

# Health statistics in the Slovak republic

## HFA – tool of comparability health services for citizens EU

SVK

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**Abstract** NHIC look like national representative and administrator of health statistics information in the Slovak republic within the frame activities used database HFA for presentation indicators providing from other countries for comparison health status of population in EU. At the same time we offer collaboration by creation of european methodics in term of specification new indicators which would be more objective reflected development of health service in particular countries and we support process of harmonization indicators for collaborating international organizations.

### Introduction

#### History

period 1996 -1997

- Participation of the Slovak republic into collaboration in the field of creation European health statistics
- Creation of department in NHIC for collaboration with WHO for representation of direct contact
- Participation Slovakia into the project of WHO a EU Copernicus Care Support - creation of indicators and analysis from accessibility of indicators in Slovakia for creation list of international comparable health indicators

- Projekt WHO Euphin-East - connection information systems of concerned countries through servers with databases of health data in real time

period 2002 -2005

- Within the frame intended targets in the field of monitoring and analyse of health status population in Slovakia were staff of NHIC initiative connected into solving projects which were realized within biennial agreements closed between Ministry of the Health of Slovak republic and WHO

#### Nowadays

HFA - DB European health for all database – department and out of department statistical data are covered and provided by NHIC

HMD - Data of national hospital discharge statistics WHO- indicators from bed establishments, age, sex and diagnosis discharged patients in spotted year

HFA - MDB Mortality indicators by 67 causes of death, age, and sex

#### Main correspondents cooperation with WHO in Slovak republic

**Ministry of the Health of Slovak republic** legislative environment in the field of providing health service, relevant laws and documents strategic and directional character  
<http://www.health.gov.sk>

**Country office WHO in Slovakia** special agency in the field public and global health  
<http://who.who.sk>

**National Health Information Center** national administrator of health statistical data and provider health information  
<http://www.nczisk.sk>

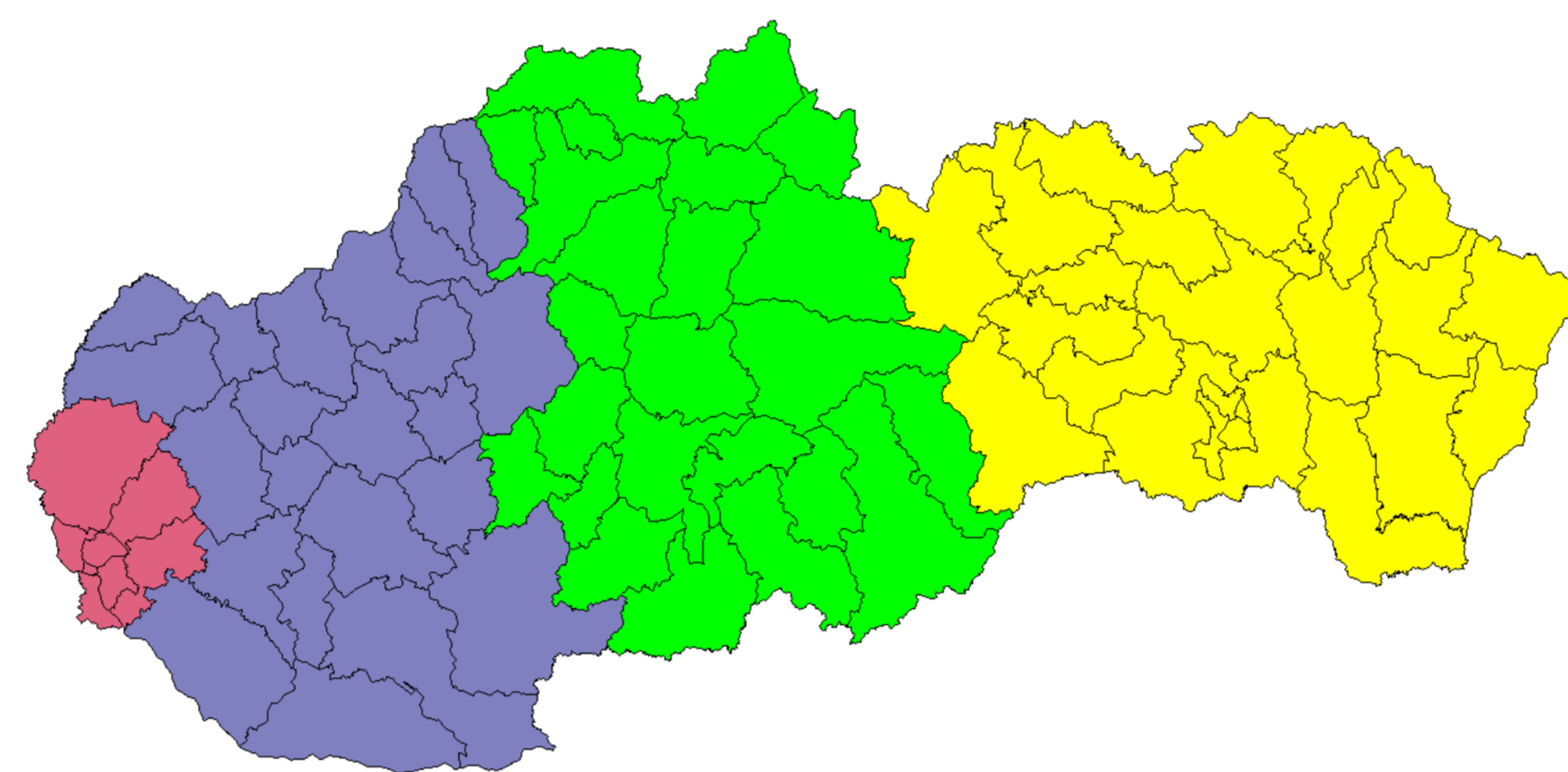
**Statistical office of the Slovak republic** state statistic, administrator and provider demographic data  
<http://www.statistics.sk>

### Methods and materials

#### Acquisition health statistical data in the Slovak republic

Complex area collection : republic, region, district

Map presents integration statistical outputs according to valid territorial classification in the Slovak republic NUTS 1 - 4



#### Forms statistical finding in Slovakia

##### ✓Statistical reports

- ambulant activity
- activities of selected specializations
- one-day care
- workstation of common diagnostic facilities and curative units
- bed care
- activities of stationaries

##### ✓National health registers

##### ✓Finding cases characterise health status of population

##### ✓Administrative registers

#### Methods finding

- comprehensive statistical finding Ministry of the Health of Slovak republic at providers health service
- selective finding
- survey

#### Periodicity data processing

- annual
- quarterly
- monthly

#### New forms data collection and scope information systems

on-line form - web application

off- line form – MS Excel

Interconnection of information systems providers of health care through xml interface

### Presentation results



#### Publication outputs

- Edition of health statistics
- Edition of yearbooks
- Edition of analytical publications
- Edition of Slovak medical library



#### Electronic outputs

- Electronic publication
- Web presentations



#### Health statistics yearbook of the Slovak Republic

In sole chapter

„ International comparison „ publication provides information about position Slovak republic within the frame EU concerning selected indicators of health status population. Reader has possibility to compare values of indicators processing for Slovakia with values other european countries. Data for this chapter are selected from the latest updating database HFA.

### Conclusions

Process of harmonization indicators provided to foreign partners is executed in several phases and levels.

The base pillar of harmonization are synchronised requirements of partner foreign organizations and elimination duplicities providing data according to different methodics of collection whether mode their declaration and monitoring from primary resources of statistical data.

Toward this target aiming international collaboration all member states. We noticed results in change of required indicators for Slovakia in the year 2006. Step by step duplicity of required data is removed, methodics of foreign partners is unified, these partners prefer data from primary source.

Harmonization of indicators is dynamic process which is constantly developed and improved.

The Slovak republic represented by NHIC is prompt participant of the process and develops endeavour towards harmonization indicators monitoring health and satisfaction with health services of citizens EU and their comparability in particular countries.