An integrated single health information system for Europe – quo vadis?

Dr Claudia Stein

Director
Division of Information, Evidence, Research and Innovation
WHO Regional Office for Europe
The European Health Information Initiative is committed to improving the evidence on which policy is based and ultimately to creating a single health information system for Europe.
Why do we need this initiative?

• Health information in Europe is fragmented and expertise scattered;
• Member States' information often incomplete, not harmonized with international standards and not always reported;
• Networks are often ad-hoc and based on personal relationships;
• Interpretation of results varies;

Isn't this the same in countries…?

Translation of evidence into policies remains patchy.
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
Current situation of health reporting in Europe
The past: databases managed by EURO

- Centralized Information System for Infectious Diseases (CISID)
  - STI and HIV/AIDS
  - Tuberculosis control and joint ECDC/EURC
  - VPI and immunization
- Health for All (HFA) database
- Mortality, morbidity and hospital discharge databases
- Nutrition, Obesity and Physical Activity - NOPA
- Tobacco control database (under revision)
- Health inequalities resource database
- Environmental Health Information System - ENHIS
- Alcohol control, prison health
European Health Information Gateway

Theme in focus: Health 2020

Health 2020 is the flagship health policy framework for the WHO European Region which aims to support action across society and governments for health and well-being. The evidence-based and peer-reviewed policy has been embraced by all 53 Member States in the WHO European Region and is vital as Europe is faced with many different challenges that impact our health and demand different ways of thinking and behaving.

The M&E framework details the way that good health contributes across society and provides policymakers a vision, a strategic path, a set of priorities and a range of suggestions about what works to improve health and address health inequalities. This will ensure the health of future generations for everyone in the European Region.

Data
Choose an indicator to view data in WHO/Europe’s databases
- Health 2020 indicators
- Environment and Health Information System (ENIHS)
- European Health for All database (HFA-DB)

Themes
- Alcohol
- Antimicrobial resistance
- Environmental health
- Food Safety and Zoonoses
- Health 2020
- Health inequalities and social determinants of health
- Health literacy
- Health system performance: quality, costs, accessibility, equity and reform
- Healthy and active ageing
- Mental health
- Migrant health
- Noncommunicable diseases
- Obesity, physical activity and nutrition

Country profiles
- Albania
- Andorra
- Armenia
- Austria
- Azerbaijan
- Belarus
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Georgia
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Israel
- Italy
- Kazakhstan
- Kyrgyzstan
- Latvia
- Lithuania
- Luxembourg
- Malta
- Monaco
- Montenegro
- Netherlands
- Norway
- Poland
- Portugal
- Republic of Moldova
- Romania
- Russian Federation
- San Marino
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Tajikistan
- The former Yugoslav Republic of Macedonia
- Turkey
- Turkmenistan
- Ukraine
- United Kingdom
- Uzbekistan
Health 2020 policy & targets

- Reduce premature mortality
- Increase life expectancy
- Reduce inequities
- Enhance well-being
- Achieve universal health coverage
- Establish national targets set by Member States
### Health 2020 monitoring framework – targets and core indicators

<table>
<thead>
<tr>
<th>Reduce premature mortality</th>
<th>Increase LE</th>
<th>Reduce inequalities</th>
<th>Enhance well-being</th>
<th>UHC &amp; “right to health”</th>
<th>National targets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Premature CVD, cancer, diabetes and chronic respiratory mortality *</td>
<td>LE at birth*</td>
<td>IM*</td>
<td>Life satisfaction*</td>
<td>OOP as % THE</td>
<td>UHC &amp; “right to health”</td>
</tr>
<tr>
<td>Tobacco use</td>
<td>LE at birth*</td>
<td>LE at birth*</td>
<td>Availability of social support</td>
<td>Vaccination coverage</td>
<td>National targets</td>
</tr>
<tr>
<td>Alcohol consumption</td>
<td>Primary school enrolment*</td>
<td>Per capita GDP</td>
<td>Improved sanitation facilities</td>
<td>THE % GDP</td>
<td>National targets</td>
</tr>
<tr>
<td>Overweight and obesity*</td>
<td>Unemployment rate*</td>
<td>GINI</td>
<td>GINI</td>
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<tr>
<td>Vaccination coverage</td>
<td>National inequality policies</td>
<td></td>
<td>Unemployment rate*</td>
<td></td>
<td></td>
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<tr>
<td>External causes mortality*</td>
<td></td>
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<td>Children not enrolled in school*</td>
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</tbody>
</table>

Disaggregated by sex

- Evidence documenting: - National policies aligned with H2020
- Implementation plan
- Accountability mechanism

**World Health Organization**

**Regional Office for Europe**

**Disaggregated by sex**
Three major frameworks – overlapping indicators

17 goals

6 targets

169 targets

37 indicators

9 targets

Over 200 indicators

9 targets

(26 indicators under SDG3)

25 indicators

19 core

18 additional
The SDGs and Health 2020 are very well aligned.

76% alignment of indicators between H2020 and SDGs.
Alignment of H2020 and SDG indicators

76% of H2020 indicators (28/37) align thematically with SDGs

- Alcohol
- Educational attainment
- Health expenditure
- Household consumption
- Mortality
- Reducing income inequality
- Sanitation
- Smoking
- Social support
- TB treatment
- Unemployment
- Vaccination
Alignment of indicators across 3 frameworks

H2020

10 indicators overlap thematically across 3 frameworks

SDG

NCD

H2020 and SDGs alone
Indicator-level: 13
Thematic: 15
No alignment: 9

H2020 and NCD alone
Indicator-level: 8
Thematic: 4
No alignment: 25

H2020 and SDGs alone
Indicator-level: 6
Thematic: 8
No alignment: 11
Minimum Joint Core Set of Indicators – proposal for consultation

- Full consultation with Member States
The future: Single health information system for Europe

Interoperability
Ability to exchange and make use of information

Alignment between H2020 and ECHI indicators

Harmonization
definition, classification and interpretation of data indicators
NEXT STEPS:

WHO, OECD, EC to be more active working together

Strengthen country health information networks to harmonize data collection and reporting

Joint indicator set across three frameworks

Meeting dedicated to health information system roadmap

2010
Commitment to single health information system

2012
Establishment of European Health Information Initiative

2015
Commitments to harmonization of information

2016
WHO Resolution & Action plan

Define new [qualitative] evidence, research & data to address dimensions of well-being & health inequalities
Isn’t this the same in countries…?

Who is coordinating this at country level?

‘Knowledge for Health collaboratives’ at country level?
Thank you!