



Workshop Report

## Health Information and Public Health

Cooperation between the Czech Republic and the World Health Organization

November 29th 2016

The Ministry of Health of the Czech Republic, Prague

Institute of Health Information and Statistics of the Czech Republic

[www.uzis.cz](http://www.uzis.cz)

# PROGRAMME



**Chairs: Ondřej Májek and Miroslav Zvolský**

- 14:00 Opening of the workshop
- 14:05 Alena Šteflová  
**Introduction – activities of WHO country office in the Czech Republic**
- 14:15 Ladislav Dušek  
**The Czech National Health Care Information System and its strategy in building population-based reporting**
- 14:35 Claudia Stein  
**Information, evidence and research for policy in the WHO European Region**
- 15:10 Discussion
- 15:20 Coffee break
- 15:35 Ondřej Májek  
**Information support of programs of early disease detection in the Czech Republic**
- 15:50 Miroslav Zvolský  
**Implementation of international classifications in the Czech Republic**
- 16:05 Jiří Jarkovský, Jan Mužík  
**Easy access to population health indicators: statistical reports and the new on-line reporting system**
- 16:40 General discussion
- 16:50 Wrap-up of the workshop
- 17:00 End of the workshop

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# HEALTH INFORMATION AND PUBLIC HEALTH COOPERATION BETWEEN THE CZECH REPUBLIC AND THE WORLD HEALTH ORGANIZATION

On 29 November 2016 a workshop dedicated to the cooperation between the Czech Republic and the World Health Organization was held at the Ministry of Health of the Czech Republic.

Dr. Claudia Stein, Director of the Division of Information, Evidence, Research and Innovation of the WHO, was welcomed as distinguished guest. It was a pleasure to welcome Dr. Alena Šteflová, Ph.D., MPH, Director of the WHO office in the Czech Republic.

In the frame of the workshop Dr. Stein appreciated the present information system for data reporting on the national and also regional level and she also commended the significant step represented by the adoption of the National Strategy on Electronic Healthcare.

A wide spectrum of topics was discussed during the workshop, ranging from strategic issues to the presentation of specific tools for data acquisition and analysis.



**Alena Šteflová, M.D., Ph.D., MPH**, Director of the WHO office in the Czech Republic held the opening presentation. Doctor Šteflová introduced current WHO activities in the Czech Republic with emphasis on the implementation of Health 2020 regional indicators and *well-being* as an

innovative element in the Health 2020 framework. At the end of her speech doctor Šteflová thanked for excellent cooperation in eHealth.

**Ladislav Dušek, M.A., Ph.D.**, Director of Institute of Health Information and Statistics of the Czech Republic presented the Czech National Health Care Information System (NH-IS) and strategy in building population-based reporting. NH-IS consists of four components: statistical surveys, health care registries, reference information systems and international collaboration and reporting. Effective system must not increase administrative burden of health care professionals. The Czech strategy is to develop a system utilizing already generated, collected administrative data and health care records. Really comprehensive national health care data collection cannot be based on hundreds of separated registries for individual diagnoses. Doctor Dušek also introduced the Czech National Cancer Care Information System as an example of outcomes and results (SVOD, Onconet, CanCon). Participants agreed, that personalized medicine needs personalized data collection and reporting.

**Dr Claudia Stein** updated participants on recent developments within the WHO European Health Information Initiative (EHII) and explained features and advantages of EHII. The European Health Information Initiative is committed to improve the evidence on which health policies are based and ultimately to create a single health information system for Europe.



**Ondřej Májek, M.A., Ph.D.** , Head of the Department of Foreign Affairs of the Institute of Health Information and Statistics of the Czech Republic, informed about information support for early disease detection programmes in the Czech Republic. He summarized development of an academic information support system for cancer screening programmes, population-based cancer screening programmes, action plan national strategy Health 2020 and plans for the National Coordination Centre.

Organized cancer screening programmes recommended by the EU Council recommendations were started in the Czech Republic in 2000s. These programmes are supported by academic information systems, designed and guaranteed in cooperation with the expert societies and committees at the Ministry of Health. Population-based organised invitation to screening programmes started in cooperation between the Ministry and healthcare payers in 2014. Elements of evidence-informed policy making and top-down sustainable system of monitoring and evaluation will be implemented in following years on the basis of the Action Plan approved in 2015.

**Miroslav Zvolský, M.D.**, Head of the Department of clinical classification DRG, introduced participants to current situation of implementation of international classifications in the Czech Republic and related ongoing activities.

**Jiří Jarkovský, M.A., Ph.D. and Jan Mužík, M.A., Ph.D.** presented new on-line reporting system with visualisation of standardised population health status indicators (<http://reporting.uzis.cz>). This system allows users to display summary tables of multiple indicators in regions, detailed static tables and charts for individual indicators, interactive visualisations and focused commented analyses.



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There is a video made from the WHO workshop. We asked Dr. Stein and Dr. Šteflová a few questions about cooperation between WHO and Institute of Health Information and Statistics of the Czech Republic. We also asked how the Czech Republic does with relation to health information and evidence compare to other European countries.

***“The Czech Republic is one of the leaders in health information. You have an excellent health data, very well trained staff and you also have a legal framework”***, said Doctor Stein.

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