

ECHIM SURVEY

5.12.2006

The purpose is to retrieve information and judgments from each country. The questionnaire is the second step in this process (after checking international databases and creating the first country reports). The questionnaire shall be followed up by interviews with all of you to be carried out in 2007 (to be expanded).

The topics dealt with are

1. Availability of data for the ECHI short list indicators in the country
2. Data gathering organisations
3. The most important regional subdivisions of health care in the country
4. Data sources and components of the health information system in the country
5. Topics and types of data
6. Health reporting
7. Suggestions on implementation of the ECHI short list indicators

Please fill in the required information:

Country:	<input type="text"/>
Filled in by:	<input type="text"/>
Phone:	<input type="text"/>
E-mail:	<input type="text"/>
Postal address:	<input type="text"/>

1. Availability of data for the ECHI short list indicators in the country

We have attached the ECHI short list of indicators with definitions and a country report based on international databases (WHO HfA, Eurostat, OECD Health Data).

- a. Please check that the information we have provided is correct. If not please make necessary corrections to the country report.
- b. Indicate on the ECHI short list the additional ECHI indicators (short list indicators not included in the country report) which are regularly collected in your country and used for health reporting.
- c. Mark on the ECHI list any other indicators which you think will become available during the next 3 to 5 years.

Get the ECHI short list [here](#)

Select your country report:

Necessary corrections to the country report:

2. Data gathering organisations

Please answer the following questions:

a. Is national health data gathered by one or several organisations (E.g. central statistical office, national public health institute, ministry of health, cancer registry, university departments etc.)? Please indicate which institutions are taking part in the data gathering process.

b. Is regional health data gathered by the same organisation as indicated above?

- Yes
 No → then, where do regional health data come from?

3. Which are the most important regional subdivisions of health care in your country? (e.g. in Germany the Länder, in Sweden the Landsting, in Finland the Central hospital districts)

4. Data sources and components of the health information system in your country

In the following we would like you to describe the data sources and the components of the health information system on the national – and when relevant – regional level. By sources and components we mean regularly or repeatedly collected complete or sample data in registers, statistics, surveys or otherwise.

4.1. Present situation

Please write down the currently available data sources (e.g. name of the register/database and the organisation keeping the register/database) and mark the levels of breakdown. Add internet addresses and/or references if available. SES=socio-economic status (e.g. education or income).

Topic	National	Breakdown by			Regional	Breakdown by		
		age	sex	SES		age	sex	SES
Mortality, causes of death	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cancer register	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other disease specific register, please specify	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hospital admission/discharge register	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ambulatory (hospital out-patient) care register	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Primary care register	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Child welfare register (e.g. clinics)	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maternity welfare register/birth register	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
School health register	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accidents and injuries register-all injuries	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accidents and injuries register-only some, please specify	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Register on use of prescription medicines	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regular national health interview survey (HIS)	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National health examination survey (HES)	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other regular data sources, please specify	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please, describe here the regional subdivisions available (preferably according to EU NUTS level). Comment also on the above breakdown if needed.

4.2. Record linkage

a) Is it possible to link data from various sources for health monitoring (e.g. using the personal identification number) in your country?

- No
 Yes → please specify the methods/tools.

b) Do you think that the possibilities to link records will improve or worsen in the future? Why?

4.3. Anticipated future

Which of the above data sources not available now do you expect to become available on the national level within the next 3 to 5 years? Indicate the sources and add internet addresses and/or references if available.

Component	The new data sources which you believe will become available
Mortality, causes of death	<input type="text"/>
Cancer register	<input type="text"/>
Hospital admission/discharge register	<input type="text"/>
Ambulatory care register	<input type="text"/>
Primary care register(s)	<input type="text"/>
Child welfare register (E.g. clinics)	<input type="text"/>
Maternity welfare register/birth register	<input type="text"/>
School health register	<input type="text"/>
Accidents and injuries register, all types	<input type="text"/>
Accidents and injuries register, only some, please specify	<input type="text"/>
Register of use of prescription medicines, all	<input type="text"/>
Health interview (incl. postal) survey (HIS)	<input type="text"/>
Health examination survey (HES)	<input type="text"/>

5. Topics and types of data

In the following we list topics frequently used in health monitoring and would like you to pinpoint which of these data you have access to at the national level. Describe the level of access: published/on request, free/on request, charged/other, specify. Specify also whether the data describe incidence or prevalence. Note separately if there are proxy sources such as data on medications for the disease.

5.1. Diseases and functional limitations

Topic	Incidence	Prevalence
Myocardial infarction		
Angina pectoris		
Asthma		
COPD		
Obesity		
Diabetes		
Low back pain		
Neck pain		
Arthritis of the lower limbs		
Poor vision		
Mental depression		
Allergies		
Headache or migraine		
Functional limitations, physical		
Functional limitations, cognitive		

5.2. Health determinants

Topic	Prevalence	Time trend
High blood pressure		
Serum total cholesterol		
Serum HDL-cholesterol		
Body mass index		
Serum glucose		
Smoking		
Serum glucose		
Smoking		
Alcohol use		
Other, please specify		

5.3. Health care

Please indicate the sources (e.g. organisations gathering the data) and add internet addresses and/or references if available.

Topic	Availability	Breakdown by
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		age	sex	SES
Hospital beds	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Average length of stay	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Admissions/discharges	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Causes of admissions/discharges	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Day cases in hospitals	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doctors in hospitals	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doctors in primary care	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Doctor visits in primary care	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nurses in hospitals	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nurses in primary care	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nurse visits in primary care	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dentists in primary care	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dentist visits in primary care	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Screenings by mammography	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Screenings by cervical smears	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Screenings by PSA	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N and proportion of children attending health check-ups	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N and proportion of mothers attending prenatal clinics	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N and proportion of children vaccinated	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of specified medicines by individuals	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of specified medicines as DDD	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Health reporting

Does your country have in place a system for **regular** health reporting? By this we mean a **national** system for disseminating health data and interpretations of the data in books or in the Internet.

- Yes
 No

If yes, please type the reference to the latest publication:

Further specification:

Furthermore, please attach your latest national health report to your reply. Should that not be feasible, please copy and attach the list of contents of that report.

7. Suggestions on implementation of the ECHI short list indicators

It is our task to promote establishing the ECHI short list in all Member States. We would greatly appreciate your judgment and advice on how this should be done.

In your opinion what would be the means to promote use of indicators in the ECHI short list in your country on country level?

Finally, please include any other suggestions or comments on the ECHI list indicators and their implementation

Thank you very much for your collaboration!

Arpo Aromaa and the ECHIM core group

If you have any questions, please don't hesitate to contact:

- Mr. Jürgen Thelen, Germany (thelenj@rki.de)
- Mr. Emanuele Scafato, Italy (scafato@iss.it)
- Mr. Ari-Pekka Sihvonen, Finland (ari-pekka.sihvonen@ktl.fi)

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