



Documentation of search strategies University Library search consultation group

Date: October 2016

Topic/research question: Which health interventions on national, regional or local level regarding diet and physical activity have shown to be effective, i.e. lead to improved diet, increased physical activity, decreased sedentariness and decreased health inequalities?

Name of researcher(s): Helena Bergström, Institutionen för folkhälsovetenskap (PHS), K9

Librarian(s): Carl Gornitzki & Anders Wändahl

Databases (interface):

1. Medline (Ovid)
 2. Web of Science Core Collection
 3. Cinahl (Ebsco)
 4. Cochrane (Wiley)
 5. Embase (embase.com)
-

Total number of hits:

- Before deduplication:
 - Norden/Skandinavien: 7,793
 - Systematiska översikter: 6,013
 - After deduplication:
 - Norden/Skandinavien: 4,848
 - Systematiska översikter: 3,756
-

Comments:

- Part 1: Systematic reviews of intervention studies
- Part 2: Original intervention studies conducted in a Nordic country



1. Medline (Ovid)

<p>Date of Search: 2016-10-27</p> <p>Number of hits:</p> <ul style="list-style-type: none">• Norden/Skandinavien: 2,307• Systematiska översikter: 1,626 <p>Comments:</p>	<p>Field labels:</p> <p>adj3 = within three words</p> <p>exp = exploded MeSH term</p> <p>ti,ab,kf = title, abstract & keywords</p>
<p>1. exp Health Promotion/ 2. exp Health Education/ 3. exp Health Policy/ 4. exp Health Behavior/ 5. (health* adj3 (promot* or program* or campaign* or behav* or polic* or educat* or intervent*)).ti,ab,kf. 6. (chang* adj3 behav*).ti,ab,kf. 7. or/1-6</p> <p>8. exp Diet/ 9. exp Motor Activity/ 10. exp Exercise/ 11. exp Sedentary Lifestyle/ 12. (eating* or diet* or nutriti* or exercis* or obes* or locomotor activ* or physical activ* or training* or sedent* or inactiv*).ti,ab,kf. 13. or/8-12</p> <p>14. 7 and 13 15. limit 14 to english language</p> <p>16. limit 15 to yr="2006 -Current" 17. ((systematic adj2 review) or (meta-analysis or metaanalysis)).ti. 18. 16 and 17 19. remove duplicates from 18</p> <p>20. exp "Scandinavian and Nordic Countries"/ 21. (iceland* or norway* or norwegian* or denmark* or danish or danes or sweden* or swedish or swedes or finland or finnish or finns or nordic or scandinavi*).ti,ab,kf. 22. 20 or 21 23. 15 and 22 24. limit 23 to yr="2000 -Current" 25. remove duplicates from 24</p>	



2. Web of Science Core Collection

<p>Date of Search: 2016-10-27</p> <p>Number of hits:</p> <ul style="list-style-type: none">• Norden/Skandinavien: 1,700• Systematiska översikter: 1,366 <p>Comments:</p>	<p>Field labels:</p>
<p>#1 TOPIC: (health* NEAR/3 (promot* OR program* OR campaign* OR behav* OR polic* OR educat* OR intervent*)) OR TOPIC: (chang* NEAR/3 behav*)</p> <p>#2 TOPIC: ((eating* OR diet* OR nutriti* OR exercis* OR obes* OR "locomotor activ*" OR "physical activ*" OR training* OR sedent* OR inactiv*))</p> <p>#5 #2 AND #1 Refined by: LANGUAGES: (ENGLISH) AND PUBLICATION YEARS: (2015 OR 2014 OR 2013 OR 2016 OR 2012 OR 2011 OR 2010 OR 2009 OR 2008 OR 2007 OR 2006)</p> <p>#6 ((systematic NEAR/2 review) OR (meta-analysis or metaanalysis))</p> <p>#7 #6 AND #5</p> <p>#8 #2 AND #1 Refined by: LANGUAGES: (ENGLISH) AND PUBLICATION YEARS: (2015 OR 2014 OR 2013 OR 2016 OR 2012 OR 2011 OR 2010 OR 2009 OR 2008 OR 2007 OR 2006 OR 2005 OR 2004 OR 2003 OR 2002 OR 2001 OR 2000)</p> <p>#9 TS=(iceland* OR norway* OR norwegian* OR denmark* OR danish OR danes OR sweden* OR swedish OR swedes OR finland OR finnish OR finns OR nordic OR scandinavi*)</p> <p>#10 #9 AND #8</p>	



3. Ebsco (Cinahl)

Date of Search:		Field labels:	
Number of hits:			
<ul style="list-style-type: none"> Norden/Skandinavien: 1,009 Systematiska översikter: 566 			
Comments:			
#	Query	Limiters/Expanders	Results
S25	S22 OR S24	Search modes - Find all my search terms	1,009
S24	S20 AND S23	Search modes - Find all my search terms	889
S23	(MH "Scandinavia+")	Limiters - Published Date: 20000101-20161231 Search modes - Find all my search terms	32,992
S22	S20 AND S21	Search modes - Find all my search terms	612
S21	TI ((iceland* OR norway* OR norwegian* OR denmark* OR danish OR danes OR sweden* OR swedish OR swedes OR finland OR finnish OR finns OR nordic OR scandinavi*)) OR AB ((iceland* OR norway* OR norwegian* OR denmark* OR danish OR danes OR sweden* OR swedish OR swedes OR finland OR finnish OR finns OR nordic OR scandinavi*))	Limiters - Published Date: 20000101-20161231 Search modes - Find all my search terms	22,668
S20	S7 AND S14	Limiters - Published Date: 20000101-20161231 Narrow by Language: - english Search modes - Find all my search terms	39,989
S19	S17 AND S18	Search modes - Find all my search terms	566
S18	TI (systematic N2 review) OR (meta-analysis OR metaanalysis)	Limiters - Published Date: 20060101-20161231 Search modes - Find all my search terms	23,452
S17	S7 AND S14	Limiters - Published Date: 20060101-20161231 Narrow by Language: - english	30,559



		Search modes - Find all my search terms	
		Narrow by Language: - english	
S16	S7 AND S14	Search modes - Find all my search terms	45,746
S15	S7 AND S14	Search modes - Find all my search terms	47,248
S14	S8 OR S9 OR S10 OR S11 OR S12 OR S13	Search modes - Find all my search terms	312,796
S13	TI ((eating* OR diet* OR nutriti* OR exercis* OR obes* OR "locomotor activ*" OR "physical activ*" OR training* OR sedent* OR inactiv*)) OR AB ((eating* OR diet* OR nutriti* OR exercis* OR obes* OR "locomotor activ*" OR "physical activ*" OR training* OR sedent* OR inactiv*))	Search modes - Find all my search terms	253,964
S12	(MH "Life Style, Sedentary")	Search modes - Find all my search terms	3,017
S11	(MH "Exercise+")	Search modes - Find all my search terms	58,204
S10	(MH "Physical Activity")	Search modes - Find all my search terms	20,932
S9	(MH "Motor Activity+")	Search modes - Find all my search terms	4,563
S8	(MH "Diet+")	Search modes - Find all my search terms	56,213
S7	S1 OR S2 OR S3 OR S4 OR S5 OR S6	Search modes - Find all my search terms	255,153
S6	TI (chang* N3 behav*) OR AB (chang* N3 behav*)	Search modes - Find all my search terms	9,871
S5	TI ((health* N3 (promot* OR program* OR campaign* OR behav* OR polic* OR educat* OR intervent*))) OR AB ((health* N3 (promot* OR program* OR campaign* OR behav* OR polic* OR educat* OR intervent*)))	Search modes - Find all my search terms	80,598
S4	(MH "Health Behavior+")	Search modes - Find all my search terms	53,941
S3	(MH "Health Policy+")	Search modes - Find all my search terms	52,368
S2	(MH "Health Education+")	Search modes - Find all my search terms	80,811
S1	(MH "Health Promotion+")	Search modes - Find all my search terms	35,772



**Karolinska
Institutet**

search terms



4. Cochrane (Wiley)

<p>Date of Search:</p> <p>Number of hits:</p> <ul style="list-style-type: none">• Norden/Skandinavien:<ul style="list-style-type: none">○ Trials = 293• Systematiska översikter:<ul style="list-style-type: none">○ Cochrane Reviews = 442○ Other Reviews = 301 <p>Comments:</p>	<p>Field labels:</p>
<p>#1 (health* near/3 (promot* or program* or campaign* or behav* or polic* or educat* or intervent*)):ti,ab,kw (Word variations have been searched)27643</p> <p>#2 (chang* near/3 behav*):ti,ab,kw (Word variations have been searched) 5432</p> <p>#3 #1 or #2 30657</p> <p>#4 (eating* or diet* or nutriti* or exercis* or obes* or "locomotor activ*" or "physical activ*" or training* or sedent* or inactiv*):ti,ab,kw (Word variations have been searched) 148345</p> <p>#5 #3 and #4 12456</p> <p>#6 (iceland* or norway* or norwegian* or denmark* or danish or danes or sweden* or swedish or swedes or finland or finnish or finns or nordic or scandinavi*):ti or (iceland* or norway* or norwegian* or denmark* or danish or danes or sweden* or swedish or swedes or finland or finnish or finns or nordic or scandinavi*):ab (Word variations have been searched) 11404</p> <p>#7 #5 and #6 Publication Year from 2000 to 2016 314</p> <p>#8 #5 and Publication Year from 2006 to 2016</p>	



5. Embase (embase.com)

<p>Date of Search: 2016-10-28</p> <p>Number of hits:</p> <ul style="list-style-type: none"> • Norden/Skandinavien: 2,484 • Systematiska översikter: 1,712 <p>Comments:</p>	<p>Field labels:</p>																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">No.</th> <th style="text-align: right;">Results</th> </tr> </thead> <tbody> <tr> <td>Query</td> <td style="text-align: right;">2,484</td> </tr> <tr> <td>#23 #19 AND #22</td> <td style="text-align: right;">276,926</td> </tr> <tr> <td>#22 #20 OR #21</td> <td style="text-align: right;">212,014</td> </tr> <tr> <td>#21 iceland*:ti,ab OR norway*:ti,ab OR norwegian*:ti,ab OR denmark*:ti,ab OR danish:ti,ab OR danes:ti,ab OR sweden*:ti,ab OR swedish:ti,ab OR swedes:ti,ab OR finland:ti,ab OR finnish:ti,ab OR finns:ti,ab OR nordic:ti,ab OR scandinavi*:ti,ab</td> <td style="text-align: right;">175,797</td> </tr> <tr> <td>#20 'scandinavia'/exp</td> <td style="text-align: right;">100,541</td> </tr> <tr> <td>#19 #15 AND (2000:py OR 2001:py OR 2002:py OR 2003:py OR 2004:py OR 2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py)</td> <td style="text-align: right;">1,712</td> </tr> <tr> <td>#18 #16 AND #17</td> <td style="text-align: right;">118,326</td> </tr> <tr> <td>#17 (systematic NEAR/2 review):ti OR 'meta analysis':ti OR metaanalysis:ti</td> <td style="text-align: right;">83,404</td> </tr> <tr> <td>#16 #15 AND (2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py)</td> <td style="text-align: right;">115,924</td> </tr> <tr> <td>#15 #7 AND #13 AND [english]/lim</td> <td style="text-align: right;">125,704</td> </tr> <tr> <td>#14</td> <td></td> </tr> </tbody> </table>		No.	Results	Query	2,484	#23 #19 AND #22	276,926	#22 #20 OR #21	212,014	#21 iceland*:ti,ab OR norway*:ti,ab OR norwegian*:ti,ab OR denmark*:ti,ab OR danish:ti,ab OR danes:ti,ab OR sweden*:ti,ab OR swedish:ti,ab OR swedes:ti,ab OR finland:ti,ab OR finnish:ti,ab OR finns:ti,ab OR nordic:ti,ab OR scandinavi*:ti,ab	175,797	#20 'scandinavia'/exp	100,541	#19 #15 AND (2000:py OR 2001:py OR 2002:py OR 2003:py OR 2004:py OR 2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py)	1,712	#18 #16 AND #17	118,326	#17 (systematic NEAR/2 review):ti OR 'meta analysis':ti OR metaanalysis:ti	83,404	#16 #15 AND (2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py)	115,924	#15 #7 AND #13 AND [english]/lim	125,704	#14	
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#21 iceland*:ti,ab OR norway*:ti,ab OR norwegian*:ti,ab OR denmark*:ti,ab OR danish:ti,ab OR danes:ti,ab OR sweden*:ti,ab OR swedish:ti,ab OR swedes:ti,ab OR finland:ti,ab OR finnish:ti,ab OR finns:ti,ab OR nordic:ti,ab OR scandinavi*:ti,ab	175,797																								
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#19 #15 AND (2000:py OR 2001:py OR 2002:py OR 2003:py OR 2004:py OR 2005:py OR 2006:py OR 2007:py OR 2008:py OR 2009:py OR 2010:py OR 2011:py OR 2012:py OR 2013:py OR 2014:py OR 2015:py OR 2016:py OR 2017:py)	1,712																								
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#15 #7 AND #13 AND [english]/lim	125,704																								
#14																									



#7 AND #13	1,825,291
#13	
#8 OR #9 OR #10 OR #11 OR #12	1,100,616
#12	
eating*:ti,ab OR diet*:ti,ab OR nutriti*:ti,ab OR exercis*:ti,ab OR obes*:ti,ab OR locomotor:ti,ab AND activ*:ti,ab OR physical:ti,ab AND activ*:ti,ab OR training*:ti,ab OR sedent*:ti,ab OR inactiv*:ti,ab	7,964
#11	
'sedentary lifestyle'/exp	262,419
#10	
'exercise'/exp	436,697
#9	
'motor activity'/exp	259,647
#8	
'diet'/exp	825,758
#7	
#1 OR #2 OR #3 OR #4 OR #5 OR #6	57,300
#6	
(chang* NEAR/3 behav*):ti,ab	203,665
#5	
(health* NEAR/3 (promot* OR program* OR campaign* OR behav* OR polic* OR educat* OR intervent)):ti,ab	315,000
#4	
'health behavior'/exp	162,174
#3	
'health care policy'/exp	267,289
#2	
'health education'/exp	79,406