

Violence against women and girls toolkit: Methods

Theo Lorenc, Michelle Richardson, Helen Fulbright
Katy Sutcliffe, Amanda Sowden and James Thomas

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Authors:

Theo Lorenc, Michelle Richardson, Helen Fulbright
Katy Sutcliffe, Amanda Sowden and James Thomas

Authors

Theo Lorenc (Centre for Reviews and Dissemination, University of York)
Michelle Richardson (EPPI Centre, University College London)
Helen Fulbright (Centre for Reviews and Dissemination, University of York)
Katy Sutcliffe (EPPI Centre, University College London)
Amanda Sowden (Centre for Reviews and Dissemination, University of York)
James Thomas (EPPI Centre, University College London)

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Contributions

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Violence against women and girls toolkit: Methods

This document briefly describes the methods used for the violence against women and girls (VAWG) toolkit, including how data was located and analysed, and how the summary estimates for the front page of the toolkit were produced.

Searching

The aim of the literature search was to identify systematic reviews or economic studies on violence against women and girls. A search strategy was designed in Ovid MEDLINE by an Information Specialist in consultation with the review team. The strategy used search terms to represent the following concepts: violence against women and girls; OECD countries; systematic reviews; and economic studies. Text word searches for terms appearing in the title, abstract or keyword fields of database records were included in the strategy alongside searches of relevant subject headings. The strategy used a geographic filter to limit papers to OECD countries and limits to English language papers. A date limit of 2013-Current was applied to the search.

The final MEDLINE strategy was adapted with relevant subject headings (controlled vocabularies) and search syntax, appropriate to each resource. The results of the databases were de-duplicated in EndNote 20. See Appendix A for full search strategies.

The following databases were searched on 3 April 2023:

1. MEDLINE(R) ALL (Ovid): 1946 to March 31, 2023;
2. Embase (Ovid): 1974 to 2023 March 31;
3. PsycINFO (Ovid): 1806 to March Week 4 2023;
4. CINAHL (EBSCO): Inception – Current;
5. Epistemonikos (<https://www.epistemonikos.org/>): Inception - Current.

Screening

The searches returned 4,488 records after de-duplication. Titles and abstracts were screened against the following criteria:

1. Does the study concern violence against women or girls?

Include any study focusing on violence and where the population is mostly women/girls, or any study of intimate partner violence, sexual violence or child sexual abuse with any population (unless exclusively focused on men/boys).

Exclude studies which do not primarily focus on violence, even for groups at potentially higher risk of violence. *Include* reviews of mixed populations if *either* >60% of studies meet criterion *or* there is a separate synthesis on populations meeting criterion.

2. Is the study either (a) a systematic review of effectiveness, (b) a study reporting costs of an intervention, or (c) a study reporting on implementation of an intervention?

For (a), *include* any review of effectiveness reporting search strategies and inclusion criteria. *Exclude* reviews of observational data, prevalence or risk factors. For (c), *include* qualitative and/or quantitative data relating to a specific intervention.

3. Does the study focus on high-income countries, and on a setting other than policing, criminal justice or education?

Include countries classified by the World Bank as 'high income'. *Include* reviews of mixed countries/settings if *either* >60% of studies meet criterion *or* there is a separate synthesis on settings meeting criterion.

An initial sample of 10% of records was screened independently by two reviewers and differences resolved by discussion. The remaining records were screened by one reviewer alone. For full text screening, the following additional criteria were applied for systematic reviews of effectiveness (category (a) above). All full-text studies were screened independently by two reviewers and differences resolved by discussion.

4. Does the review contain at least two studies?
5. Is a full report available? (*Exclude* abstracts of conference presentations)
6. Does the review include primary studies? (*Exclude* reviews of reviews, but retain for reference checking)
7. Does the review report a meta-analysis of controlled studies?

Studies excluded on criterion (7), i.e. reviews of effectiveness without meta-analysis, were retained and coded by intervention category (see below), but generally were only included in the analysis for those intervention categories where no meta-analysis was available. We made some exclusions based on outcome or topic at a later stage: see under 'data extraction' below.

Quality assessment

We used the AMSTAR-2 tool to assess review quality (Shea et al. 2017). The tool produces an overall rating of 'high', 'moderate', 'low' or 'critically low'. Details of the results of quality assessment can be found in the technical report for each topic. Quality assessment was carried out by one reviewer and checked in detail by a second.

Data extraction

Initially, included reviews and those which did not report a meta-analysis of controlled studies (criterion 7), but which met all other criteria, were coded in broad categories of intervention and population. The codeset was developed after screening was completed and was based on the content of the included reviews. Some reviews were coded in more than one category, if they reported separate analyses of different interventions or populations; in a handful of cases we judged that the review included too wide a range of interventions to assign it to a category, and did not report separate analyses, in which case it was not included in the analysis for any topic. This coding was carried out by one reviewer and checked by a second.

Where more than one meta-analytic review was available, we prioritised the one with the higher AMSTAR-2 score. In the case of a tie, the review with the most recent search date was prioritised. However, in some cases we also drew on other reviews in the category, for example if the specification of the meta-analyses was better aligned to the purposes of the toolkit. We also utilised other reviews for cost and implementation data (see below).

We extracted effect sizes and confidence intervals as reported in the reviews. All outcomes were included, if the meta-analysis included more than two studies. For the purposes of the summary findings, outcomes were categorised into six broad types as set out in Table 1 (for reasons of clarity, a few outcome types were not included in the summary).

Table 1. *Categorisation of outcomes*

Category for summary	Examples of specific outcomes
Violence	Incidence of violence / abuse (including all measures for example physical violence, sexual violence etc., and any metric, for example self-reported or police recorded)
Mental health	Anxiety, depression, post-traumatic stress (PTSD), internalising behaviour, general mental health
Knowledge / attitudes	Any knowledge or belief outcome
Health service utilisation / delivery	Referrals, resource use
Identification of violence	Rate of identification of IPV
Child behaviour	Behaviour problems, sexualised behaviour, externalising behaviour
Not categorised for summary	Quality of life
	Social support
	Family relationships
	Safety behaviours
	Alcohol / drug use

At this stage we refined the criteria further and excluded the following topics:

- a. Reviews where no outcomes in our categorisation (Table 1) were reported;
- b. Reviews on topics which were carried out entirely in non-healthcare settings and with non-healthcare staff, and where the review team judged there were serious barriers to transferability to healthcare settings, or on purely surgical or pharmacological interventions.

Supplementary searching and data extraction

For cost and implementation data, we initially looked for data within the included impact reviews, and then in the other studies located by our searches. In many cases we needed to supplement these with informal searches of other sources, such as Google Scholar and citation chasing from included studies. For implementation data, we drew on a range of relevant data as appropriate and available, including qualitative research and/or moderator or subgroup analyses of the effectiveness data. For both implementation and costs we prioritised systematic reviews, but also included data from primary studies where we could not locate relevant reviews. Data synthesis was informal, with a focus on drawing out key messages relevant to implementation.

Deriving summary scores

Our rules for deriving summary scores are based on the Youth Endowment Fund (YEF) toolkit on preventing youth violence (<https://youthendowmentfund.org.uk/toolkit/>). As this toolkit covers a broader range of outcomes than the YEF toolkit, and hence in many cases multiple analyses were reported within a single intervention category, we made some modifications to their

process to clarify how these were handled. Impact ratings, quality ratings and review sizes were only assessed where there was a meta-analysis reporting standardised mean difference or equivalent.

For the impact summary, we initially coded each effect size reported in the reviews as low, moderate or high as follows:

Standardised mean difference (d) / Hedges' g	Categories
$d < 0$	Harmful
$0 \leq d < 0.35$	Low (small)
$0.35 \leq d < 0.65$	Moderate
$d \geq 0.65$	High (large)

Where effects were not statistically significant at $p < 0.05$ in review authors' analyses, we coded the effect size as 'no significant effect' and did not apply a category.

Where effect sizes were reported as odds ratios (OR), we converted these to standardised mean differences using $d = \ln(OR) \frac{\sqrt{3}}{\pi}$ (Borenstein et al. 2009).

To produce the impact summary using these categories, we applied the following rules:

- Where analyses are reported separately for RCTs and nRCTs, use the analysis of RCTs;
- Where analyses are reported before and after removing outliers, use the former;
- Where analyses are reported for multiple time points for a single outcome, use the earliest for each outcome;
- Where analyses are reported for multiple outcomes within a category, then calculate the median result based on the categories of effect. For this analysis, combine low and no change, so that there are three categories (low + none, moderate, high). Where the median is between categories, round down.

For the evidence quality rating, the AMSTAR-2 rating was used:

- Not rated: 0
- Critically low: 1
- Low: 2
- Moderate: 3
- High: 4

For the review size summary, we categorised the number of studies in the meta-analysis reporting relevant outcomes (if there was more than one such meta-analysis, the studies were pooled):

- 1-2 studies: 1
- 3-4 studies: 2
- 5-7 studies: 3
- 8-11 studies: 4
- 12 or more studies: 5

For the cost rating, we located data on cost per participant where available, and categorised as follows:

- <£500: £
- £500-£1500: ££
- >£1500: £££

Where cost data were reported separately for distinct interventions, we calculated the median across reported interventions (excluding inactive control groups).

The ‘how trustworthy is the evidence’ sections reflect a combination of the AMSTAR-2 rating of the review and the number of studies, as below:

AMSTAR-2 / n of studies	1-2	3-4	5-7	8-11	≥12
Critically Low / Low / Not appraised	Low	Low to moderate	Moderate	Moderate	Moderate to high
Moderate / High	Low	Low to moderate	Moderate	Moderate to high	High

References

- Borenstein, Michael, Larry V. Hedges, Julian P. T. Higgins, and Hannah R. Rothstein. 2009. *Introduction to Meta-Analysis*. 1st ed. Wiley. <https://doi.org/10.1002/9780470743386>.
- Shea, Beverley J, Barnaby C Reeves, George Wells, Micere Thuku, Candyce Hamel, Julian Moran, David Moher, Peter Tugwell, Vivian Welch, and Elizabeth Kristjansson. 2017. ‘AMSTAR 2: A Critical Appraisal Tool for Systematic Reviews That Include Randomised or Non-Randomised Studies of Healthcare Interventions, or Both’. *BMJ* 358.

Appendix A: Search strategies

Ovid MEDLINE(R) ALL

via Ovid <http://ovidsp.ovid.com/>

Date range searched: <1946 to March 31, 2023>

Date searched: 03 April 2023

Records retrieved: 2644

The MEDLINE strategy below includes the NICE OECD geographic search filter for Ovid Medline and Embase; an adapted version of McMaster University’s systematic review filter for Ovid Medline (specificity maximising version); and the CADTH narrow economics filter for Ovid Medline and Embase.

Ayiku L, Levay P, Hudson T. The NICE OECD countries' geographic search filters: Part 1- methodology for developing the draft MEDLINE and Embase (Ovid) filters. *J Med Libr Assoc*. 2021 Apr 1;109(2):258-266. doi: 10.5195/jmla.2021.978. PMID: 34285668; PMCID: PMC8270368.

Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: <https://hiruweb.mcmaster.ca/hkr/hedges/medline/>. Accessed 2023-04-03.

Reviews, Medline – Maximises Specificity. In: McMaster Clinical Hedges database. Ontario: McMaster Health Knowledge Refinery; 2023: <https://searchfilters.cadth.ca/link/20>. Accessed 2023-04-03.

- 1 Domestic Violence/ (7545)
- 2 Intimate Partner Violence/ (5733)
- 3 Spouse Abuse/ (7567)
- 4 Battered Women/ (2713)
- 5 Gender-Based Violence/ (554)
- 6 Sex Offenses/ (11324)
- 7 Rape/ (6839)
- 8 Human Trafficking/ (658)
- 9 Child Abuse, Sexual/ (10999)
- 10 ((physical* or family or domestic* or sexual* or child* or teen* or adolescen* or gendered or gender-based or gender based or partner or intimate-partner* or intimate partner* or spous* or relationship or dating or wom?n or girl* or wi?e* or female* or sex worker* or prostitut*) adj3 (violen* or abus* or assault* or attack* or mutilat* or harm* or kill* or murder* or homicide*).ti,ab,kw. (90845)
- 11 (((wom?n or girl* or wi?e* or female* or sexual*) adj3 (coerc* or harass* or exploit* or stalking)) and health*).ti,ab,kw. (1809)
- 12 (batter* adj (wom?n or wi?e*).ti,ab,kw. (756)
- 13 VAWG.ti,ab,kw. (43)
- 14 ((IPV or FGM) and (wom?n or girl* or female*).ti,ab,kw. (5782)
- 15 (femicid* or feminicid*).ti,ab,kw. (222)
- 16 (dowry adj2 (abus* or death* or violen* or kill* or murder*).ti,ab,kw. (51)
- 17 bride burning.ti,ab,kw. (11)
- 18 ((hono?r or dishono?r*) adj3 kill*).ti,ab,kw. (46)
- 19 ((human* or sex or wom?n or girl* or child*) adj2 traffick*).ti,ab,kw. (1322)
- 20 (forced adj2 (prostitution or marriage*).ti,ab,kw. (188)
- 21 rape*.ti,ab,kw. (14480)
- 22 or/1-21 (114805)
- 23 afghanistan/ or africa/ or africa, northern/ or africa, central/ or africa, eastern/ or "africa south of the sahara"/ or africa, southern/ or africa, western/ or albania/ or algeria/ or andorra/ or angola/ or "antigua and barbuda"/ or argentina/ or armenia/ or azerbaijan/ or bahamas/ or bahrain/ or bangladesh/ or barbados/ or belize/ or benin/ or bhutan/ or bolivia/ or borneo/ or "bosnia and herzegovina"/ or botswana/ or brazil/ or brunei/ or bulgaria/ or burkina faso/ or burundi/ or cabo verde/ or cambodia/ or cameroon/ or central african republic/ or chad/ or exp china/ or comoros/ or congo/ or cote d'ivoire/ or croatia/ or cuba/ or "democratic republic of the congo"/ or cyprus/ or djibouti/ or dominica/ or dominican republic/ or ecuador/ or egypt/ or el salvador/ or equatorial guinea/ or eritrea/ or eswatini/ or ethiopia/ or fiji/ or gabon/ or gambia/ or "georgia (republic)"/ or ghana/ or grenada/ or guatemala/ or guinea/ or guinea-bissau/ or guyana/ or haiti/ or honduras/ or independent state of samoa/ or exp india/ or indian ocean islands/ or indochina/ or indonesia/ or iran/ or iraq/ or jamaica/ or jordan/ or kazakhstan/ or kenya/ or kosovo/ or kuwait/ or kyrgyzstan/ or laos/ or lebanon/ or liechtenstein/ or lesotho/ or liberia/ or libya/ or madagascar/ or malaysia/ or malawi/ or mali/ or malta/ or mauritania/ or mauritius/ or mekong valley/ or melanesia/ or micronesia/ or monaco/ or mongolia/ or montenegro/ or morocco/ or mozambique/ or myanmar/ or namibia/ or nepal/ or nicaragua/ or niger/ or nigeria/ or oman/ or pakistan/ or palau/ or exp panama/ or papua new guinea/ or paraguay/ or peru/ or philippines/ or qatar/ or "republic of belarus"/ or "republic of north macedonia"/ or romania/ or exp russia/ or rwanda/ or "saint kitts and nevis"/ or saint lucia/ or "saint vincent and the grenadines"/ or "sao tome and principe"/ or saudi arabia/ or serbia/ or sierra leone/ or senegal/ or seychelles/ or singapore/ or somalia/ or south africa/ or south

sudan/ or sri lanka/ or sudan/ or suriname/ or syria/ or taiwan/ or tajikistan/ or tanzania/ or thailand/ or timor-leste/ or togo/ or tonga/ or "trinidad and tobago"/ or tunisia/ or turkmenistan/ or uganda/ or ukraine/ or united arab emirates/ or uruguay/ or uzbekistan/ or vanuatu/ or venezuela/ or vietnam/ or west indies/ or yemen/ or zambia/ or zimbabwe/ (1279543)

24 "Organisation for Economic Co-Operation and Development"/ (521)

25 australasia/ or exp australia/ or austria/ or baltic states/ or belgium/ or exp canada/ or chile/ or colombia/ or costa rica/ or czech republic/ or exp denmark/ or estonia/ or europe/ or finland/ or exp france/ or exp germany/ or greece/ or hungary/ or iceland/ or ireland/ or israel/ or exp italy/ or exp japan/ or korea/ or latvia/ or lithuania/ or luxembourg/ or mexico/ or netherlands/ or new zealand/ or north america/ or exp norway/ or poland/ or portugal/ or exp "republic of korea"/ or "scandinavian and nordic countries"/ or slovakia/ or slovenia/ or spain/ or sweden/ or switzerland/ or turkey/ or exp united kingdom/ or exp united states/ (3475049)

26 European Union/ (17583)

27 Developed Countries/ (21314)

28 or/24-27 (3490880)

29 23 not 28 (1190434)

30 22 not 29 (102663)

31 Systematic Review/ (224833)

32 Meta-Analysis/ (178511)

33 (systematic* adj (review* or overview*)).ti,ab. (287865)

34 meta analysis.tw,pt. (257110)

35 MEDLINE.tw. (160868)

36 or/31-35 (481923)

37 *economics/ (10805)

38 exp *"costs and cost analysis"/ (79457)

39 (economic adj2 model*).mp. (14979)

40 (cost minimi* or cost-utilit* or health utilit* or economic evaluation* or economic review* or cost outcome* or cost analys?s or economic analys?s or budget* impact analys?s).ti,ab,kf. (41738)

41 (cost-effective* or pharmaco-economic* or pharmaco-economic* or cost-benefit or costs).ti,kf. (86657)

42 (life year or life years or qaly* or cost-benefit analys?s or cost-effectiveness analys?s).ab,kf. (38778)

43 (cost or economic*).ti,kf. and (costs or cost-effectiveness or markov or monte carlo or model or modeling or modelling).ab. (83389)

44 or/37-43 (218954)

45 30 and (36 or 44) (3618)

46 letter/ or editorial/ or news/ or exp historical article/ or anecdotes as topic/ or comment/ or case report/ (2733219)

47 (letter or comment*).ti. (186289)

48 (comment or conference or letter).pt. (1703845)

49 or/46-48 (2804462)

50 45 not 49 (3573)

51 limit 50 to english language (3457)

52 limit 51 to yr="2013 -Current" (2653)

53 remove duplicates from 52 (2644)

Key:

/ = indexing term (Medical Subject Heading: MeSH)

exp = exploded indexing term (MeSH)

* before an indexing term = focussed indexing term

* = truncation

ti,ab,kw, = terms in either title, abstract, or keyword heading fields

tw = terms in either title or abstract fields

kf = keyword heading word field.

adj2 = terms within two words of each other (any order)

? = optional wild card character for zero or one letters

mp = multipurpose

pt = publication type

Embase

via Ovid <http://ovidsp.ovid.com/>

Date range searched: <1974 to 2023 March 31>

Date searched: 03 April 2023

Records retrieved: 2780

The Embase strategy below includes the NICE OECD geographic search filter for Ovid Medline and Embase; an adapted version of McMaster University's systematic review filter for Ovid Medline (specificity maximising version); and the CADTH narrow economics filter for Ovid Medline and Embase.

Ayiku L, Levay P, Hudson T. The NICE OECD countries' geographic search filters: Part 1- methodology for developing the draft MEDLINE and Embase (Ovid) filters. *J Med Libr Assoc.* 2021 Apr 1;109(2):258-266. doi: 10.5195/jmla.2021.978. PMID: 34285668; PMCID: PMC8270368.

Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: <https://hiruweb.mcmaster.ca/hkr/hedges/medline/>. Accessed 2023-04-03.

Reviews, Medline – Maximises Specificity. In: McMaster Clinical Hedges database. Ontario: McMaster Health Knowledge Refinery; 2023: <https://searchfilters.cadth.ca/link/20>. Accessed 2023-04-03.

- 1 domestic violence/ (11293)
- 2 partner violence/ (16482)
- 3 battered woman/ (3340)
- 4 gender based violence/ (1523)
- 5 sexual crime/ (12960)
- 6 rape/ (8732)
- 7 human trafficking/ (853)
- 8 child sexual abuse/ (10961)
- 9 ((physical* or family or domestic* or sexual* or child* or teen* or adolescen* or gendered or gender-based or gender based or partner or intimate-partner* or intimate partner* or spous* or relationship or dating or wom?n or girl* or wi?e* or female* or sex worker* or prostitut*) adj3 (violen* or abus* or assault* or attack* or mutilat* or harm* or kill* or murder* or homicide*)).ti,ab,kw. (112358)

- 10 (((wom?n or girl* or wi?e* or female* or sexual*) adj3 (coerc* or harass* or exploit* or stalking)) and health*).ti,ab,kw. (2217)
- 11 (batter* adj (wom?n or wi?e*)).ti,ab,kw. (912)
- 12 VAWG.ti,ab,kw. (41)
- 13 ((IPV or FGM) and (wom?n or girl* or female*)).ti,ab,kw. (6556)
- 14 (femicid* or feminicid*).ti,ab,kw. (244)
- 15 (dowry adj2 (abus* or death* or violen* or kill* or murder*)).ti,ab,kw. (74)
- 16 bride burning.ti,ab,kw. (22)
- 17 ((hono?r or dishono?r*) adj3 kill*).ti,ab,kw. (54)
- 18 ((human* or sex or wom?n or girl* or child*) adj2 traffick*).ti,ab,kw. (1606)
- 19 (forced adj2 (prostitution or marriage*)).ti,ab,kw. (195)
- 20 rape*.ti,ab,kw. (15634)
- 21 or/1-20 (141946)
- 22 afghanistan/ or africa/ or "africa south of the sahara"/ or albania/ or algeria/ or andorra/ or angola/ or argentina/ or "antigua and barbuda"/ or armenia/ or exp azerbaijan/ or bahamas/ or bahrain/ or bangladesh/ or barbados/ or belarus/ or belize/ or benin/ or bhutan/ or bolivia/ or borneo/ or exp "bosnia and herzegovina"/ or botswana/ or exp brazil/ or brunei darussalam/ or bulgaria/ or burkina faso/ or burundi/ or cambodia/ or cameroon/ or cape verde/ or central africa/ or central african republic/ or chad/ or exp china/ or comoros/ or congo/ or cook islands/ or coted'ivoire/ or croatia/ or cuba/ or cyprus/ or democratic republic congo/ or djibouti/ or dominica/ or dominican republic/ or ecuador/ or el salvador/ or egypt/ or equatorial guinea/ or eritrea/ or eswatini/ or ethiopia/ or exp "federated states of micronesia"/ or fiji/ or gabon/ or gambia/ or exp "georgia (republic)"/ or ghana/ or grenada/ or guatemala/ or guinea/ or guinea-bissau/ or guyana/ or haiti/ or honduras/ or exp india/ or exp indonesia/ or iran/ or exp iraq/ or jamaica/ or jordan/ or kazakhstan/ or kenya/ or kiribati/ or kosovo/ or kuwait/ or kyrgyzstan/ or laos/ or lebanon/ or liechtenstein/ or lesotho/ or liberia/ or libyan arab jamahiriya/ or madagascar/ or malawi/ or exp malaysia/ or maldives/ or mali/ or malta/ or mauritania/ or mauritius/ or melanesia/ or moldova/ or monaco/ or mongolia/ or "montenegro (republic)"/ or morocco/ or mozambique/ or myanmar/ or namibia/ or nauru/ or nepal/ or nicaragua/ or niger/ or nigeria/ or niue/ or north africa/ or oman/ or exp pakistan/ or palau/ or palestine/ or panama/ or papua new guinea/ or paraguay/ or peru/ or philippines/ or polynesia/ or qatar/ or "republic of north macedonia"/ or romania/ or exp russian federation/ or rwanda/ or sahel/ or "saint kitts and nevis"/ or "saint lucia"/ or "saint vincent and the grenadines"/ or saudi arabia/ or senegal/ or exp serbia/ or seychelles/ or sierra leone/ or singapore/ or "sao tome and principe"/ or solomon 2 of 3 islands/ or exp somalia/ or south africa/ or south asia/ or south sudan/ or exp southeast asia/ or sri lanka/ or sudan/ or suriname/ or syrian arab republic/ or taiwan/ or tajikistan/ or tanzania/ or thailand/ or timor-leste/ or togo/ or tonga/ or "trinidad and tobago"/ or tunisia/ or turkmenistan/ or tuvalu/ or uganda/ or exp ukraine/ or exp united arab emirates/ or uruguay/ or exp uzbekistan/ or vanuatu/ or venezuela/ or viet nam/ or western sahara/ or yemen/ or zambia/ or zimbabwe/ (1666607)
- 23 "organisation for economic co-operation and development"/ (2699)
- 24 exp australia/ or "australia and new zealand"/ or austria/ or baltic states/ or exp belgium/ or exp canada/ or chile/ or colombia/ or costa rica/ or czech republic/ or denmark/ or estonia/ or europe/ or exp finland/ or exp france/ or exp germany/ or greece/ or hungary/ or iceland/ or ireland/ or israel/ or exp italy/ or japan/ or korea/ or latvia/ or lithuania/ or luxembourg/ or exp mexico/ or netherlands/ or new zealand/ or north america/ or exp norway/ or poland/ or exp portugal/ or scandinavia/ or sweden/ or slovakia/ or slovenia/ or south korea/ or exp spain/ or

switzerland/ or exp united kingdom/ or "turkey (republic)"/ or exp united states/ or western europe/ (3746485)

25 european union/ (31037)

26 developed country/ (35399)

27 or/23-26 (3779644)

28 22 not 27 (1515628)

29 21 not 28 (125932)

30 "systematic review"/ (427430)

31 meta analysis/ (288220)

32 (systematic* adj (review* or overview*)).ti,ab. (364105)

33 meta analysis.tw,pt. (300400)

34 or/30-33 (668556)

35 *economics/ (27890)

36 exp *"cost"/ (89810)

37 (economic adj2 model*).mp. (9760)

38 (cost minimi* or cost-utilit* or health utilit* or economic evaluation* or economic review* or cost outcome* or cost analys?s or economic analys?s or budget* impact analys?s).ti,ab,kf. (65387)

39 (cost-effective* or pharmacoeconomic* or pharmaco-economic* or cost-benefit or costs).ti,kf. (130072)

40 (life year or life years or qaly* or cost-benefit analys?s or cost-effectiveness analys?s).ab,kf. (61051)

41 (cost or economic*).ti,kf. and (costs or cost-effectiveness or markov or monte carlo or model or modeling or modelling).ab. (127264)

42 or/35-41 (315102)

43 29 and (34 or 42) (4430)

44 letter/ or case report/ or case study/ (3949075)

45 (letter or comment*).ti. (238538)

46 (comment or conference or letter or editorial or note).pt. (8489425)

47 or/44-46 (10823860)

48 43 not 47 (3735)

49 limit 48 to english language (3637)

50 limit 49 to yr="2013 -Current" (2895)

51 remove duplicates from 50 (2780)

Key:

/ = indexing term (Emtree subject heading)

exp = exploded indexing term

* before an indexing term = focussed indexing term

* = truncation

ti,ab,kw,kf = terms in either title, abstract, keyword heading, or keyword heading word fields

tw = terms in either title or abstract fields

mp = multipurpose

adj3 = terms within three words of each other (any order)

? = optional wild card character for zero or one letters

pt = publication type

PsycInfo

via Ovid <http://ovidsp.ovid.com/>

Date range searched: <1806 to March Week 4 2023>

Date searched: 03 April 2023

Records retrieved: 366

The PsycINFO strategy below includes an adapted version of the NICE OECD geographic search filter for Ovid Medline and Embase; an adapted version of McMaster University's systematic review filter for Ovid Medline (specificity maximising version); and an adapted version of the CADTH narrow economics filter for Ovid Medline and Embase. These filters were adapted for use on PsycINFO by the Information Specialist.

Ayiku L, Levay P, Hudson T. The NICE OECD countries' geographic search filters: Part 1- methodology for developing the draft MEDLINE and Embase (Ovid) filters. *J Med Libr Assoc.* 2021 Apr 1;109(2):258-266. doi: 10.5195/jmla.2021.978. PMID: 34285668; PMCID: PMC8270368.

Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: <https://hiruweb.mcmaster.ca/hkr/hedges/medline/>. Accessed 2023-04-03.

Reviews, Medline – Maximises Specificity. In: McMaster Clinical Hedges database. Ontario: McMaster Health Knowledge Refinery; 2023: <https://searchfilters.cadth.ca/link/20>. Accessed 2023-04-03.

- 1 Domestic Violence/ (13162)
- 2 Intimate Partner Violence/ (14347)
- 3 Battered Females/ (3381)
- 4 Gender Violence/ (244)
- 5 Sex Offenses/ (12540)
- 6 Rape/ (6198)
- 7 Human Trafficking/ (1322)
- 8 ((physical* or family or domestic* or sexual* or child* or teen* or adolescen* or gendered or gender-based or gender based or partner or intimate-partner* or intimate partner* or spous* or relationship or dating or wom?n or girl* or wi?e* or female* or sex worker* or prostitut*) adj3 (violen* or abus* or assault* or attack* or mutilat* or harm* or kill* or murder* or homicide*).ti,ab,id. (114717)
- 9 (((wom?n or girl* or wi?e* or female* or sexual*) adj3 (coerc* or harass* or exploit* or stalking)) and health*).ti,ab,id. (1628)
- 10 (batter* adj (wom?n or wi?e*).ti,ab,id. (2157)
- 11 VAWG.ti,ab,id. (16)
- 12 ((IPV or FGM) and (wom?n or girl* or female*).ti,ab,id. (4825)
- 13 (femicid* or feminicid*).ti,ab,id. (224)
- 14 (dowry adj2 (abus* or death* or violen* or kill* or murder*).ti,ab,id. (42)
- 15 bride burning.ti,ab,id. (8)
- 16 ((hono?r or dishono?r*) adj3 kill*).ti,ab,id. (129)
- 17 ((human* or sex or wom?n or girl* or child*) adj2 traffick*).ti,ab,id. (1653)
- 18 (forced adj2 (prostitution or marriage*).ti,ab,id. (200)
- 19 rape*.ti,ab,id. (10311)
- 20 or/1-19 (128868)

- 21 "Organisation for Economic Co-Operation and Development".mp. (224)
- 22 (australasia or australia or austria or baltic states or belgium or canada or chile or colombia or costa rica or czech republic or denmark or estonia or europe or finland or france or germany or greece or hungary or iceland or ireland or israel or italy or japan or korea or latvia or lithuania or luxembourg or mexico or netherlands or new zealand or north america or norway or poland or portugal or "republic of korea" or "scandinavian and nordic countries" or slovakia or slovenia or spain or sweden or switzerland or turkey or united kingdom or united states).mp. (585049)
- 23 European Union.mp. (3865)
- 24 Developed Countries.mp. (6261)
- 25 or/21-24 (590763)
- 26 20 and 25 (21906)
- 27 exp "Systematic Review"/ (776)
- 28 exp Meta Analysis/ (5353)
- 29 (systematic* adj (review* or overview*)).ti,ab. (46560)
- 30 meta analysis.tw,pt. (40124)
- 31 or/27-30 (74390)
- 32 exp Economics/ (89717)
- 33 exp Health Care Economics/ (1169)
- 34 exp "Costs and Cost Analysis"/ (48577)
- 35 (economic adj2 model*).mp. (2424)
- 36 (cost minimi* or cost-utilit* or health utilit* or economic evaluation* or economic review* or cost outcome* or cost analys?s or economic analys?s or budget* impact analys?s).ti,ab,id. (6309)
- 37 (cost-effective* or pharmaco-economic* or pharmaco-economic* or cost-benefit or costs).ti,id. (18059)
- 38 (life year or life years or qaly* or cost-benefit analys?s or cost-effectiveness analys?s).ab,id. (5161)
- 39 (cost or economic*).ti,id. and (costs or cost-effectiveness or markov or monte carlo or model or modeling or modelling).ab. (17383)
- 40 or/32-39 (128348)
- 41 26 and (31 or 40) (686)
- 42 limit 41 to english language (637)
- 43 limit 42 to yr="2013 -Current" (366)
- 44 remove duplicates from 43 (366)

Key:

/ = indexing term (American Psychological Association's (APA) Thesaurus of Psychological Index Terms)

exp = exploded indexing term (APA Thesaurus of Psychological Index Terms)

* = truncation

ti,ab,id = terms in either title, abstract, or key concept fields

adj3 = terms within three words of each other (any order)

? = optional wild card character for zero or one letters

mp = multipurpose

pt = publication type

CINAHL Ultimate

via EBSCO <https://web.s.ebscohost.com/>

Date range searched: Inception - 03 April 2023

Date searched: 03 April 2023

Records retrieved: 1585

The CINAHL Ultimate strategy below includes an adapted version of the NICE OECD geographic search filter for Ovid Medline and Embase; an adapted version of McMaster University's systematic review filter for Ovid Medline (specificity maximising version); and an adapted version of the CADTH narrow economics filter for Ovid Medline and Embase. These filters were adapted for use on CINAHL Ultimate by the Information Specialist.

Ayiku L, Levay P, Hudson T. The NICE OECD countries' geographic search filters: Part 1- methodology for developing the draft MEDLINE and Embase (Ovid) filters. *J Med Libr Assoc.* 2021 Apr 1;109(2):258-266. doi: 10.5195/jmla.2021.978. PMID: 34285668; PMCID: PMC8270368.

Economic - Narrow - MEDLINE, Embase. In: CADTH Search Filters Database. Ottawa: CADTH; 2023: <https://hiruweb.mcmaster.ca/hkr/hedges/medline/>. Accessed 2023-04-03.

Reviews, Medline – Maximises Specificity. In: McMaster Clinical Hedges database. Ontario: McMaster Health Knowledge Refinery; 2023: <https://searchfilters.cadth.ca/link/20>. Accessed 2023-04-03.

S42 S39 OR S40 Limiters - Published Date: 20030101-20230331; English Language (1,585)

S41 S39 OR S40 (1,651)

S40 S26 AND S38 (350)

S39 S26 AND S31 (1,312)

S38 S32 OR S33 OR S34 OR S35 OR S36 OR S37 (106,144)

S37 TI (cost or economic*) AND AB (costs or cost-effectiveness or markov or monte carlo or model or modeling or modelling) (37,565)

S36 TI (life year or life years or qaly* or cost-benefit analys?s or cost-effectiveness analys?s) (7,589)

S35 TI (cost-effective* or pharmacoeconomic* or pharmaco-economic* or cost-benefit or costs) (61,259)

S34 TI (cost minimi* or cost-utilit* or health utilit* or economic evaluation* or economic review* or cost outcome* or cost analys?s or economic analys?s or budget* impact analys?s) (15,105)

S33 (MM "Costs and Cost Analysis+") (49,935)

S32 (MM "Economics") (7,232)

S31 S27 OR S28 OR S29 OR S30 (145,254)

S30 TI meta analys?s (74,710)

S29 TI (systematic* N2 (review* or overview*)) (111,859)

S28 (MM "Meta Analysis") (1,845)

S27 (MM "Systematic Review") (1,651)

S26 S20 AND S25 (76,041)

S25 S21 OR S22 OR S23 OR S24 (8,658,618)

- S24 TX (australasia or australia or austria or baltic states or belgium or canada or chile or colombia or costa rica or czech republic or denmark or estonia or europe or finland or france or germany or greece or hungary or iceland or ireland or israel or italy or japan or korea or latvia or lithuania or luxembourg or mexico or netherlands or new zealand or north america or norway or poland or portugal or "republic of korea" or "scandinavian and nordic countries" or slovakia or slovenia or spain or sweden or switzerland or turkey or united kingdom or united states) (8,658,442)
- S23 (MH "Developed Countries") (4,238)
- S22 (MH "European Union") (6,409)
- S21 (MH "Organisation for Economic Co-Operation and Development") (255)
- S20 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 (78,197)
- S19 TI rape* OR AB rape* (3,579)
- S18 TI (forced N2 (prostitution or marriage*)) OR AB (forced N2 (prostitution or marriage*)) (160)
- S17 TI ((human* or sex or wom?n or girl* or child*) N2 traffick*) OR AB ((human* or sex or wom?n or girl* or child*) N2 traffick*) (1,296)
- S16 TI ((hono?r or dishono?r*) N3 kill*) OR AB ((hono?r or dishono?r*) N3 kill*) (11)
- S15 TI bride burning OR AB bride burning (3)
- S14 TI (dowry N2 (abus* or death* or violen* or kill* or murder*)) OR AB (dowry N2 (abus* or death* or violen* or kill* or murder*)) (29)
- S13 TI (femicid* or feminicid*) OR AB (femicid* or feminicid*) (153)
- S12 TI ((IPV or FGM) and (wom?n or girl* or female*)) OR AB ((IPV or FGM) and (wom?n or girl* or female*)) (4,212)
- S11 TI VAWG OR AB VAWG (30)
- S10 TI (batter* N1 (wom?n or wi?e*)) OR AB (batter* N1 (wom?n or wi?e*)) (779)
- S9 TI (((wom?n or girl* or wi?e* or female* or sexual*) N3 (coerc* or harass* or exploit* or stalking)) and health*) OR AB (((wom?n or girl* or wi?e* or female* or sexual*) N3 (coerc* or harass* or exploit* or stalking)) and health*) (1,266)
- S8 TI ((physical* or family or domestic* or sexual* or child* or teen* or adolescen* or gendered or gender-based or gender based or partner or intimate-partner* or intimate partner* or spous* or relationship or dating or wom?n or girl* or wi?e* or female* or sex worker* or prostitut*) N3 (violen* or abus* or assault* or attack* or mutilat* or harm* or kill* or murder* or homicide*)) OR AB ((physical* or family or domestic* or sexual* or child* or teen* or adolescen* or gendered or gender-based or gender based or partner or intimate-partner* or intimate partner* or spous* or relationship or dating or wom?n or girl* or wi?e* or female* or sex worker* or prostitut*) N3 (violen* or abus* or assault* or attack* or mutilat* or harm* or kill* or murder* or homicide*)) (66,469)
- S7 (MH "Child Abuse, Sexual") (7,696)
- S6 (MH "Human Trafficking") (932)
- S5 (MH "Rape") (4,348)
- S4 (MH "Gender-Based Violence") (855)
- S3 (MH "Battered Women") (4,478)
- S2 (MH "Intimate Partner Violence") (13,155)
- S1 (MH "Domestic Violence") (10,753)

Key:

MH = indexing term (Medical Subject Heading: MeSH)

+ = exploded indexing term
MM = major indexing term
* = truncation
? = optional wild card character for zero or one letters
TI OR AB = terms in either title or abstract fields
N3 = terms within three words of each other

Epistemonikos

via <https://www.epistemonikos.org>
Date range: Inception - 03 April 2023
Date searched: 03 April 2023
Records retrieved: 481

The Epistemonikos strategy below includes an adapted version of the NICE OECD geographic search filter for Ovid Medline and Embase. The filter was adapted for use on Epistemonikos by the Information Specialist.

Ayiku L, Levay P, Hudson T. The NICE OECD countries' geographic search filters: Part 1- methodology for developing the draft MEDLINE and Embase (Ovid) filters. *J Med Libr Assoc.* 2021 Apr 1;109(2):258-266. doi: 10.5195/jmla.2021.978. PMID: 34285668; PMCID: PMC8270368.

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(title:(title:((physical* OR family OR domestic* OR sexual* OR child* OR teen* OR adolescen* OR gendered OR gender-based OR gender based OR partner OR intimate-partner* OR intimate partner* OR spous* OR relationship OR dating OR women OR woman OR girl OR girls OR wife OR wives OR female* OR sex worker* OR prostitut*) AND (violen* OR abus* OR assault* OR attack* OR mutilat* OR harm* OR kill* OR murder* OR homicide* OR coerc* OR harass* OR exploit* OR stalking OR rape OR trafficking OR femicid* OR feminicid*)) AND abstract:(("Organisation for Economic Co-Operation AND Development" OR OECD OR australasia OR australia OR austria OR baltic states OR belgium OR canada OR chile OR colombia OR costa rica OR czech republic OR denmark OR estonia OR europe OR finland OR france OR germany OR greece OR hungary OR iceland OR ireland OR israel OR italy OR japan OR korea OR latvia OR lithuania OR luxembourg OR mexico OR netherlands OR new zealand OR north america OR norway OR poland OR portugal OR "republic of korea" OR "scandinavian AND nordic countries" OR slovakia OR slovenia OR spain OR sweden OR switzerland OR turkey OR united kingdom OR united states OR European Union OR Developed Countries)))) OR abstract:(title:((physical* OR family OR domestic* OR sexual* OR child* OR teen* OR adolescen* OR gendered OR gender-based OR gender based OR partner OR intimate-partner* OR intimate partner* OR spous* OR relationship OR dating OR women OR woman OR girl OR girls OR wife OR wives OR female* OR sex worker* OR prostitut*) AND (violen* OR abus* OR assault* OR attack* OR mutilat* OR harm* OR kill* OR murder* OR homicide* OR coerc* OR harass* OR exploit* OR stalking OR rape OR trafficking OR femicid* OR feminicid*)) AND abstract:(("Organisation for Economic Co-Operation AND Development" OR OECD OR australasia OR australia OR austria OR baltic states OR belgium OR canada OR chile OR colombia OR costa rica OR czech republic OR denmark OR estonia OR europe OR finland OR france OR germany OR greece OR hungary OR iceland OR ireland OR israel OR italy OR japan OR korea OR latvia OR lithuania OR luxembourg OR mexico OR netherlands OR new zealand OR north america OR norway OR poland OR portugal OR "republic of korea" OR "scandinavian AND nordic countries" OR slovakia OR slovenia OR spain OR sweden OR switzerland OR turkey OR united kingdom OR united states OR European Union OR Developed Countries))))))
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Limited to publication years: 2013-2023
= 481

Key:

* = truncation

The NIHR Policy Research Programme Reviews Facility puts the evidence into development and implementation of health policy through:

- Undertaking policy-relevant systematic reviews of health and social care research
- Developing capacity for undertaking and using reviews
- Producing new and improved methods for undertaking reviews
- Promoting global awareness and use of systematic reviews in decision-making

The Reviews Facility is a collaboration between the following centres: EPPI Centre (Evidence for Policy and Practice Information Centre), UCL Social Research Institute, University College London; CRD (Centre for Reviews and Dissemination), University of York; and the London School of Hygiene and Tropical Medicine.

The NIHR Policy Research Programme Reviews Facility collaboration has grown out of a previous 'reviews facility' in Health Promotion and Public Health based at the EPPI Centre, and has been funded by the Department of Health and Social Care since 1995.

The views expressed in this work are those of the authors and do not necessarily reflect the views of the collaborating centres or the funder. All errors and omissions remain those of the authors.

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Evidence for Policy and Practice Information Centre (EPPI Centre)
Social Science Research Unit, UCL Social Research Institute
UCL Institute of Education, University College London
10 Woburn Square, London WC1H 0NR

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**Email: ioe.ssrु@ucl.ac.uk
Telephone: +44 (0)20 7331 5263**