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EPHC 2018

Overview of and connection between international databases

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Get known to each other



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Codes to vote

a. 628897

b. 527659

What is EUPHA PHMR and how to join this group?

The European Public Health Association – EUPHA – has 22 sections. One of these, the section on **Public Health Monitoring and Reporting**.

EUPHA sections focus on **specific public health themes**, sections are **international and open** to all public health experts. The goal is to bring together researchers, policymakers and practitioners working in the same field for **knowledge sharing** and **capacity building**.

How to join EUPHA PHMR?

➔ tick EUPHA PHMR in your EUPHA/EPHC profile

➔ join us on Twitter @PHMRsection

➔ join the Network Meeting on Saturday

13:10-14:10; Room E1

You are currently included in the following EUPHA section(s). If none are selected or you want to change section(s), please feel free to indicate this below.

- | | |
|--|---|
| <input checked="" type="checkbox"/> Child and adolescent public health | <input checked="" type="checkbox"/> Chronic diseases |
| <input type="checkbox"/> Environment and health | <input type="checkbox"/> Ethics in public health |
| <input type="checkbox"/> Food and nutrition | <input checked="" type="checkbox"/> Health impact assessment |
| <input type="checkbox"/> Health promotion | <input checked="" type="checkbox"/> Health services research |
| <input type="checkbox"/> Health technology assessment | <input type="checkbox"/> Health workforce research |
| <input type="checkbox"/> Infectious diseases control | <input type="checkbox"/> Injury prevention and safety promotion |
| <input type="checkbox"/> Migrant and ethnic minority health | <input type="checkbox"/> Public health economics |
| <input checked="" type="checkbox"/> Public health epidemiology | <input type="checkbox"/> Public health genomics |
| <input checked="" type="checkbox"/> Public health monitoring and reporting | <input checked="" type="checkbox"/> Public health practice and policy |
| <input type="checkbox"/> Public mental health | <input type="checkbox"/> Sexual and gender minority health |
| <input type="checkbox"/> Social security, work and health | <input checked="" type="checkbox"/> Urban public health |
| <input type="checkbox"/> Utilisation of medicines | |

Reasons for the pre-conference

- Need to spread knowledge about **existing databases and their differences**
- Need to spread knowledge and improve the understanding about the processes behind the databases: **from data collection to indicators**
- Users asked for possibilities for **exchange with data providers**
- Currently a lot of activities are going on: negotiations between data providers, joint action, etc. → **need for regular updates**

Thoughts of data users

I find it difficult to navigate in this database.

Where can I find the meta-data? And do I find the information I need?

What's the best age standardised rate for my purpose?

I can find a clear definition of the indicator.

I can easily select the regions I am interested in!

Have I selected the right indicator?

Where can I rank the countries?

A simple keyword search and I find what I need.

Databases in this pre-conference

**WHO Europe – Health
Information Gateway**

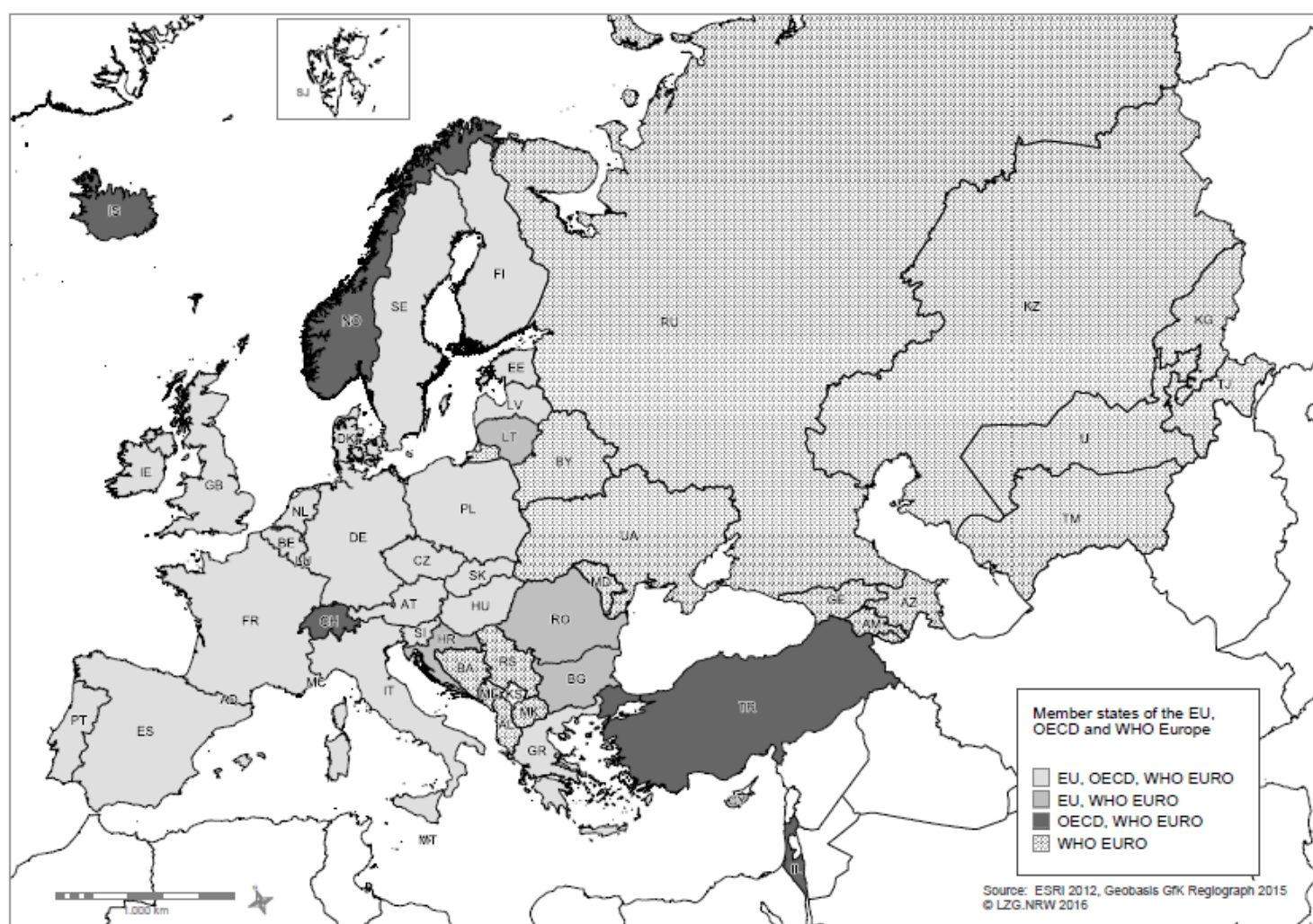


Eurostat – statistical information

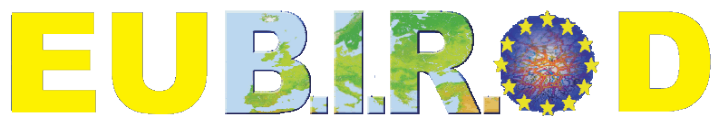
DG SANTE – ECHI tool

**JRC – European Cancer
Information system**

OECD – Data on Health



...are there more?



EUROPEAN HEALTH & LIFE EXPECTANCIES



INFORMATION SYSTEM



EuroREACH



Improved access to health care data through cross-country comparisons



European Association for Injury Prevention and Safety Promotion



Burden and/or lucky to have several databases?

- Reporting burden for member states
- Sometimes different numbers on the same topic or indicator
 - Different definitions
 - Different methodologies
 - Different standard populations for age standardization
- Specific knowledge necessary to make the best use of the databases
- Strengths
 - Different databases look at different regions and complement each other
 - Different view point to look at health, more economical or other indicators

JOINT INITIATIVES – DATA COLLECTION

Joint data collections

- OECD/Eurostat/WHO Joint **Health Accounts** data collection
provides annually data on health care expenditure data that are compiled according to the System of Health Accounts (SHA) methodology
- OECD/Eurostat/ WHO-Europe Joint data collection on **Non-Monetary Health Care Statistics**
provides annually data on health care resources and most of the data on health care activities (hospital discharges and length of stay, medical procedures, selected preventive services and consultations)

Joint data collections - Aims

- Reduce data collection burden on countries
- Promote consistent use of international standard classifications (e.g., System of Health Accounts)
- Improve consistency of data reported by international organisations

Data sharing – the example of OECD

- Life expectancy for EU/EFTA countries (Eurostat)
- Self-reported health status for EU/EFTA countries (Eurostat)
- Cancer incidence for EU/EFTA countries (JRC) and other non-European countries (IARC)
- AIDS incidence for EU/EFTA countries (ECDC)
- (Causes of death for all countries (WHO Mortality Database))

Conditions of success of data sharing approach

- Agreed-upon definition and data specifications
- Recognition of the organisation who has taken the responsibility to collect and validate the data
- Regular data updating by responsible organisation

Joint Monitoring Framework – the example of WHO (EUR)

- WHO Secretariat reviewed the three major health monitoring frameworks of the WHO European Region
 - Health 2020
 - Global goals for sustainable development
 - Global action plan for the prevention and control of non-communicable diseases

and examined the potential for creating a JMF that could reduce the burden of reporting.

- 10 indicators are in common, many share thematic alignment
- Potential to reduce the reporting burden for MSs

Current European/EU Health Information activities

- InfAct – Joint Action on Health Information
 - Joint action that prepares a EU Health Information Research Infrastructure
- DG SANTÉ Expert Group on Health Information
- WHO EUR European Health Information Initiative
 - Various subgroups on indicators, Burden of Disease, Health Literacy, regional subgroups, etc.
- ISPRA statement (June 2017)
 - Exchange on practical ways to enhance the collaboration between relevant European Commission services, the OECD, and WHO-Europe in the field of health information generation and reporting
 - Main goals: Interoperability and harmonization

International health information databases

1. Eurostat – presented by Tim Allen
 2. European Cancer Information System – presented by Manola Bettio
 3. ECHI data – presented by Philippe Roux
 4. OECD health database – presented by Gaetan Lafortune
 5. WHO Europe Health Information Gateway – presented by David Novillo Ortiz and Christian Gapp
 6. Joint Action on Health Informaiton – presented by Petronille Bogaert
- Examples of use
 - Marina Karanikolos, European Observatory on Health Systems and Policies
 - Mika Gissler, National Institute for Health and Welfare, Finland

ENJOY THE PRE-CONFERENCE!

Any comments? Petronille.Bogaert@sciensano.be and Nicole.Rosenkoetter@lzg.nrw.de