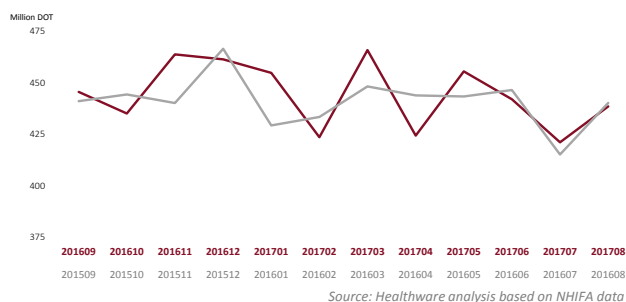
In our quarterly compiled macroeconomic report with our guide to the evolution of the main macroeconomic indicators, the absolute performance and the relative performance compared to the whole economy of the health care in the given period are the focus.

In addition to the domestic situation the description of the similar indicators in neighbouring countries also plays a role, which helps to place the situation of the domestic health care at regional level.

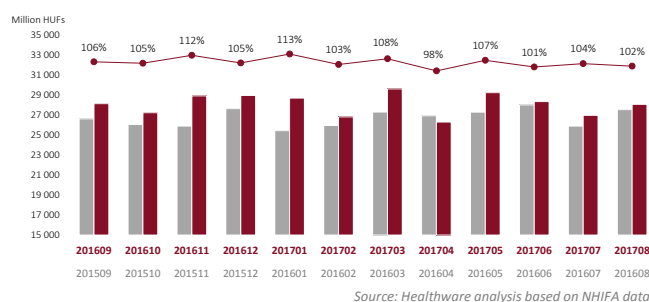
More about the service: [link](#)

## Dynamics of the sales/circulation of prescription-only-medicine

### Pharmacy DOT turnover



### Pharmacy reimbursement turnover



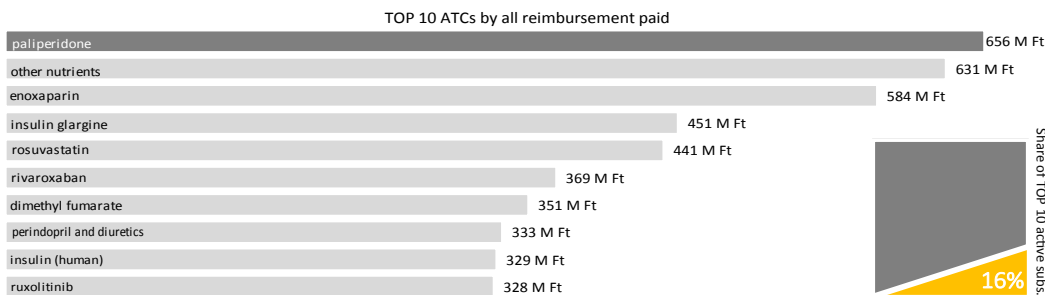
## Changes to subsidized medicinal product categories, August 2017



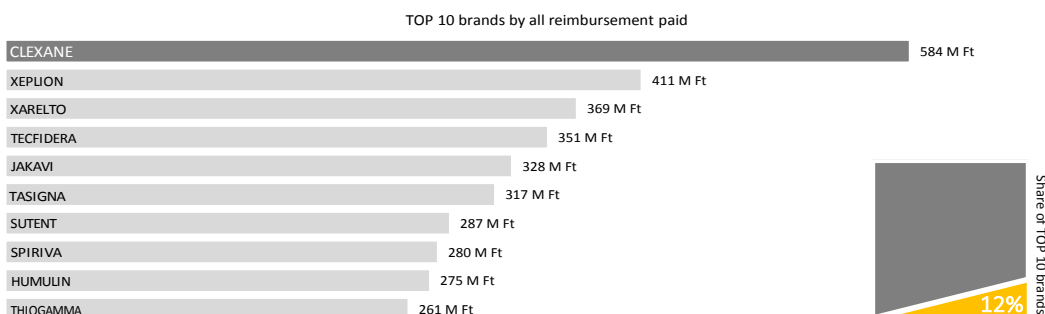
*Source: Healthware analysis based on NHIFA data*

## Market data

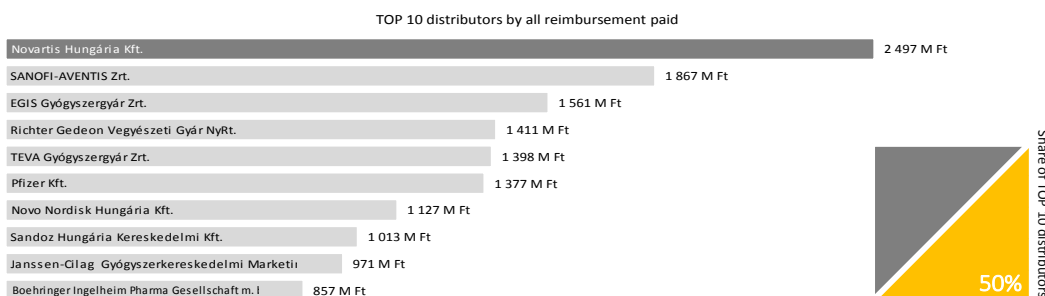
### Toplists of reimbursement and number of patients, August 2017



Source: Pharmacy turnover data, Healthware analysis

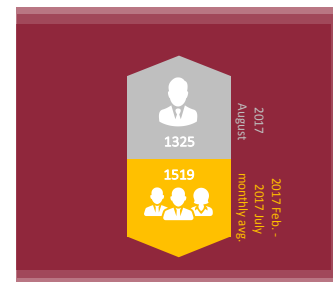


Source: Pharmacy turnover data, Healthware analysis



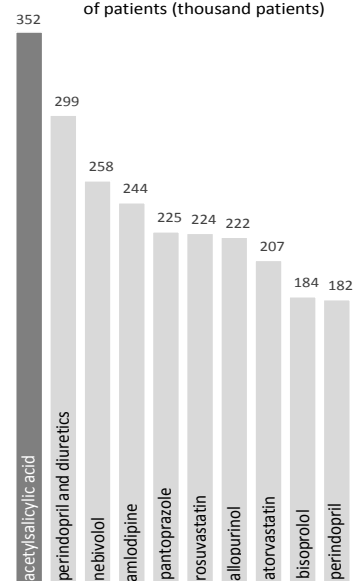
Source: Pharmacy turnover data, Healthware analysis

### Average number of medical sales reps



Source: NHIFA data, Healthware analysis

### TOP 10 active substances by number of patients (thousand patients)

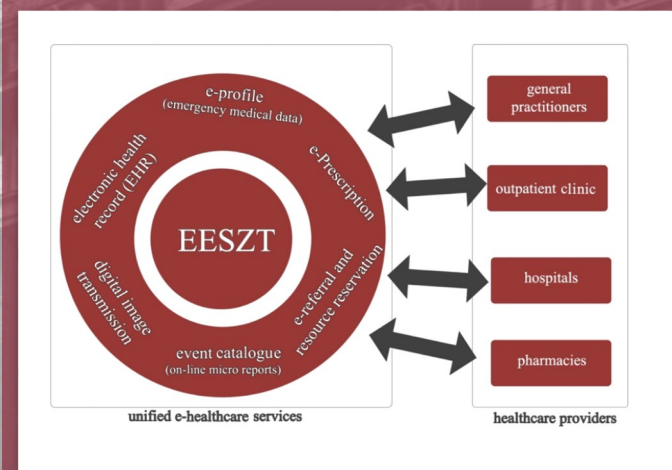


Source: Pharmacy turnover data, Healthware analysis

## The present and the future of EESZT – Case study

The introduction of the Electronic Health Cooperation Service Space (EESZT) was completed on the 1st of November after a successful pilot period<sup>1</sup>: from this time reporting-obligated public funded healthcare providers and pharmacies have to join the system. From the following case study you can read about the currently available data of the Space, possibilities and development plans in the future.

EESZT is a cloud technology using unified communication space in order to connect different healthcare providers and to treat patients' data uniformly. Data will be available from the period after the 1st of November and from the pilot period but until 2019, the medical data of the previous 5 years become digitalised as well<sup>2</sup>. Some of them are already displayed as data, for instance, the e-prescription, e-referral and patient data. For the smooth introduction of the system other data are available only in non-searchable pdf format. The ultimate goal is to be all data structured and searchable, which will be important regarding the further support of patient care and the possible research opportunities in the far future.



<sup>1</sup><http://hivlevel.egov.hu/2017/10/06/hiba-olok-sajlot-le-az-e-eszszegugyrendszere-probaidoszaki/>

The EESZT is a comprehensive IT system which was created considering international experiences. During the planning the creators paid attention to ensure the possibility of continuous expansion and development. The Space will be able to ensure the cooperation of the IT systems of the Hungarian healthcare network more efficiently than ever before and even cooperation with international solutions can become possible.

The system meets the requirements of mHealth too, the surfaces are available with mobile application as well but there will be further developments in this area, the mobile and telemedicine interface development already starts this year. The Space will be able to support the expansion of professional services in all areas: the existing solutions can be made more efficient and the entry threshold for new ones will be lower. According to the plans, various medical data and physiological parameters measured and monitored by the patients' smart devices and applications will be able to be transmitted directly and if the general practitioner or therapist consider them useful and relevant, they can be recorded in the database. These can be not only raw data but also tendency analysis and index numbers calculated for given period from the patients values.

Although the research connected mass queries are currently unavailable, the indispensable depersonalization system, which is necessary to the queries, was already built in during the development. This will allow, among other things, to store and use the patients' medical and conditional data for statistic and analytic purposes, in a personally unidentifiable way, beyond the period of the data management. It is important to note, that although the legal background has not been created yet, but the researches will be enabled only after professional and ethical authorisation and patients will also be able to control their data for analysis and research purposes in their digital self-determination settings<sup>3</sup>.

There will be more, more accurate and more up-to-date data than ever before, moreover, unlike the previous practice, they will be stored centrally, that offers multiple opportunities for researches. Perhaps one of the most important one is that the correlation between the different diseases can be analysed more efficiently than currently. In the far future various factors, which lead to the evolution of the disease or influence the efficiency of the treatment, are going to be examinable. These can be used during the exploration of patient pathway, the analysis of the success of different medical technologies or during the determination of factors, which influence the risk of particular events. We can also get a better picture of the patients' therapy switching patterns and the domestic medication practice.

To sum up, thanks to the EESZT, all stakeholders in the healthcare system are getting closer to each other, the availability and uniform treatment of the required data and documents become ensured, which can open up new perspectives in the future in the analyses too. The regulation of this field and the elaboration of the details has not been made yet, and it is questionable how this will be possible, but we trust that the Space will not only increase efficiency during day-to-day operations, but leaving space to the research potential in the integrated information set, it will also be able to support the medium and long-term health policy, funding and management goals.

<sup>2</sup><http://www.oon.hu/dok/1245-pcbs>

<sup>3</sup>[http://www.jisz.hu/UserFiles/Kovacs\\_arnold\\_egesseguppi\\_adatharok\\_20160423\\_v1.pdf](http://www.jisz.hu/UserFiles/Kovacs_arnold_egesseguppi_adatharok_20160423_v1.pdf)