Generate knowledge:
The European Core Health Indicators

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Public health surveillance is the continuous, systematic collection, analysis and interpretation of health-related data needed for the planning, implementation, and evaluation of public health practice.

Such surveillance can:
• serve as an early warning system for impending public health emergencies;
• document the impact of an intervention, or track progress towards specified goals; and
• monitor and clarify the epidemiology of health problems, to allow priorities to be set and to inform public health policy and strategies.

To address inequalities in health in Europe, our first step must be to address the inequalities in health information.

All too commonly where health is poorest, health information tends to be poorest. Health information is absent or incomplete just where we need it most. Health information is crucial in all countries, rich or poor.

- Sir Michael Marmot

http://www.who.int/topics/public_health_surveillance/en/
Proportion of daily smokers age 15-24 (2014)

To illustrate...

Health behavior?
Health policy?
Health in all policies?
Public health ...

Surveillance!


This project is funded by the Health Programme of the European Union
Generate knowledge: How?
Work Package 4 - Focus areas

Keep ECHI up-to-date for data availability, methods/scientific developments and policy relevance

Establish and maintain expert networks

Increase relevance, use and visibility of the ECHI

Create wider accessibility for the ECHI and related information through a web-based repository

Designing an ERIC on health information to maximise research and evidence-based policy-making

Generate knowledge: The European Core Health Indicators
Data availability according to WP4 mapping survey (2016)

<table>
<thead>
<tr>
<th>44. Regular smokers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE</td>
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<tr>
<td>LU</td>
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</table>

The Regular smokers indicator gives the proportion of people reporting to smoke cigarettes daily.

<table>
<thead>
<tr>
<th>85. Policies on ETS exposure (Environmental Tobacco Smoke)</th>
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<tbody>
<tr>
<td>BE</td>
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<td>LU</td>
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Rationale:
- Which countries have / lack data in the preferred data source and why?

Definition: The indicator is a composite index summarizing regulations implemented by health (and other) authorities on smoking restrictions in specified (public) domains.
Data availability according to WP4 mapping survey (2016)

<table>
<thead>
<tr>
<th>Czech Republic</th>
<th></th>
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<tbody>
<tr>
<td>Proportion of “implemented” indicators available</td>
<td>100%</td>
</tr>
<tr>
<td>Proportion of “work-in-progress” indicators available</td>
<td>100%</td>
</tr>
<tr>
<td>Proportion of indicators in both sections available</td>
<td>100%</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Albania</th>
<th></th>
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<tbody>
<tr>
<td>Proportion of “implemented” indicators available</td>
<td>49%</td>
</tr>
<tr>
<td>Proportion of “work-in-progress” indicators available</td>
<td>20%</td>
</tr>
<tr>
<td>Proportion of indicators in both sections available</td>
<td>47%</td>
</tr>
</tbody>
</table>

**Rationale:**
- Do countries have difficulties in indicator implementation?

Provide support
Uptake of measures, such as bilateral contacts or national implementation teams, as had been used in previous ECHI projects.
A long way ....

2006/07: ECHI data available in international data sources
2016: ECHI data available in preferred international data sources

**Health status**

- 10. Life expectancy
- 12. Perinatal mortality
- 19. HIV/AIDS
- 28. (Low) birth weight
- 14. Drug-related deaths
- 31. Injuries: workplace
- 34. Self-reported chronic morbidity
- 40. Health expectancy: HLY
- 23. (A) Depression, self-reported prevalence
- 36. Physical and sensory functional limitations
- 29. (A) Injuries: home/leisure, violence, self-reported incidence
- 29. (B) Injuries: home/leisure, violence, register-based incidence
- 20b. Breast cancer incidence

Availability in %

This project is funded by the Health Programme of the European Union.
Information repository

Recommendations

Ensure the ECHI information is up to date, easily accessible, visible and used

Literature search and expert consultation

Actions

BRIDGE health WP4: repository concepts; InfAct WP8 and WP7

Envisaged under ERIC

Sustainable, accessible, functional, interactive web space, used by wide audience

Ensure the ECHI information is up to date, easily accessible, visible and used

BRIDGE health WP4: repository concepts; InfAct WP8 and WP7

Sustainable, accessible, functional, interactive web space, used by wide audience

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Indicator repository (concepts)

Single point of access

Sustainable

Institutional memory

Health indicator repository (website/web application)

ECHI data tool?

Meta-database

ECHI historical context

ECHI metadata

WHO, OECD, other projects
Content/policy relevance

Recommendations

- Literature search and expert consultation

Actions

- BRIDGE WP4: concepts
- InfAct WP8: new format
- Include policy makers

Envisaged under ERIC

- ECHI format suitable for both surveillance and policy action

Strengthen the links between the ECHI-shortlist and policy makers/policy priorities

Organize a structured procedure to identify new indicator areas for the EU and its MS

InfAct WP5 & 8: policy priorities

Sustainable procedure to identify new policy relevant topics

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### Content/policy relevance (concepts)

<table>
<thead>
<tr>
<th>Layering</th>
<th>Application</th>
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<tbody>
<tr>
<td>Headline</td>
<td>Descriptive</td>
</tr>
<tr>
<td>Operational</td>
<td>Target</td>
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<tr>
<td>Explanatory</td>
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<tr>
<td>Contextual</td>
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**Policy areas (Main)**
- Health services and health care
- Ageing and population
- Health determinants
- Diseases and mental health
- Health in all policies

**Policy areas (Sub)**
- Sustainable health care systems
- Health system performance, Quality of care, Efficiency of care, Patient safety
- (Planning of) health care resources and health care cost
- Healthy ageing, Ageing population
- Maternal & perin. Health
- Child health
- Health inequalities (including accessibility of care)
- Preventable health risks and lifestyle health behaviour (including young adults)
- Non-Communicable diseases (NCD), Chronic Diseases
- (Preventable) Burden of Disease (BoD) and health threats, communicable diseases
- Mental health
- Health in All Policies (HIAP) including occupational and environmental health

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Collaboration

Recommendations
- Literature search and expert consultation

Maintain the ECHIM network

Work with supra/international organisations and MS on further harmonisation of (existing) data collections

Actions
- BRIDGE health WP4 & InfAct WP8: expert groups
- InfAct WP5: collaborate with WHO/Euro EHII on indicator mapping

Envisaged under ERIC
- Core group of ECHI experts
- Efficient EU health information system, reduced reporting burden

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ECHI: Comparable and policy-relevant health information...

...at the core of health information in the EU