Overview of and connection between international databases
Get known to each other

Codes to vote
a. 628897
b. 527659

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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
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 can easily select the regions I am interested in!

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 easily select the regions I am interested in!

A simple keyword search and I find what I need.

I find it difficult to navigate in this database.

I can find a clear definition of the indicator.

Have I selected the right indicator?

Where can I rank the countries?
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?
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 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 Information – 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@lzd.nrw.de