

Query language and specialist searching: systematic reviews

Following these notes is a set of queries constructed for a systematic review commissioned by the Department for Culture, Media and Sport from the Evidence for Policy and Practice Information and Co-ordinating Centre (EPPI-Centre), Institute of Education, University of London. The relevant reference is:

Tripney, J., Newman, M., Bird, K., Thomas, J., Kalra, N., Bangpan, M., Vigurs, C. (2010) *Understanding the drivers, impact and value of engagement in culture and sport: Technical report for the systematic review and database*. London: EPPI-Centre, Institute of Education, University of London.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/88448/CASE-systematic-review-technical-report-July10.pdf

Systematic reviews aim for exhaustive, unbiased coverage, to provide as solid a foundation as possible for decision making. They are widely used to support policy making, and the development of best practice protocols in medicine. “Evidence-based medicine” relies heavily on systematic reviews, conducted by such organisations as the Cochrane Collaboration. A systematic review can take many months to carry out. The queries below are the final queries, i.e., these queries will have been laboriously built up through many iterations of composing, trying out, editing, using different operators or features of various query languages, to arrive at a set of queries that, at that time, would retrieve the maximal set of relevant results. Nevertheless, much screening and filtering of results would still have been necessary in order to compose the final review.

For this review, major online bibliographic databases were searched, as authoritative evidence was required. A general Web search engine would have yielded too much noise and may not have covered specialist literature. Each service offering access to a database has its own query language (Two services may thus each have a different query language for the same database, however we set this issue aside here). In ASSIA, KW is ‘keyword’; DE is ‘descriptor’: an item from a *controlled vocabulary* used to index entries; ‘*’ is a truncation operator: it expands a search term to include forms of a root word; AB is ‘abstract’; ‘near’ is an adjacency operator. In IBSS, TX is ‘full text’. In SSCI, TS is ‘topic’; TI is ‘title’. The Econlit query language allows manipulation of sets in the search history: each query returns a set of results which is numbered; a subsequent query can then refer to previously numbered sets, see for example the sequence of queries over sets:

9. 4 or 1 or 3 or 2

10. 6 or 5

11. 9 and 10

Econlit also allows the search to be constrained to a list of fields (see the use of ‘.mp’), to a temporal range, etc.

MEDLINE queries: A prefix ‘*’ indicates that you want the prefixed term to be the focus of the document (as opposed to just mentioned in passing); a trailing ‘/’ indicates that the term is a controlled MeSH term (Medical Subject Headings); an inverted compound term as in “libraries, hospital” also indicates usage of a controlled vocabulary term; ‘exp’ is the explode command, which does query expansion using MeSH terms (e.g. asking for ‘asthma/’ is different from asking for ‘exp asthma/’, as the latter would include MeSH terms such as ‘asthma in children’, ‘occupational asthma’, etc. Using ‘ti’ restricts to titles, using ‘tw’ restricts to titles and abstracts. You will see use of an adjacency operator in some queries, e.g. ‘adj5’.

Look at the queries used for the above systematic review that follow, and ask yourself if you are using appropriate search facilities to research the background literature for your final year project...

Applied Social Sciences Index and Abstracts (ASSIA)

((((KW=(engage* or participat* or visit* or access* or aware* or join* or volunteer* or attend* or watch* or listen* or perform* or rehears* or creat* or member* or campaign* or archive* or collect* or produc*)) or(KW=((go to) or (going to) or (take part) or (taking part) or (decision making))) or(KW=(effect* OR impact* OR value* OR benefit* OR implication* OR advantage* OR disadvantage OR disadvantages or factor* or reason* or barrier* or facilitator*))))

and

((DE=("sports" or "archery" or "athletics" or "baseball" or "basketball" or "wheelchair basketball" or "bat and ball games" or "bowls" or "boxing" or "climbing" or "rock climbing" or "abseiling" or "competitive sports" or "cricket" or "endurance sports" or "extreme sports" or "figure skating" or "football" or "american football" or "rugby" or "quad rugby" or "golf" or "miniature golf" or "gymnastics" or "acrobatics" or "handball" or "hang gliding" or "hockey" or "ice hockey" or "ice skating" or "international sports" or "martial arts" or "ju jitsu" or "karate" or "tai chi" or "mountaineering" or "netball" or "olympic games" or "orienteering" or "racing" or "cycle racing" or "horse racing" or "rollerblading" or "running" or "skiing" or "snowboarding" or "squash" or "team sports" or "tennis" or "volleyball" or "watersports" or "kayaking" or "sea kayaking" or "rowing" or "sailing" or "swimming" or "white water rafting" or "windsurfing" or "wrestling") or(DE="culture") or(DE="arts") or(DE=("art" or "aboriginal art" or "contemporary art" or "drawings" or "cartoons" or "computer drawings" or "figure drawings" or "line drawings" or "paintings" or "impressionistic paintings" or "post impressionistic paintings" or "nature paintings" or "nude paintings" or "portraits" or "selfportraits" or "postmodern art" or "public art" or "ritual art" or "street art") or(DE="plays") or(DE=("films" or "documentary films" or "educational films" or "erotic films" or "gangster films" or "horror films" or "silent films" or "suspense films" or "war films" or "western films")) or(DE="literature") or(DE="concerts")) or(DE=("culture" or "popular culture" or "traditions")) or (DE=("museums" or "archives" or "libraries" or "heritage"))))

OR

(((((AB=(sport* OR swimming OR diving OR cycling OR BMX OR cyclo-cross OR biking OR bowls OR bowling OR aerobics OR gym OR judo OR karate OR taekwando OR taekwondo OR self-defence OR tai chi OR weight training OR body building OR weightlifting OR gymnastics OR snooker OR pool OR billiards OR darts OR rugby OR football OR camogie OR hurling OR handball OR shinty OR cricket OR hockey OR archery OR baseball OR softball OR netball OR tennis OR badminton OR squash OR basketball OR athletics OR jogging OR cross-country OR running OR angling OR fishing OR yachting OR sailing OR canoeing OR windsurfing OR boardsailing OR skating OR curling OR golf OR skiing OR horse riding OR climbing OR mountaineering OR trekking OR shooting OR volleyball OR orienteering OR rounders OR rowing OR triathlon OR boxing OR waterskiing OR lacrosse OR fencing OR yoga)) OR AB=(dance exercise) OR (keep fit) OR (motor sports) OR (pitch and putt) OR (tae kwon do) OR (martial arts))) or(AB=("museum" or "museums" or "gallery" or "galleries" or "library" or "libraries" or "archive" or "archives" or "heritage")) or(AB=((historic* city) or (historic* town) or (historic* building) or (historic* park) or (historic* garden) or (historic* landscape) or (historic* transport system) or (historic* place of worship) or (archaeological site) or (heritage site) or (historic* interest) or (historic* place) or (historic* space) or (historic* environment) or (historic* site) or (furniture making) or (jewellery making))) or(AB=(monument or castle* or ruin* or photography or sculpture* or video* or festival* or drama* or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or painting* or drawing* or printmaking or animation* or textile* or craft* or calligraphy or pottery or poetry)))

near

((AB=(engage* or participat* or visit* or access* or aware* or join* or volunteer* or attend* or

watch* or listen* or perform* or rehears* or play* or writ* or make or making or makes or creat* or buy* or member* or campaign* or teach or teaching or instruct* or train* or archive* or document* or collect* or produc*) or (AB=((go to) or (going to) or (take part) or (taking part) or (decision making))) or(AB=(effect* OR impact* OR value* OR benefit* OR implication* OR advantage* OR disadvantage OR disadvantages or factor* or reason* or barrier* or facilitator*))))

International Bibliography of the Social Sciences (IBSS)

((TX "Keep Fit" OR TX "aerobics" OR TX "swimming" OR TX "diving" OR TX "cycling" OR TX "biking" OR TX "bowls" OR TX "bowling" OR TX "gym" OR TX "judo" OR TX "karate" OR TX "taekwondo" OR TX "tai chi" OR TX "weight training" OR TX "weightlifting" OR TX "body building" OR TX "gymnastics" OR TX "snooker" OR TX "pool" OR TX "billiards" OR TX "darts" OR TX "rugby" OR TX "camogie" OR TX "hurling" OR TX "handball" OR TX "shinty" OR TX "cricket" OR TX "hockey" OR TX "softball" OR TX "netball" OR TX "tennis" OR TX "badminton" OR TX "squash" OR TX "basketball" OR TX "athletics" OR TX "jogging" OR TX "cross-country" OR TX "running" OR TX "yachting" OR TX "sailing" OR TX "canoeing" OR TX "windsurfing" OR TX "skating" OR TX "curling" OR TX "golf" OR TX "putt" OR TX "climbing" OR TX "trekking" OR TX "motor sports" OR TX "shooting" OR TX "volley ball" OR TX "orienteering" OR TX "rounders" OR TX "rowing" OR TX "triathlon" OR TX "boxing" OR TX "waterskiing" OR TX "lacrosse" OR TX "fencing" OR DE "Sport games" OR DE "Ball games" OR DE "Olympic Games" or DE "Sports" OR DE "Equestrian sport" OR DE "Football" OR DE "Baseball" OR DE "Racing" OR DE "Skis" OR DE "Martial arts" OR DE "Archery" OR DE "Fishing" OR DE "Yoga")

OR (DE "Culture" or DE "Museums" or DE "Visual culture" or DE "Cultural behaviour" OR DE "Cultural areas" OR DE "Cultural property" OR DE "Cultural heritage" OR DE "Preservation of cultural heritage" or DE "Cultural life" OR DE "Cultural environment" OR DE "Cultural exhibitions" OR DE "Cultural expenditure" OR DE "Cultural industry" OR DE "Cultural practices" OR DE "Popular culture" or DE "Popular literature" or DE "Popular music" or DE "Popular poetry" or DE "Popular theatre" OR DE "Archaeological museums" OR DE "Art museums" OR DE "Ethnographic museums" OR DE "Galleries" OR DE "Historical museums" OR DE "Municipal museums" OR DE "Museum acquisitions" OR DE "Museum collections" OR DE "Museum objects" OR DE "National museums" OR DE "Natural history museums" OR DE "Open air museums" OR DE "Regional museums" OR DE "Science museums" OR DE "Libraries" OR DE "Map library" OR DE "Record library" OR DE "historical monuments" OR DE "historical sites" or DE "Archaeological collections" or DE "Archaeological exhibitions" or DE "Archaeological sites" OR DE "Galleries" OR DE "Arts" OR DE "Art" OR DE "Performing arts" OR DE "Visual arts" OR DE "Sculpture and carving" OR DE "Music" OR DE "Ancient music" OR DE "Choral music" OR DE "Classical music" OR DE "Contemporary music" OR DE "Dance music" OR DE "Opera" OR DE "Folk music" OR DE "Instrumental music" OR DE "Modern music" OR DE "Orchestras" OR DE "Pop music" OR DE "Reggae" OR DE "Religious music" OR DE "Ritual music" OR DE "Rock music" OR DE "Traditional music" OR DE "Vocal music" OR DE "Musical instruments" OR DE "Songs" Or DE "Dance" OR DE "Ballet" OR DE "Folk dance" OR DE "Modern dance" OR DE "Traditional dance" OR DE "Literature" OR DE "Classical literature" OR DE "Contemporary literature" OR DE "Drama" OR DE "Folk literature" OR DE "Literary works" OR DE "Novels" OR DE "Oral literature" OR DE "Poem" OR DE "Poetry" OR DE "Popular literature" OR DE "Prose" OR DE "Traditional literature" OR DE "Theatre" OR DE "Ancient theatre" OR DE "Classical theatre" OR DE "Contemporary theatre" OR DE "Mime" OR DE "National theatre" OR DE "Open air theatre" OR DE "Popular theatre" OR DE "Puppet theatre" OR DE "Shadow theatre" OR DE "Traditional theatre" OR DE "Visual arts" OR DE "Fine arts" OR DE "Graphic arts" OR DE

"Iconography" OR DE "Textile arts" OR DE "Photography" OR DE "Batik" OR DE "Embroidery" OR DE "Wood-carving" OR DE "Pottery" or DE "Ceramics" OR DE "Calligraphy" OR DE "Jewellery" OR DE "Painting" OR DE "Drawing" OR DE "Carnivals" OR DE "Festivals"))

and

((DE "Engagement" or DE "Access to culture" or DE "Cultural barriers" or DE "Creativity" OR DE "Creative work" or DE "Consumption" OR DE "Cultural consumption" OR DE "Performance" OR DE "Individual performance" OR DE "Theatrical performance" OR DE "Musical performances") OR (TX participat* OR attend* OR access OR visit* OR create OR creates OR watch* OR volunteer* OR listen* OR join Or joins OR conserve OR aware* OR play OR plays OR write OR teach OR buy* OR member* OR campaign* OR coach* OR instruct OR train* OR archive OR document OR collect OR rehearse OR make OR produce) OR (TX effect* OR impact* OR value* OR benefit* OR implication* OR advantage* OR disadvantage OR disadvantages or factor* or reason* or barrier* or facilitator*) OR (TX "take part" OR "taking part"))

Social Science Citation Index (SSCI) and Arts and Humanities Citation Index (AHCI)

TS= (engage* or participat* OR attend* OR access OR visit* OR create OR watch* OR volunteer* OR listen* OR join OR conserve OR aware* OR play OR teach OR produce Or perform)

and

(TI =(Sport or "swimming" OR "diving" OR "cycling" OR "BMX" OR "cyclo-cross" OR "biking" OR "bowls" OR "bowling" OR "keep fit" OR "aerobics" OR "dance exercise" OR "gym" OR "judo" OR "karate" OR "taekwando" OR "martial arts" OR "self-defence" OR "tai chi" OR "weight training" OR "body building" OR "weightlifting" OR "gymnastics" OR "snooker" OR "pool" OR "billiards" OR "darts" OR "rugby" OR "football" OR "camogie" OR "hurling" OR "handball" OR "shinty" OR "cricket" OR "hockey" OR "archery" OR "baseball" OR "softball" OR "netball" OR "tennis" OR "badminton" OR "squash" OR "basketball" OR "athletics" OR "jogging" OR "cross-country" OR "running" OR "angling" OR "fishing" OR "yachting" OR "sailing" OR "canoeing" OR "windsurfing" OR "boardsailing" OR "skating" OR "curling" OR "golf" OR "pitch and putt" OR "skiing" OR "horse riding" OR "climbing" OR "mountaineering" OR "trekking" OR "motor sports" OR "shooting" OR "volleyball" OR "orienteering" OR "rounders" OR "rowing" OR "triathlon" OR "boxing" OR "waterskiing" OR "lacrosse" OR "fencing" OR "yoga")) OR (TI= (culture or art or arts or museums or libraries or archives or galleries or heritage or (historic* city) or (historic* town) or (historic* building) or (historic* park) or (historic* garden) or (historic* landscape) or (historic* transport system) or (historic* place of worship) or (archaeological site) or (heritage site) or (historic* interest) or (historic* place) or (historic* space) or (historic* environment) or (historic* site) or (furniture making) or (jewellery making) or monument or castle* or ruin* or photography or sculpture* or video* or festival* or drama* or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or instrument or orchestra or painting* or drawing* or printmaking or film* or animation* or textile* or craft* or calligraphy or pottery or story or stories or poetry))

British Humanities Index (BHI)

(DE=("heritage" or "culture" or "archives" or "art" or "arts" or "athletes" or "athletics" or "badminton game" or "baseball" or "basketball" or "bicycle racing" or "body building" or "bowls game" or "boxing" or "curling" or "darts" or "drama" or "fencing" or "football" or "golf" or

"hockey" or "horseracing" or "horseriding" or "ice hockey" or "ice skating" or "kabadi" or "libraries" or "martial arts" or "music" or "parachuting" or "performing arts" or "polo" or "rock climbing" or "roller skating" or "rugby football" or "running" or "shooting" or "skiing" or "skydiving" or "snooker" or "sports" or "squash" or "tennis" or "theatre" or "volleyball" or "watersports" or "weightlifting" or "winter sports"))

and

(AB=("engagement" or "participate" or "visit" or "access" or "aware" or "join" or "volunteer" or "attend" or "watch" or "listen" or "perform" or "rehearse" or "play" or "write" or "create" or "purchase" or "member" or "campaign" or "teach" or "instruct" or "document" or "collect" or "produce" or "study" or "impact" or "involvement" or "go to" or "going to" or "take part" or "taking part" or "decision making" or "effect" or "value"))

Econlit

1 (engage or participate or visit or access or aware or join or volunteer or attend or watch or listen or perform or rehearse or play or write or make or create or buy or member or campaign or teach or instruct or train or archive or document or collect or produce).mp. [mp=heading words, abstract, title, country as subject] (69996)

2 limit 1 to yr="1997 -Current" (57999)

3 (effect or value or impact).mp. [mp=heading words, abstract, title, country as subject] (128620)

4 limit 3 to yr="1997 -Current" (96143)

5 1 or 3 (180875)

6 (sport or culture or art or arts or museums or libraries or archives or galleries or heritage).mp. [mp=heading words, abstract, title, country as subject] (12439)

7 limit 6 to yr="1997 -Current" (9723)

8 (sport* or culture or art* or museum* or librar* or archive* or galler* or heritage).mp. [mp=heading words, abstract, title, country as subject] (80436)

9 limit 8 to yr="1997 -Current" (59389)

10 9 and 5 (17925)

11 7 and 5 (2781)

12 limit 11 to (yr="1997 -Current" and English) (2440)

13 from 12 keep 1-2440 (2440)

ERIC

(AB=("engagement" or "participate" or "visit" or "access" or "aware" or "join" or "volunteer" or "attend" or "watch" or "listen" or "perform" or "rehearse" or "play" or "write" or "create" or "purchase" or "member" or "campaign" or "teach" or "instruct" or "document" or "collect" or "produce" or "study" or "impact" or "involvement" or "go to" or "going to" or "take part" or "taking part" or "decision making" or "effect" or "value"))

and

(DE=("theatre arts" or "aquatic sports" or "archives" or "art" or "art history" or "athletics" or "culture" or "dance" or "drama" or "fine arts" or "folk culture" or "historic sites" or "libraries" or "museums" or "music" or "painting visual arts" or "public libraries" or "racquet sports" or "recreational activities" or "sports" or "animation"))

MEDLINE

Set A: culture and engagement

1. *Culture/
2. *art/ or *paintings/ or *sculpture/
3. exp *libraries/ or exp *libraries, dental/ or exp *libraries, digital/ or exp *libraries, hospital/ or exp *libraries, medical/ or exp *"national library of medicine (u.s.)"/ or exp *libraries, nursing/
4. exp *archives/ or exp *museums/
5. engagement.mp.
6. participat*.mp.
7. ((visit* or access or aware* or volunteer* or attend* or watch* or listen* or rehears* or campaign* or 'go to' or 'tak* part') adj5 (monument or castle* or ruin* or photography or video* or festival* or drama or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or drawing* or printmaking or film* or animation* or textile* or craft* or calligraphy or pottery or story or stories or poetry or historic* city or historic* town or historic* building or historic* park or historic* garden or historic* landscape or historic* transport system or historic* place of worship or archaeological site or heritage site or historic* interest or historic* place or historic* space or historic* environment or historic* site or furniture making or jewellery making or galleries or gallery or heritag*)).tw.
8. ((visit* or access or aware* or volunteer* or attend* or watch* or listen* or rehears* or campaign* or 'go to' or 'tak* part') adj5 (culture or art or arts)).ti,ab.
9. 4 or 1 or 3 or 2
10. 6 or 5
11. 9 and 10
12. ((engagement or participate*) adj5 (monument or castle* or ruin* or photography or video* or festival* or drama or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or drawing* or printmaking or film* or animation* or textile* or craft* or calligraphy or pottery or story or stories or poetry or historic* city or historic* town or historic* building or historic* park or historic* garden or historic* landscape or historic* transport system or historic* place of worship or archaeological site or heritage site or historic* interest or historic* place or historic* space or historic* environment or historic* site or furniture making or jewellery making or galleries or gallery or heritag*)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
13. ((visit* or access or aware* or volunteer* or attend* or watch* or listen* or rehears* or campaign* or 'go to' or 'tak* part') adj5 (painting or sculpture or library or libraries or archives or museums or archive or museum)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
14. 8 or 11 or 7 or 12 or 13

Set B Culture and Impact

1. *Culture/
2. *art/ or *paintings/ or *sculpture/
3. exp *libraries/ or exp *libraries, dental/ or exp *libraries, digital/ or exp *libraries, hospital/ or exp *libraries, medical/ or exp *"national library of medicine (u.s.)"/ or exp *libraries, nursing/
4. exp *archives/ or exp *museums/
5. (impact adj5 (monument or castle* or ruin* or photography or video* or festival* or drama or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or drawing* or printmaking or film* or animation* or

- textile* or craft* or calligraphy or pottery or story or stories or poetry)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
6. (benefit* adj5 (monument or castle* or ruin* or photography or video* or festival* or drama or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or drawing* or printmaking or film* or animation* or textile* or craft* or calligraphy or pottery or story or stories or poetry)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
7. (effect adj5 (monument or castle* or ruin* or photography or video* or festival* or drama or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or drawing* or printmaking or film* or animation* or textile* or craft* or calligraphy or pottery or story or stories or poetry)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
8. (value adj5 (monument or castle* or ruin* or photography or video* or festival* or drama or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or drawing* or printmaking or film* or animation* or textile* or craft* or calligraphy or pottery or story or stories or poetry)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
9. (economic adj5 (monument or castle* or ruin* or photography or video* or festival* or drama or theatr* or musical* or pantomime* or opera or operas or music* or jazz or ballet* or dance* or dancing or songs or singing or orchestra or drawing* or printmaking or film* or animation* or textile* or craft* or calligraphy or pottery or story or stories or poetry)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
10. ((impact or value or benefit or economic) adj5 (art or arts or culture)).ti.
11. ((effect or impact or value or benefit or economic) adj5 (historic* city or historic* town or historic* building or historic* park or historic* garden or historic* landscape or historic* transport system or historic* place of worship or archaeological site or heritage site or historic* interest or historic* place or historic* space or historic* environment or historic* site or furniture making or jewellery making)).tw.
12. ((effect or impact or value or benefit or economic) adj5 (galleries or gallery or heritage*)).tw.
13. (effect or impact or value or benefit or economic).ti.
14. 4 or 1 or 3 or 2
15. 14 and 13
16. 6 or 11 or 7 or 9 or 12 or 15 or 8 or 10 or 5

Set C: Sport and engagement

1. engagement.mp.
2. participat*.mp.
3. 2 or 1
4. (sport or sports).mp. [mp=title, original title, abstract, name of substance word, subject heading word]
5. ((engagement or participat* or visit* or access or aware* or volunteer* or attend* or watch* or listen* or rehears* or campaign* or 'go to' or 'tak* part') adj5 ("cycling" or "BMX" or "cyclo-cross" or "biking" or "bowls" or "bowling" or "keep fit" or "aerobics" or "dance exercise" or "gym" or "judo" or "karate" or "taekwondo" or "taekwondo" or "tae kwon do" or "self-defence" or "weight training" or "body building" or "weightlifting" or "snooker" or "pool" or "billiards" or "darts" or "rugby" or "camogie" or "hurling" or "handball" or "shinty" or "cricket" or "archery" or "softball" or "netball" or "badminton" or "squash" or "cross-country" or "angling" or "fishing" or "yachting" or "sailing" or "canoeing" or "windsurfing" or "boardsailing" or "curling" or "pitch and putt" or "horse riding" or "climbing" or "trekking" or "motor sports" or "shooting" or

"orienteering" or "rounders" or "rowing" or "triathlon" or "waterskiing" or "lacrosse" or "fencing" or "yoga" or sport or sports)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]

6. (exp *dancing/ or exp *sports/ or exp *athletic performance/ or exp *baseball/ or exp *basketball/ or exp *bicycling/ or exp *boxing/ or exp *football/ or exp *golf/ or exp *gymnastics/ or exp *hockey/ or exp *martial arts/ or exp *tai ji/ or exp *mountaineering/ or exp *racquet sports/ or exp *tennis/ or exp *running/ or exp *jogging/ or exp *skating/ or exp *snow sports/ or exp *skiing/ or exp *soccer/ or exp *swimming/ or exp *diving/ or exp *"track and field"/ or exp *volleyball/ or exp *walking/ or exp *weight lifting/ or exp *wrestling/ or exp *sunbathing/ or exp survival/) not exercise*.tw.

7. 6 and 3

8. (visit* or access or aware* or volunteer* or attend* or watch* or listen* or rehears* or campaign* or 'go to' or 'tak* part).ab,ti.

9. 8 and 6

10. 7 or 9 or 5

Set D: Sport and impact

1. ((effect or impact or benefit* or effect or value or economic) adj5 ("cycling" or "BMX" or "cyclo-cross" or "biking" or "bowls" or "bowling" or "keep fit" or "aerobics" or "dance exercise" or "gym" or "judo" or "karate" or "taekwondo" or "taekwondo" or "tae kwon do" or "self-defence" or "weight training" or "body building" or "weightlifting" or "snooker" or "pool" or "billiards" or "darts" or "rugby" or "camogie" or "hurling" or "handball" or "shinty" or "cricket" or "archery" or "softball" or "netball" or "badminton" or "squash" or "cross-country" or "angling" or "fishing" or "yachting" or "sailing" or "canoeing" or "windsurfing" or "boardsailing" or "curling" or "pitch and putt" or "horse riding" or "climbing" or "trekking" or "motor sports" or "shooting" or "orienteering" or "rounders" or "rowing" or "triathlon" or "waterskiing" or "lacrosse" or "fencing" or "yoga")).mp. [mp=title, original title, abstract, name of substance word, subject heading word]

2. (effect or impact or benefit* or value or economic).ti.

3. (exp *dancing/ or exp *sports/ or exp *athletic performance/ or exp *baseball/ or exp *basketball/ or exp *bicycling/ or exp *boxing/ or exp *football/ or exp *golf/ or exp *gymnastics/ or exp *hockey/ or exp *martial arts/ or exp *tai ji/ or exp *mountaineering/ or exp *racquet sports/ or exp *tennis/ or exp *running/ or exp *jogging/ or exp *skating/ or exp *snow sports/ or exp *skiing/ or exp *soccer/ or exp *swimming/ or exp *diving/ or exp *"track and field"/ or exp *volleyball/ or exp *walking/ or exp *weight lifting/ or exp *wrestling/ or exp *sunbathing/ or exp survival/) not exercise*.tw.

4. ((effect or impact or benefit* or effect or value or economic) adj5 (sport or sports)).mp. [mp=title, original title, abstract, name of substance word, subject heading word]

5. 3 and 2

6. 5 or 1 or 4