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Abstract reference : W201100015

Abstract : Workshop

Section : Not applicable or other

Workshop type : Regular workshop

Abstract title : Improved data availability for the European Community Health Indicators; European Health Interview Survey, data collection pilot, and new DG SANCO dissemination tools

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Abstract : As of the late 1990s the European Commission (DG SANCO and Eurostat), together with the European Union Member States, have been developing and implementing a European public health monitoring and reporting system. At the core of this system is the ECHI shortlist (European Community Health Indicators), a carefully selected list of about 90 general public health indicators, suitable for making international comparisons, comparisons between population groups and reflecting time trends. Recently some important developments took place regarding the availability of data for the ECHI shortlist indicators and the dissemination of ECHI indicator data. The aim of this workshop is to inform the participants about these developments and about the usefulness of the new data and data dissemination tools for their own work, either as a public health policy maker, or as a public health researcher. In the first presentation, given by the ECHIM project partners, a short overview of the ECHI initiative will be presented, explaining the added value, current activities and future prospects of this long term Commission policy. Next, the new data developments will be highlighted. These concern the outcomes of the first wave of the European Health Interview Survey (EHIS) and the outcomes of a (partly) complementary data collection pilot that was carried out in the framework of the current ECHI project (Joint Action for ECHIM). In the second presentation the plans with regard to future waves of EHIS will be explained jointly by Eurostat and experts from the Robert Koch Institute (RKI) in Germany. Eurostat will focus on the development of the legal basis for EHIS, as well as the general revision of the EHIS questionnaire based on the outcomes of the first data collection round. After that, the RKI experts will explain some of the methodological challenges encountered during the revision process in more detail. To conclude the workshop, DG SANCO will

present the interactive HEIDI data tool (Health in Europe: Information and Data Interface), which is developed for disseminating ECHI and other EU indicator sets. This data tool is linked to the HEIDI wiki, a website where public health experts can add and edit information on a broad range of public health topics. The integration of the ECHI indicators in the HEIDI wiki will also be explained and illustrated.

Chairpersons : Arpo Aromaa (THL, Finland), Marieke Verschuuren (RIVM, the Netherlands)

Abstract 1 :

Title : First results of the European Health Interview Survey (EHIS) and the outcomes of the European Community Health Indicators Monitoring project (ECHIM) data collection pilot

Presenting author : Mr J Jürgen Thelen

Authors : Thelen J, Kirsch NH, Verschuuren M

Affiliation(s) : Robert Koch Institute, Berlin, Germany; Robert Koch Institute, Berlin, Germany; National Institute for Public Health and the Environment (RIVM), Bilthoven, the Netherlands

Abstract : The European Community Health Indicators (ECHI) shortlist has a broad scope under four domains, covering demographics, health status, health determinants, and health care. Therefore data from different types of sources are needed for the ECHI indicators, such as demographic statistics, mortality and morbidity registers, health care registers and Health Interview Surveys (HIS). HIS is an important instrument in particular for deriving population-based information on health behaviors and health status, and for breaking down data according to the socio-economic-status (SES). Though many countries carry out regular national HISs, the availability of comparable HIS-based data at EU level has been problematic. Therefore, during the past few years Eurostat together with the EU Member States (MS) have been developing the European HIS (EHIS) in order to accommodate the data needs of ECHI/SANCO and of other users. In the period 2006-2009 (part of) the EHIS was carried out by 17 MS plus Switzerland and Turkey. For about 20 indicators in the ECHI shortlist EHIS is the preferred source. To complement the EHIS data, in the 2010 ECHIM data collection pilot national HIS data were collected from those MS that did not yet (fully) carry out EHIS. In this way HIS-derived indicators were collected from 24 European countries in total. Though different national methodologies underlie these national HIS data, which limits their comparability to some extent, together with the data collected in EHIS they provide a first and complementary overview of data on important health indicators. Besides HIS-based data, other data were also collected in the ECHIM Pilot Collection, such as attack rates of acute myocardial infarction and stroke, and - as far as available- register-derived estimates of prevalence of diabetes, COPD, asthma, and depression, incidence of injuries, and health care utilization rates. In this presentation, the most striking and interesting results of the Eurostat EHIS data collection combined with the ECHIM Pilot Collection will be presented. These include prevalence data on diabetes, depression, asthma and smoking from surveys, attack rates of acute myocardial infarction and stroke from administrative sources, and road traffic injury rates from registers.

Abstract 2 :

Title : Plans for the future of the European Health Interview Survey (EHIS) and the revision of the questionnaire

Presenting author : Mr B Bart De Norre

Authors : De Norre B, Finger J, Lange C

Affiliation(s) : Unit Health and Food Safety, Crime, Eurostat, Luxembourg, Luxembourg; Robert Koch Institute, Berlin, Germany; Robert Koch Institute, Berlin, Germany

Abstract : The European Health Interview Survey (EHIS) is the first comprehensive European HIS. It covers health status, health determinants, health care utilization as well as socio-economic background variables. The legal basis for EHIS is Regulation (EC) 1338/2008 of the European Parliament and of the Council of 16 December 2008 on Community statistics on public health and health and safety at work. This is a framework regulation under which multiple, more detailed implementing regulations will be developed and enforced. It is planned that one of the first of these

implementing regulations will be on EHIS. This should form the legal base for the 2nd wave of EHIS in 2014. During the workshop the participants will be informed about the status of development of the EHIS implementing regulation. The workshop participants will be given a short overview of the different actors and steps involved in the development of the questionnaire and the implementing regulation to guarantee a realistic and high quality wave II. The EHIS questionnaire was developed together with all EU Member States (MS). Moreover, many technical experts have provided their input. To include the experiences of the MS, to organize the discussion process between the MS and to improve specific modules considered as being problematic (such as the modules on alcohol consumption, mental health and physical activity) a call for project was issued. Three research institutes in Germany, Belgium and Estonia participated in the project. Main work packages were to conduct an expert survey to review the MS experiences with EHIS wave I, to organize a workshop to bring all actors together, to revise the problematic modules, to conduct a cross-national cognitive testing of the new questions, and to carry out a field test of the revised EHIS questionnaire for wave II in a cross-national setting using different modes of data collection. The workshop participants will be informed about the main outcomes of the project. Some of the methodological problems addressed will be presented in more detail, to illustrate the challenges that arise when conducting a large scale data collection exercise like EHIS.

Abstract 3 :

Title : Dissemination of European Community Health Indicators through the HEIDI data tool and wiki
Presenting author : Mrs T-M Tuuli-Maria Mattila

Authors : Hauksdottir S, Mattila T-M

Affiliation(s) : Health Information Unit, DG SANCO, Luxembourg, Luxembourg; Health Information Unit, DG SANCO, Luxembourg, Luxembourg

Abstract : During previous phases of the ECHI work the focus was on the selection and development of the ECHI indicators. In the current Joint Action for ECHIM the actual implementation of the indicators is the most important aim, i.e. making the indicators available for policy makers and public health experts and stimulating their use. To support the implementation process at both Member State and European Union level, the Commission has invested in the development of a central indicator database with an accompanying interactive data presentation tool (HEIDI-data tool). This central database is designed to hold data for different policy relevant indicator sets, such as the ECHI shortlist. The HEIDI-data tool allows users to download the ECHI indicator data, enabling them to use them for their own purposes, e.g. using them in national public health monitoring and reporting activities. Furthermore the tool provides other interactive features, such as adjustable graphs and maps. Another important feature in the HEIDI-data tool is the availability of structured meta-data, which helps users of the tool to interpret the indicators presented therein. For the ECHI indicators the Documentation Sheets, prepared by ECHIM and other experts, are presented, which is valuable because they allow the user to access the meta-data and other useful information about each indicator. The HEIDI-data tool is integrated in HEIDI (Health in Europe: Information and Data Interface), which is a website applying a wiki approach. In Heidi, European public health experts can apply for access to add and edit contents on a wide range of public health topics. The website itself is publically accessible. The HEIDI-data tool and the HEIDI wiki will be shown during the presentation, with a specific focus on the role of the ECHI indicators therein. Plans and prospects for the future will be sketched, both in relation to the further technical developments for the tool and the wiki, as to the creation of a sustainable data flow from the different sources, used for computing the ECHI indicators, to the central database.

Abstract 4 :

Title :

Presenting author :

Authors :

Affiliation(s) :

Abstract :

Abstract 5 :

Title :

Presenting author :

Authors :

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Authorisation given for publication (if accepted) in the EJPH supplement