Hungary

Health Expenditure and Finance Data presented in OECD Health Data 2013 are based on:

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<th>Joint OECD-Eurostat-WHO SHA collection</th>
<th>SHA-consistent national health accounts</th>
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SHA Implementation Weblink
www.oecd.org/document/48/0,2340,en_2649_33929_33884336_1_1_1_1_1,00.html.

Main Data Sources (preliminary estimates -2012):
HF.1.1. Central and Local Government
Changes of actual costs calculated according to price indexes for year 2012; changes of remuneration according to data collection of National Institute for Quality- and Organizational Development in Healthcare and Medicines (GYEMSZI) "Wage and Workforce Statistics in Health" - final data for Quarter 1-3, estimation for Quarter 4.

HF.1.2. Social Security Fund (OEP)
Preliminary data

HF.2. Private sector
Estimation based on preliminary consumption data reported for preliminary GDP data. Pharmaceutical spending of Corporations (HF.2.5) based on preliminary data of the OEP on "payment of medicament producers and distributors", for year 2012.

Main Data Sources (most recent full year):
Public expenditure:
- Annual budget reports from the Hungarian State Treasury
- National Health Insurance Fund Administration
- Ministry of National Economy
- Ministry of National Resources
- National Institute for Quality and Organizational Development in Healthcare and Medicines

Private expenditure:
- Hungarian Financial Supervisory Authority (Voluntary health funds)
- Hungarian Central Statistical Office: National Accounts department (households), Social services statistical department (social statistic, non-profit institutions), Life standard and human resource department (households)
- National Institute of Occupational health
- Annual budget reports from the Hungarian State Treasury.

Notes on Data Comparability:
Departures from OECD/SHA Boundary and Classifications
On the whole, concepts, definitions and classifications are compatible with SHA.
Differences in boundary from SHA:
- NHA includes services provided abroad and financed by the compulsory health insurance (HIFA); but excludes services provided abroad and financed by private insurance (travel insurance).
- No data available for Ministry of Health, Other Ministries and State/provincial government.
- No data available for private social insurance.
- Day cases of long-term care: category not applicable.
- Until 2010 no data available for Prescribed medicines, Over-the-counter medicines, Other medical non-durables, Glasses and other vision products, Orthopedic appliances and other prosthetics, Hearing aids, Medico-technical devices, including wheelchairs, All other miscellaneous medical durables.
- No data available for providers of health administration and health insurance (other social insurance).
- For Health-related expenditures, no data available for Food, hygiene and drinking water control, Environmental health, All other services classified under HC.R.6 and Administration and provision of health related cash-benefits.
- No data available for Memorandum Items.
- No data available for a detailed breakdown of nursing and residential care facilities.
- No data available for Private households as providers of home care.
- No data available for financing sources provided by General government units, Private sector and Rest of the world.
- No data available for wages and salaries, social benefits and self-employment income.
- Services and providers financed by Voluntary health funds were classified into HC and HP categories.
- Services and providers financed by Non-profit institutions were classified into HC and HP categories. Data stems from the budget reports.
- Estimation of occupational health services: number of occupational health personnel multiplied by the fees paid by employers. Data stems from the budget reports.
- Households out of pocket payments: Estimations were made by the National Accounts department based on Household Survey Data from the budget reports.
- Day cases of curative and rehabilitative care: not separated.
- In-patient long-term nursing care: number of social personnel in Nursing and residential care facilities multiplied by the average salaries of social personnel categories and with the social insurance contributions.
- Prevention of communicable and non-communicable diseases: not separated.
- Occupational health care: number of occupational health personnel multiplied by the fees paid by employers.

Breaks in Time Series
There are differences in data pre-1998 and data from 1998 to 2002 both in concepts and estimation methods.
- Pre-1998 data on public expenditures were based on payments by financing agents: (data by NHIF, MoF and MoH). Private expenditures contained only household expenditures.
- For data from 1998 to 2002 total health expenditure is defined as final use of health care goods and services by residents plus gross capital formation in health care provider industries.
- In 2003, the Hungarian Central Statistical Office made a revision of the National Accounts back to 1995. It also resulted in a revision of the households' expenditure on health.
- In 2011 there is a break in the expenditure for hospitals and providers for ambulatory health care as establishments were re-classified between the two sectors. This break does, however, not affect the aggregates current and total health expenditure.

See also Note on general comparability of health expenditure and finance data.

Variables with Specific Notes in Sources and Methods:

1) HEALTH EXPENDITURE

Total expenditure on health
Sources:
I. The databases of the following institutions:
1. Public Finance Authority (Annual Accounting Reports of the public institutions)
2. National Health Insurance Fund
3. Health Information Centre of the Ministry of Health
4. National Public Health and Medical Officer Service
5. National Tax Office
6. National Supervisory Authority of Financial Organisations (aggregate data on mutual health funds)
7. Central Statistical Office
7.1. National Accounts
7.2. Household Statistics
7.3. Statistical report of non-profit organisations
7.4. Occupation-health care data (in-kind data)
7.5. Health and social employment data
7.6. Investment Statistics
7.7. Retail Trade Statistics (pharmaceuticals and therapeutic equipment)

II. Special surveys conducted under the NHA project:
1. Survey on special revenues of the public hospitals (These revenues could not be classified based on the annual report of the public institutions.)
2. Survey on the mutual health funds.

**Public current expenditure**

Estimation on public expenditure on personal health care (HC.1-HC.4) and Prevention and public health services (HC.6):
- Outlays by public providers (with corrections taking into account monetary transfers to other institutions plus changes in debts towards suppliers).
- Minus revenues (of public providers) from private financing agents.
- Plus Payments by NHIF to private providers.

Estimations of outlays:
- Includes outlays reported under health care functions both by institutions classified under health sector and also by providers in the rest of the economy.
- Excludes expenditures on health related functions and activities not related to produce health services (e.g. costs related to letting out space / buildings to different retailers, etc.).

Notes:
- Estimation for expenditures on health care services provided in social institutions are based on medical employment in social institutions.
- Expenditures on services produced by the National Public Health and Medical Officer Service is divided between Prevention and public health services (HC.6) and HC.R.4. This estimation is based on the employment statistics of the NPHMOS.

**Sources:**
1. Public Finance Authority (Annual Accounting Reports of the public institutions).
3. National Public Health and Medical Officer Service.

**Total investment on medical facilities**

Source: Central Statistical Office investment statistics.

There was a serious cut in investment on health in 1995-1996. Also takes into account the relatively high inflation in this period.

- Annual budget reports: capital formation of the state and local government in the health sector.
- Hungarian Central Statistical Office (Enterprise statistical department): Investments of corporations and non-profit institutions in the health sector.

**Total expenditure on medical services**

Total expenditure on medical services is more than its sub-components, as:
- total expenditure on medical services contains under-the-table payments that it was not possible to disaggregate (this explains the differences also in the case of private expenditure on medical services);
- total expenditure on medical services contains the changes in the stock of unpaid bills by public providers that it was not possible to disaggregate (this also explains the differences in the case of public expenditure on medical services).

**Public expenditure on medical goods**

Source: National Health Insurance Fund.

**Total expenditure on pharmaceuticals and other medical non-durables**

Before 2010 HC.5.1.3 (other medical non-durables) were reported within HC.5.2 (other medical durables).
- Sums of Total expenditure on pharmaceutical goods do not include subsidies by local governments.

**Total expenditure on over-the-counter medicines**
Source: National Health Insurance Fund Administration.
- The data given includes OTC goods plus prescribed but not subsidised (by national health insurance) goods.

**Public expenditure on health administration and insurance**
Source: National Health Insurance Fund. Costs of the NHIF Administration are divided between health service financing and other activities of the NHIF. These estimations are based on division of the staff of the NHIF.
- Ministry of Health: budgetary data.
- Local governments: estimations based on staff employed in health administration.

**Prevention and public health services**
Maternal and child health; family planning and counselling
- Annual budget reports from the Hungarian State Treasury
- National Health Insurance Fund Administration
School health services
- Annual budget reports from the Hungarian State Treasury
- National Health Insurance Fund Administration
Prevention of communicable diseases
- Annual budget reports from the Hungarian State Treasury - National Health Insurance Fund Administration
- Estimation: Voluntary health fund: data from the Hungarian Financial Supervisory Authority
Prevention of non-communicable diseases
- Annual budget reports from the Hungarian State Treasury
- National Health Insurance Fund Administration
- Estimation: Voluntary health fund: data from the Hungarian Financial Supervisory Authority.
Occupational health care: annual budget reports from the Hungarian State Treasury
- Estimation: Corporations: data from the National Institute of Occupational health: number of occupational health personnel multiply with the fees paid by employers.
All other miscellaneous public health services
- Estimation: non-profit institutions: data from non-profit statistics.

**Inpatient Long-term nursing care**
Public
- Estimation:
  Hungarian Central Statistical Office: Social services department.
- Number of health workers in Nursing and residential care facilities multiplied by the average salaries of health personnel categories and with the social insurance contributions
- National Health Insurance Fund Administration.
Private
- Annual budget reports from the Hungarian State Treasury

**Long-term nursing care: home care**
Public:
- Annual budget reports from the Hungarian State Treasury
- National Health Insurance Fund Administration
Private:
- Annual budget reports from the Hungarian State Treasury
- Estimation: Voluntary health fund: data from the Hungarian Financial Supervisory Authority.
Social services of long-term care
Public:
- Estimation: Hungarian Central Statistical Office: Social services department and Life standard and human resource department: number of social workers in Nursing and residential care facilities multiplied by the average salaries of social personnel categories and with the social insurance contributions.

2) HEALTH FINANCING

Private expenditure
Sources: National Tax Office, CSO database on non-profit institutions and HIFA: payment by compulsory insurance to private providers Private expenditures are: (a)+(b) (a) revenues of private providers minus payment by compulsory insurance to private providers. (b) revenues of public providers from private financing agents.

Households out-of-pocket expenditure (total)
Services of curative and rehabilitative care and ancillary services
- Annual budget reports from the Hungarian State Treasury.

Households out-of-pocket expenditure excluding cost-sharing
- No data available.

Households out-of-pocket expenditure cost-sharing with general government
- No data available.

Households out-of-pocket expenditure cost-sharing with private insurance
- No data available.

Private social insurance
- No data available.

Private insurance (other than social insurance)
Sources: Hungarian Financial Supervisory Authority (Voluntary health funds)

Non-profit institutions serving households
Sources: CSO non-profit database (Statistical report of non-profit organisations).

Corporations (other than health insurance)
- Expenditure on occupational health care are estimated based on the number of cases and the average fees. Sources of the number of cases: CSO Occupation-health care data.
- Note: According to an amendment brought to the 89/1995 Government decree the corporations’ occupational health care fees were sharply lifted starting with 1st January 2009.

Gross fixed capital formation
Sources: Annual budget reports for capital formation of the state and local government and the Hungarian Central Statistical Office (Enterprise statistical department) for investments or corporations and non-profit institutions.