Promoting health: from data to decisions

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Quality health information systems in small European countries and regions
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Cantone Ticino
- Italian-speaking region
- 2812.5 km²
- Pop.≈350,000
From data to decisions

- Ultimate goal of HIS
SPVS-UMC: Health Information System

Data sources
- HBSC
- SHS
- Addiction Monitoring
- SPVS-UMC Surveys

Analysis
- Data Entry
- Data Coding
- Data Cleaning
- Data Analysis
- Data Management & Reporting
- Assessing projects and interventions
- Interpretation
- Decision

Is this enough?
- Not just quality of data
- Not just statistical methods
- Not just technology
- Not just money

“Simplicity is the ultimate sophistication” (Leonardo da Vinci)
1. THE PROBLEM

- If we don’t know the problem we cannot try to solve it
- Some problems are problems, other problems are our problems

What’s the problem?
Where it happens?
When it occurs?
Who is involved?
Why is this a problem?
2. THE TARGET

- The problem is not the target
- Knowing the problem doesn’t mean knowing the target
3. THE ANALYSIS

- “Keep it simple... but not simpler”
- Don’t torture the data
- Is this difference a difference?
- Increase statistical rigor
4. THE INTERPRETATION

- Interpretations should not be based on opinions but...
- Using data is not an error-proof process
5. THE VISUALISATION

- Information asymmetry
- A well-done graph can tell a story in a language that everyone can understand
- Transfer knowledge, not tabs
6. THE SHARING

- Recipients of HIS should not be just experts or politicians

- Health Information System
  - Health agency
  - Information, education, health literacy
  - Perceptions

- Institutional targets
  - Knowledge transfer
  - Decision makers

- Population target
  - Informed decisions
  - Consensus
  - Recipients

- Classical path
- New path

- Health Information System
- Information, education, health literacy
- Perceptions
- Informed decisions
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- Institutional targets
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- Health Information System
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Facebook project

www.facebook.com/promozionedellasalute
Wrap up

Commitment

1. Problem
   - Is this a real problem for my region?

3. Analysis
   - Is there a statistical significance?

5. Visualisation
   - Are we transferring knowledge?

Data

2. Target
   - Who are the people involved and concerned?

4. Interpretation
   - Is our interpretation based on data?

6. Sharing
   - Who are the recipients of HIS?

Decisions
Contacts

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