

# Bibliometrics at NHV

Slightly different aims:

- 1, A public need for personnel in health organisations to find the material in new research areas, like health promotion
- 2, a need for researchers to develop their understanding of a new research area



# A well known problem

- ◆ Findings from dissertation at Karolinska 2008 on the new research area of injury prevention and safety promotion
- ◆ Necessary to use more databases
- ◆ Necessary to use many search terms
  
- ◆ Sometimes surprising findings. Example: searching for domestic swimming pool accidents with different terms:
  - ◆ "Swimming pool accidents" 3 or 3.6% of total
  - ◆ "Drownings in domestic swimming pool" 3 or 3.6%
  - ◆ "Swimming pool drowning" 9 or 10.7 %
  - ◆ "Swimming pool" 83 or 98.9 %
- ◆ Lawrence, D.W. The information-seeking behaviour of professionals and information sources – in the field of injury prevention and safety promotion. Karolinska institute 2008



# Nordic Health Promotion:

a "new" research area

- ◆ For the moment 3 databases at NHV:
- ◆ 1, is called "clean": using only the term "health promotion" as a keyword
- ◆ 2, is called "less clean" using "health" as a keyword, combined with different health promotion terms somewhere in the abstract
- ◆ 3, is called "grey" since it contain sometimes non-peer reviewed reports from Nordic institutes



Different databases are necessary to use for health promotion

**Numbers of articles and copies in 5 databases compared to Pubmed 2007-2009**

Database	No	Copies in Pubmed				
	Total:	Cinahl	Cochrane	CSA	ISI	Swemed
<b>Pubmed</b>	<b>204</b>	<b>69</b>	<b>0</b>	<b>41</b>	<b>57</b>	<b>12</b>
Cinahl	91	22				
Cochrane	80		0			
CSA	285			245		
ISI	195				138	
Swemed	57					45
Total:	<b>829*</b>					

\*Not Cochrane



## Used databases:

- ◆ For database 1 and 2:
  - ◆ ISI Web of Science
  - ◆ CINAHL
  - ◆ PubMed
  - ◆ CSA (all in CSA)
- ◆
  - 3:
  - ◆ Svemed+, Libris, (Sverige)
  - ◆ Bibsys, (Norge)
  - ◆ DEF (Danmark)
  - ◆ Gegnir, (Island)
  - ◆ Stakes, Tekry (Finland)



# Search strategy for the "clean" database:

- ◆ The clean database "health promotion" as a descriptor/keyword, or as a Mesh-term in Pubmed, which use that system. Language English.

## **Health promotion**

*Health Promotion as a KW*

AND

*[A Nordic country (AD)]*

AND

*1985-2009*



## The "less clean" database:

- ◆ **First search strategy: Health + Ottawa-terms**
- ◆ *Empowerment*
- ◆ *Participatory*
- ◆ *Holistic*
- ◆ *Intersectoral*
- ◆ *Equity*
- ◆ *Equality*
- ◆ *Sustainable*
- ◆ *Multi Strategy....somewhere in the abstract*
- ◆ AND
- ◆ Health as Key Word
- ◆ AND
- ◆ [a Nordic country (Address/affiliation)]
- ◆ AND
- ◆ *1985-2009 (publishing year)*



## Some other health promotion terms in this database:

- ◆ **Combined with "health" as a "soft keyword", health promotion terms:**
- ◆ "Health literacy",
- ◆ "Social capital",
- ◆ "Cultural capital",
- ◆ "Social networks",
- ◆ "Social support",
- ◆ "Capacity building",
- ◆ "Impact assessment",
- ◆ "Needs assessment",
- ◆ "Self efficacy",
- ◆ "Social marketing",
- ◆ Wellness,
- ◆ Salutogenesis (searched as salutogen\* to cover all possibilities)



## The "grey" database

- ◆ Contains reports from different institutions and institutes, written in a Nordic language. Normally not peer reviewed. The material is collected from different library databases, like Libris in Sweden, which contain all material published in Sweden. The search is made on "health promotion" and "swedish" as language – the other two databases contain only material in English. The reason for using the English term "health promotion" is that the Swedish terms "hälsofrämjande", "hälsobefrämjande" or "hälsoarbete" gives no, or very few, hits.
- ◆ Used databases:
  - ◆ Swemed + (health promotion in Scandinavian languages)
  - ◆ Libris, Sweden (health promotion + svenska)
  - ◆ Bibsys, Norway (health promotion + norska x 2)
  - ◆ DEF, Denmark (health promotion + danska)
  - ◆ Stakes, Tekry, Finland: (health promotion + finska) still problems: not in tag-format
  - ◆ Gegnir, Iceland (health promotion + isländska) 19 found but still not collected: icelandic letters
- ◆ the three databases contains some 8000 health promotion oriented articles with address in some of the 5 Nordic countries

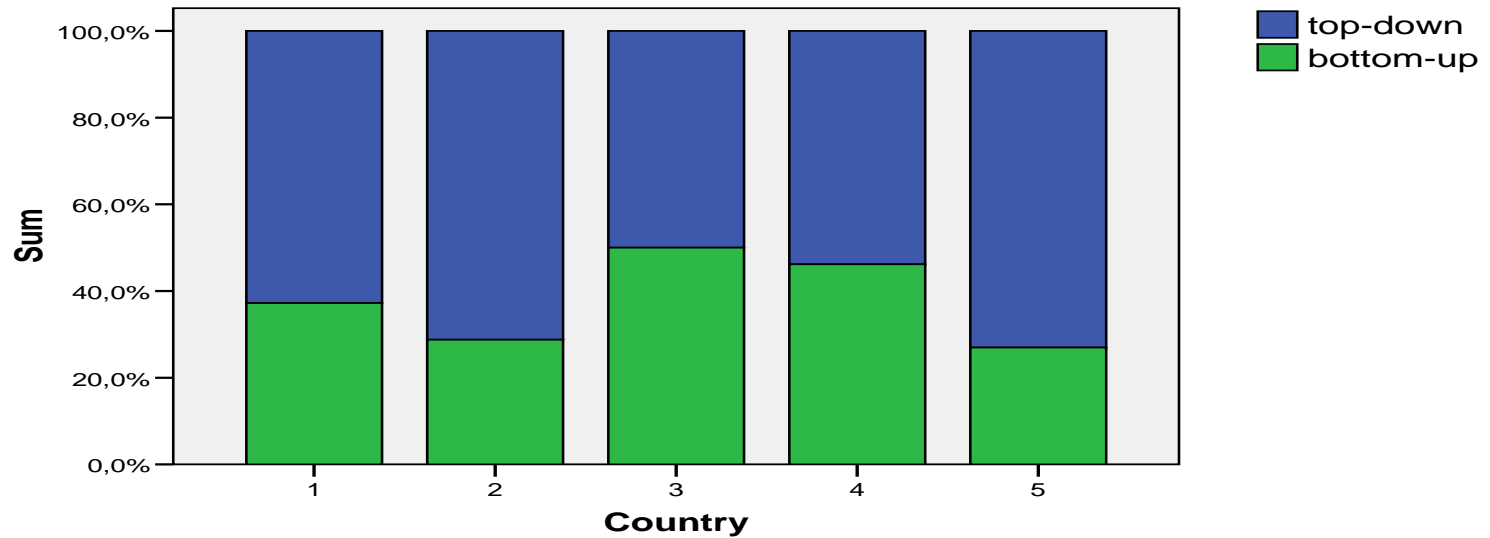


## So what use for it?

### Science studies at NHV: perspectives in Nordic HP research

(Thorpenberg, S. "Alcohol health promotion research and policy in the Nordic countries – a literature review 1986-2008", *Science Studies*, No 1, 2010)

**Perspective in Health Promotion Research in 5 Nordic Countries**

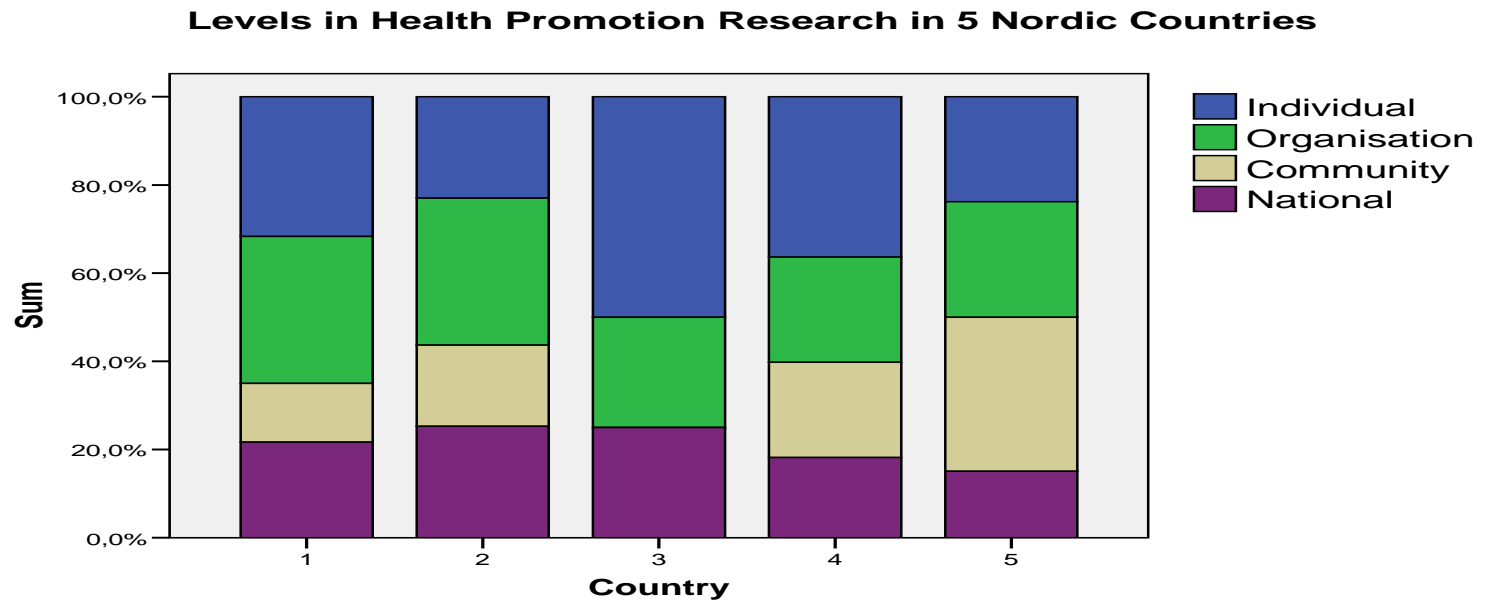


1=Denmark 2=Finland 3=Iceland 4=Norway 5=Sweden

Figure 1



Also different levels; "how to attack the problems"



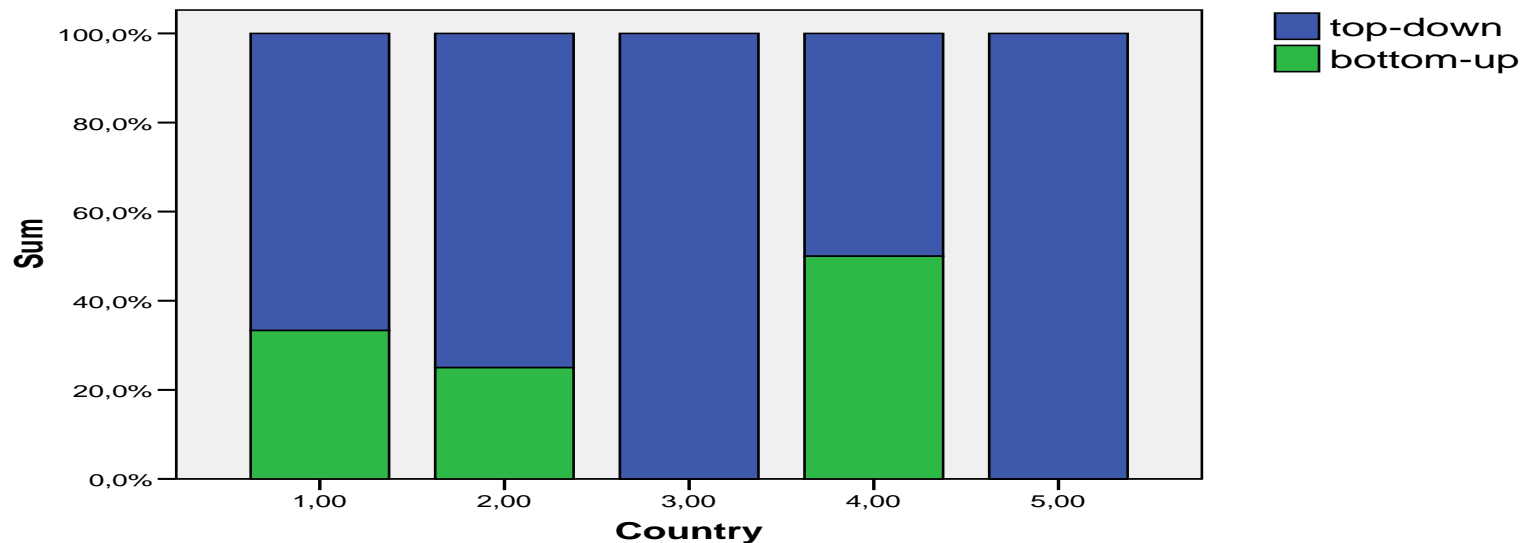
1=Denmark 2=Finland 3=Iceland 4=Norway 5=Sweden

Figure 2



# Small differences becomes large when more controversial issues are studied:

**Perspective in alcohol health promotion research in 5 Nordic countries**



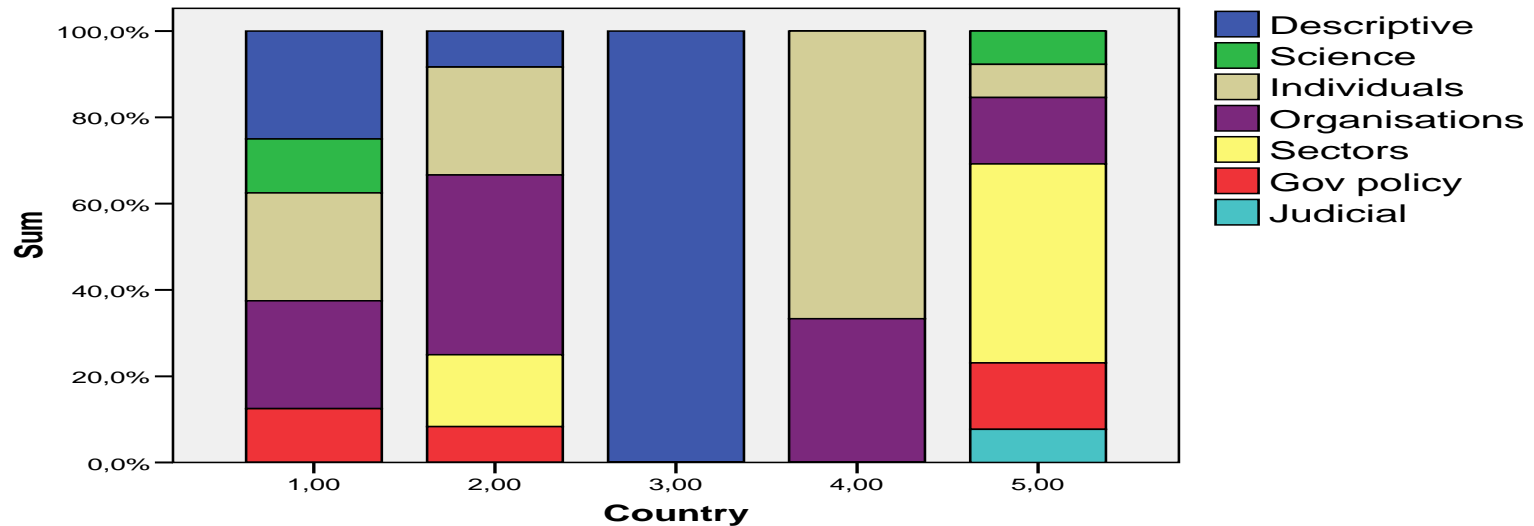
1=Denmark 2=Finland 3=Iceland 4=Norway 5=Sweden

Figure 3



# The relevance for this research is described differently in the Nordic countries:

Relevance in alcohol health promotion research in 5 Nordic countries



1=Denmark 2=Finland 3=Iceland 4=Norway 5=Sweden

Figure 4



# So the use for it?

- ◆ Gives opportunities to develop theories on the social function of, and the problems for, health promotion research
- ◆ Still a need to make the material available for personnel in the health sector. Copy rights problems still not solved
- ◆ Ongoing work for health management, universal design and physical activity

