

Drug misuse prevention: targeted interventions

Appendix 2 to Evidence Review 2

Contains:

- Search strategies
- Review protocol
- Quality appraisal checklists
- Summary of quality of included studies
- List of excluded studies

Appendix 2A: Search strategies	3
2A.1 Summary of search steps and work flow	3
2A.2 Search step 1: Systematic review search	5
2A.3 Search step 2: Backwards citation searches	7
2A.4 Search step 3: Recent evidence	7
2A.5 Search step 4: Top-up/gap search	16
2A.6 Search step 5: Website searches	24
2A.7 Search step 6: Named programme search	26
2A.8 Search steps 7 to 10: Additional citation searching.....	28
2A.9 Search step 11: Addition of included studies from previous guideline (NICE PH4)	31
2A.10 Post peer-review testing.....	32
Appendix 2B: Review Protocol	33
Appendix 2C: Quality Appraisal checklists	39
2C.1 EPOC Checklist for RCTs, non-randomised controlled trials and controlled before-after studies	39
2C.2 EPHPP Checklist for uncontrolled before and after studies (EPHPP)	41
2C.3 NICE public health qualitative methodology checklist	44
Appendix 2D: Summary of quality of included studies	49
2D.1 Summary of studies assessed with the EPOC Checklist for RCTs, non- randomised controlled trials and controlled before-after studies	49
2D.2 Summary of studies assessed with the EPHPP checklist for uncontrolled quantitative studies	50
2D.3 Summary of studies assessed with the NICE public health qualitative methodology checklist	50
Appendix 2E: Excluded studies	52

Appendix 2A: Search strategies

2A.1 Summary of search steps and work flow

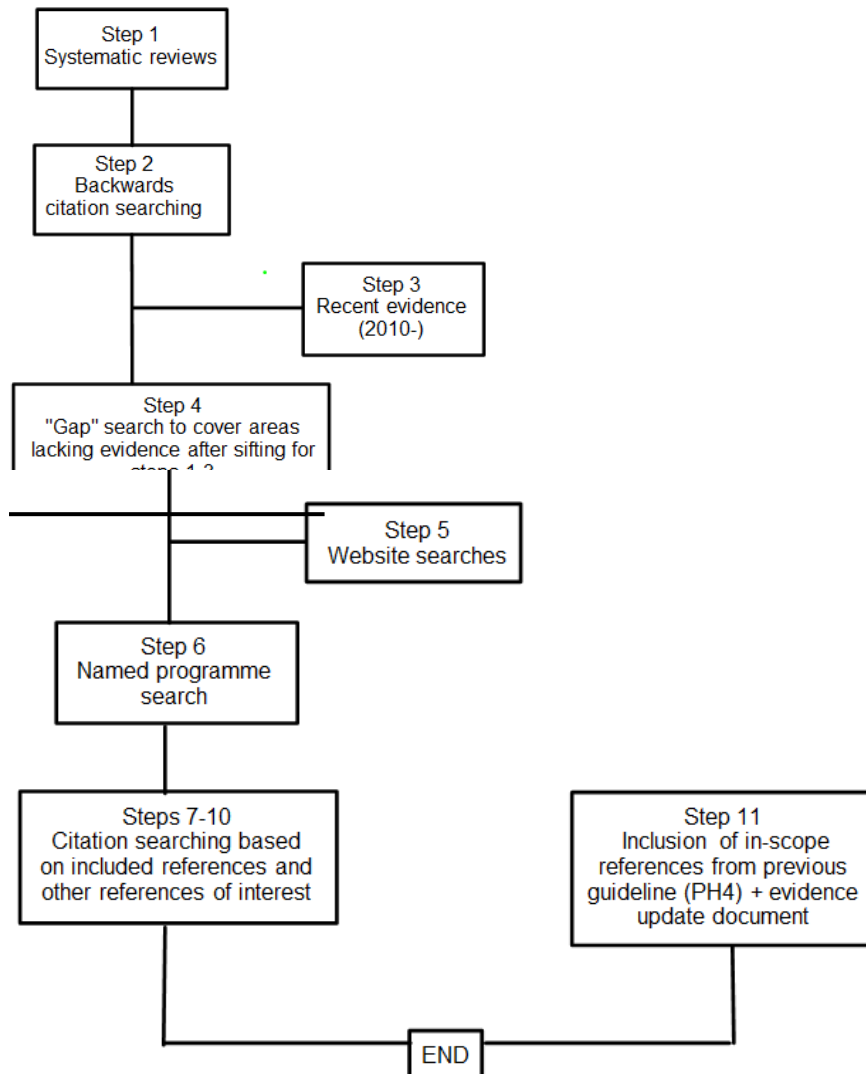
The search approach adopted for this guideline could be characterised as “non-traditional”. The full rationale for this is outlined in the protocol (see below). In short: the standard approach of conducting a broad PICO-type search across multiple databases would have resulted in an excessive number of references for sifting. A (very basic) test search following the PICO structure but using a limited number of terms retrieved over 36,000 references in Medline alone.

Instead we chose to adopt a more precise approach to finding the evidence. This is consistent with the requirements of NICE’s (2014) methods manual. The same series of search methods (“steps”) was used to identify evidence for both evidence reviews for the present guideline.

Initially we sought a broad range of existing systematic reviews on the theme of drug misuse prevention and then used citation searching to get back to the original primary evidence. Database searching was then used to address the potential “blind spots” which might be expected with this approach. Additional citation and grey literature searching was also carried out.

Drug misuse prevention: Appendix 2 to Evidence Review 2

Search strategies



2A.2 Search step 1: Systematic review search

Note: systematic review and citation-led searching was used in preference to a more traditional database-led approach as the database-led approach would have resulted in the retrieval of an unmanageable number of references. This approach is consistent with the NICE methods manual, and is informed by the experiences outlined by O'Mara-Eves et al¹. Subsequent database search steps were intended to address potential "blind spots" in this approach, notably in the identification of the most recent evidence (which wouldn't have had a chance to be incorporated into a systematic review since publication).

Database name	Date searched	Database Platform	Database segment or version	No. of results ²
Cochrane Database of Systematic Reviews (CDSR)	29th June 2015	Wiley	Issue 6 of 12, June 2015	13
Database of Abstracts of Reviews of Effectiveness (DARE)	29th June 2015 Slightly expanded strategy with additional drug terms re-run on 27th July. Only the broader, expanded strategy is given below.	Wiley	Issue 2 of 4, April 2015	236
HealthEvidence.org	29th June 2015	-	-	129
Campbell library	29th June 2015	-	To volume 11, issue 12, 2015	9
Database of Promoting Health Effectiveness Reviews (DoPHER)	30th June 2015	-	-	267
NIHR systematic reviews programme website	30th June 2015	-	-	1
Guideline.gov	30th June 2015	-	-	4
Total				659

Database name: CDSR

Strategy
NICE's Information Specialist browsed all published reviews by the Cochrane Drug & Alcohol Group (n = 71) and Public Health Group (n = 10). References to reviews that were possibly relevant to the present review were downloaded for screening (n = 13).
Browsing was used instead of searching as the proposed search strategy (identical to the DARE strategy, below) over-retrieved irrelevant material, bringing back 1894 reviews in CDSR .

Database name: DARE

Strategy
ID Search
#1 (Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psychoactive*" or psychotropic*):ti,ab
#2 (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*"):ti,ab
#3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*):ti,ab

¹ O'Mara-Eves et al. (2013) Techniques for identifying cross-disciplinary and 'hard-to-detect' evidence for systematic review. *Research Synthesis Methods* 5 (1) p. 50-59.

² Note that throughout these totals cover both evidence reviews for the present guideline.

Drug misuse prevention: Appendix 2 to Evidence Review 2

Search strategies

#4	(#1 or #2) near/4 #3
#5	(Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or "anabolic steroid*" or ped or peds or pied or piers or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new* psychoactive" or "novel psychoactive" or NPS or NPSS):ti,ab
#6	MeSH descriptor: [Street Drugs] explode all trees
#7	MeSH descriptor: [Designer Drugs] explode all trees
#8	MeSH descriptor: [Substance-Related Disorders] this term only
#9	MeSH descriptor: [Amphetamine-Related Disorders] this term only
#10	MeSH descriptor: [Cocaine-Related Disorders] this term only
#11	MeSH descriptor: [Inhalant Abuse] this term only
#12	MeSH descriptor: [Marijuana Abuse] this term only
#13	MeSH descriptor: [Opioid-Related Disorders] this term only
#14	MeSH descriptor: [Phencyclidine Abuse] this term only
#15	MeSH descriptor: [Substance Abuse, Intravenous] this term only
#16	MeSH descriptor: [Drug-Seeking Behavior] this term only
#17	MeSH descriptor: [Marijuana Smoking] this term only
#18	MeSH descriptor: [Performance-Enhancing Substances] this term only
#19	{or #6-#18}
#20	MeSH descriptor: [Preventive Health Services] this term only
#21	MeSH descriptor: [Primary Prevention] this term only
#22	MeSH descriptor: [Secondary Prevention] this term only
#23	prevent*:ti,ab
#24	(avoid* or refus*):ti,ab
#25	(abstention or abstinen* or abstain*):ti,ab
#26	{or #20-#25}
#27	#19 and #26
#28	#4 or #5 or #27 Publication Year from 1995 to 2015

Database name: HealthEvidence.org

Strategy

All published reviews filed under drug use/abuse were retrieved for sifting (n = 129). This approach was chosen as it was thought to be more time-efficient than translating the search strategy used in DARE.

Database name: Campbell library

Strategy

All published reviews (n = 113) were browsed. References to relevant reviews were downloaded for sifting. This approach was chosen as it was thought to be more time-efficient than translating the search strategy used in DARE.

Database name: DoPHER

Strategy

- 1 Freetext (All but Authors): Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic*
- 2 Freetext (All but Authors): ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid"
- 3 Freetext (All but Authors): use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*
- 4 1 OR 2
- 5 3 AND 4
- 6 Freetext (All but Authors): Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or piers or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS
- 7 5 OR 6

9	Freetext (Year): 1995-2015
10	7 AND 9

Database name: NIHR systematic reviews programme website

Strategy

Browsed all systematic review projects (n = 158) & public health research evidence synthesis projects (n = 21). One additional (i.e. non-Cochrane) systematic review found.

Database name: guideline.gov

Strategy

Note: Difficult to search effectively due to basic search function (for example, one can't search within the titles of guidelines; use proximity or go over a certain number of words in the search box). We carried out a limited number of searches for high specificity keywords (below)

"drug use" AND prevent* - 104 results
 "drug misuse" AND prevent* - 14 results
 "drug abuse" AND prevent* - 33 results
 "substance use" AND prevent* - 79 results
 "substance misuse" AND prevent* - 20 results
 "substance abuse" AND prevent* - 76 results
 cannab* or illicit or "illegal" or psychoactive or polydrug or "poly drug" or "street drug*" - 77 results

4 results input into Endnote after sifting on-screen.

2A.3 Search step 2: Backwards citation searches

109³ 'seed' references (topic-relevant reviews identified during step 1) were searched for by title in Web of Science (WoS).

If a seed reference was available in WoS then any backwards citations which could be downloaded from Web of Science's Core Collection were imported into Endnote.

Citation searching was carried out between the 10th and 13th July 2015.

In total 3220 references were imported into Endnote at this stage.

2A.4 Search step 3: Recent evidence

Note: for steps 3 and 4 the search was run in a way that specified that the retrieved results must have at least one keyword for either drug misuse or prevention in the title, or applied as a major subject headings. This decision was made in order to maintain reasonable precision in the searches, with the recognition that there may be some impact on search sensitivity.

Database name	Date searched	Database Platform	Database segment or version	No. of results
Medline & Medline in-process	7th July 2015. Due to a problem with Medline in-process at the time of the original searches an additional 26 records that were "misfiled" (i.e. not retrievable) on 7th July were subsequently added on 6th November 2015. The date	Ovid	1946-	4715 + 26 additional 'misfiled' Medline in-process records

³ If a full list of seed references is required for any of the citation searching steps then please contact NICE.

Drug misuse prevention: Appendix 2 to Evidence Review 2
 Search strategies

	for updating should still be considered as 7th July.			
Embase	7th July 2015	Ovid	1974 – July 06 2015	2998
PsychInfo	8th July 2015	Ovid	2002 to June Week 5 2015	3901
Social Policy & Practice	8th July 2015	Ovid	04/2015	255
CENTRAL	8th July 2015	Wiley	6/12 June 2015	382
HTA	8th July 2015	Wiley	2/4 April 2015	5
TRoPHI	8th July 2015	-	-	14
Social Care Online	8th July 2015	-	-	88
Total				12384

Database name: Medline & Medline In-Process

Strategy
1 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti.
2 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti.
3 *street drugs/
4 *designer drugs/
5 *Substance-Related Disorders/pc
6 *Amphetamine-Related Disorders/pc
7 *Cocaine-Related Disorders/pc
8 *Inhalant Abuse/pc
9 *Marijuana Abuse/pc
10 *Opioid-Related Disorders/pc
11 *Phencyclidine Abuse/pc
12 *Substance Abuse, Intravenous/pc
13 *Drug-Seeking Behavior/
14 *Marijuana Smoking/pc
15 *Performance-Enhancing Substances/
16 or/1-15
17 Preventive Health Services/
18 Primary Prevention/
19 Secondary Prevention/
20 prevent*.ti,ab.
21 (avoid* or refus*).ti,ab.
22 (abstention or abstinen* or abstain*).ti,ab.
23 or/17-22
24 16 and 23
25 24
26 limit 25 to (english language and yr="2010 -Current")
27 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti,ab.
28 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab.
29 street drugs/
30 designer drugs/
31 Substance-Related Disorders/pc
32 Amphetamine-Related Disorders/pc
33 Cocaine-Related Disorders/pc
34 Inhalant Abuse/pc
35 Marijuana Abuse/pc
36 Opioid-Related Disorders/pc
37 Phencyclidine Abuse/pc
38 Substance Abuse, Intravenous/pc
39 Drug-Seeking Behavior/
40 Marijuana Smoking/pc
41 Performance-Enhancing Substances/
42 or/27-41
43 *Preventive Health Services/
44 *Primary Prevention/
45 *Secondary Prevention/
46 prevent*.ti.
47 (avoid* or refus*).ti.
48 (abstention or abstinen* or abstain*).ti.

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

49 or/43-48
50 42 and 49
51 50
52 limit 51 to (english language and yr="2010 -Current")
53 26 or 52
54 53 not (animals/ not (animals/ and humans/))
55 (hiv adj prevent*).tw.
56 54 not 55
57 hepatitis.ti.
58 56 not 57
59 (rat or rats or mouse or mice).ti.
60 58 not 59

Database name: Embase

Strategy

1 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*).ti.
2 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti.
3 *street drug/
4 *designer drug/
5 *illicit drug/
6 or/1-5
7 prevention/ or prevention study/
8 Primary Prevention/
9 Secondary Prevention/
10 prevent*.ti,ab.
11 avoid*.mp. or refus*.ti,ab. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword]
12 (abstention or abstinen* or abstain*).ti,ab.
13 or/7-12
14 6 and 13
15 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*).ti,ab.
16 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab.
17 street drug/
18 designer drug/
19 illicit drug/
20 or/15-19
21 *prevention/ or *prevention study/
22 *Primary Prevention/
23 *Secondary Prevention/
24 prevent*.ti.
25 (avoid* or refus*).ti.
26 (abstention or abstinen* or abstain*).ti.
27 or/21-26
28 20 and 27
29 exp *drug dependence/pc [Prevention]
30 *analgesic agent abuse/pc
31 *doping/pc
32 *inhalant abuse/pc
33 *intravenous drug abuse/pc
34 exp *"cannabis use"/pc
35 *"substance use"/pc

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

36 *cannabis smoking/pc
37 *drug abuse/pc [Prevention]
38 or/29-37
39 14 or 28 or 38
40 39
41 limit 40 to (english language and yr="2010 -Current")
42 nonhuman/ not (human/ and nonhuman/
43 41 not 42
44 43 not (rat or rats or mouse or mice).ti.
45 44 not hepatitis.ti.
46 45 not (hiv adj prevent*).tw.
47 limit 46 to (conference abstract or conference paper or conference proceeding or "conference review" or editorial or note)
48 46 not 47
49 limit 48 to embase

Database name: PsychInfo

Strategy

1 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*).ti.
2 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti.
3 or/1-2
4 prevent*.ti,ab.
5 (avoid* or refus*).ti,ab.
6 (abstention or abstinen* or abstain*).ti,ab.
7 or/4-6
8 3 and 7
9 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*).ti,ab.
10 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab.
11 or/9-10
12 prevent*.ti.
13 (avoid* or refus*).ti.
14 (abstention or abstinen* or abstain*).ti.
15 or/12-14
16 11 and 15
17 exp *Drug Abuse Prevention/
18 8 or 16 or 17
19 (hiv adj prevent*).tw.
20 18 not 19
21 hepatitis.ti.
22 20 not 21
23 (rat or rats or mouse or mice).ti.
24 22 not 23
25 limit 24 to (english language and yr="2010 -Current")
26 exp animals/
27 26
28 limit 27 to human
29 25 not (26 not 28)

Database name: Social Policy & Practice

Strategy

Drug misuse prevention: Appendix 2 to Evidence Review 2

Search strategies

1 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti,sh.

2 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,sh.

3 or/1-2

4 prevent*.ti,ab,sh.

5 (avoid* or refus*).ti,ab,sh.

6 (abstention or abstinen* or abstain*).ti,ab,sh.

7 or/4-6

8 3 and 7

9 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti,ab,sh.

10 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab,sh.

11 or/9-10

12 prevent*.ti,sh.

13 (avoid* or refus*).ti,sh.

14 (abstention or abstinen* or abstain*).ti,sh.

15 or/12-14

16 11 and 15

17 8 or 16

18 17

19 limit 18 to yr="2010 -Current"

20 19 not (hepatitis.ti. or (hiv adj prevent*).tw.)

Database name: CENTRAL/HTA

Strategy	
ID	Search
#1	((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) near/4 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)):ti
#2	(Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "butyl nitrite" or "new* psychoactive" or "novel psychoactive" or NPS or NPSS):ti
#3	[mh ^"street drugs" [mj]]
#4	[mh ^"designer drugs" [mj]]
#5	[mh ^"substance-related disorders" [mj]/PC]
#6	[mh ^"amphetamine-related disorders" [mj]/PC]
#7	[mh ^"cocaine-related disorders" [mj]/PC]
#8	[mh ^"Inhalant Abuse" [mj]/PC]
#9	[mh ^"marijuana Abuse" [mj]/PC]
#10	[mh ^"Opioid-Related Disorders" [mj]/PC]
#11	[mh ^"Phencyclidine Abuse" [mj]/PC]
#12	[mh ^"Substance Abuse, Intravenous" [mj]/PC]
#13	[mh ^"Drug-Seeking Behavior" [mj]]
#14	[mh ^"Marijuana Smoking" [mj]/PC]
#15	[mh ^"Performance-Enhancing Substances" [mj]]
#16	{or #1-#15}
#17	MeSH descriptor: [Preventive Health Services] this term only
#18	MeSH descriptor: [Primary Prevention] this term only
#19	MeSH descriptor: [Secondary Prevention] this term only

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

#20	prevent*.ti,ab
#21	(avoid* or refus*) .ti,ab
#22	(abstention or abstinen* or abstain*) .ti,ab
#23	{or #17-#22}
#24	#16 and #23
#25	((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*") near/4 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)):ti,ab
#26	(Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedellic* or pcp or phencyclidine or ped or peds or pied or pids or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new* psychoactive" or "novel psychoactive" or NPS or NPSS):ti,ab
#27	MeSH descriptor: [Street Drugs] this term only
#28	MeSH descriptor: [Designer Drugs] this term only
#29	MeSH descriptor: [Substance-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#30	MeSH descriptor: [Amphetamine-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#31	MeSH descriptor: [Cocaine-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#32	MeSH descriptor: [Inhalant Abuse] this term only and with qualifier(s): [Prevention & control - PC]
#33	MeSH descriptor: [Marijuana Abuse] this term only and with qualifier(s): [Prevention & control - PC]
#34	MeSH descriptor: [Opioid-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#35	MeSH descriptor: [Phencyclidine Abuse] this term only and with qualifier(s): [Prevention & control - PC]
#36	MeSH descriptor: [Substance Abuse, Intravenous] this term only and with qualifier(s): [Prevention & control - PC]
#37	MeSH descriptor: [Drug-Seeking Behavior] this term only
#38	MeSH descriptor: [Marijuana Smoking] this term only and with qualifier(s): [Prevention & control - PC]
#39	MeSH descriptor: [Performance-Enhancing Substances] this term only
#40	{or #25-#39}
#41	[mh ^"preventive health services" [mj]]
#42	[mh ^"primary prevention" [mj]]
#43	[mh ^"secondary prevention" [mj]]
#44	prevent*.ti
#45	(avoid* or refus*) .ti
#46	(abstention or abstinen* or abstain*) .ti
#47	{or #41-#46}
#48	#47 and #40
#49	#24 or #48 Publication Year from 2010
#50	hepatitis:ti
#51	HIV next prevent*.ti,ab
#52	prevent* next HIV:ti,ab
#53	#49 not (#50 or #51 or #52)

Database name: TRoPHI

Strategy	
Search #	Search
3	Fretext: ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) AND (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*))
5	Fretext: (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

	mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcpc or phencyclidine or ped or peds or pied or pieds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS)
6	Focus of the report: drugs
7	3 OR 5 OR 6
11	Freetext: prevent*
12	Freetext: avoid*
14	Freetext: refus*
16	Freetext: abstention
17	Freetext: abstinen*
19	Freetext: abstain*
20	11 OR 12 OR 14 OR 16 OR 17 OR 19
21	7 AND 20
26	Freetext: 2010
28	Freetext: 2011
30	Freetext: 2012
32	Freetext: 2013
34	Freetext: 2014
36	Freetext: 2015
37	26 OR 28 OR 30 OR 32 OR 34 OR 36
38	21 AND 37

Database name: Social Care Online

Strategy

Note - search function is quite constrained - no proximity option, crashes for compound searches within individual lines. Hence two separate, abbreviated translations of the Medline search were used.

Search 1

TITLE: prevent* OR avoid* or refus* OR abstention or abstinen* or abstain*

AND

ALL FIELDS: Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*" or Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcpc or phencyclidine or ped or peds or pied or pieds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS

AND

PUBLICATION YEAR: 2010 - 2015

Search 2

ALL FIELDS: prevent* OR avoid* or refus* OR abstention or abstinen* or abstain*

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

AND

TITLE: Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*" or Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS

AND

PUBLICATION YEAR: 2010 - 2015

2A.5 Search step 4: Top-up/gap search

Following sifting of results from steps 1 to 3 it was decided that this round of searching should focus on identifying potential gaps in the evidence for review 2 (“How acceptable are interventions that people currently receive?” and “What interventions and support do people feel might be more effective?”). Retrieved references were still considered for both review 1 and review 2.

Database name	Date searched	Database Platform	Database segment or version	No. of results
Medline & Medline in-process	20th August 2015	Ovid	1946 - date	1985
Embase	20th August 2015	Ovid	1974 - 2015 August 19th	1943
PsychInfo	20th August 2015	Ovid	1987 - August wk 2 2015	2525
Social Policy & Practice	20th August 2015	Ovid	07/2015	303
CENTRAL	21st August 2015	Wiley	7/12 July 2015	276
HTA	20th August 2015	Wiley	3/4 July 2015	-
TRoPHI	20th August 2015	-	-	n/a – database crashed on date of searches
Social Care Online	21st August 2015	-	-	60 + 88
Total				7180

Database name: Medline & Medline in-process (reformulated version)

Strategy
1 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti,ab.
2 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab.
3 street drugs/
4 designer drugs/
5 Substance-Related Disorders/pc
6 Amphetamine-Related Disorders/pc
7 Cocaine-Related Disorders/pc
8 Inhalant Abuse/pc
9 Marijuana Abuse/pc
10 Opioid-Related Disorders/pc
11 Phencyclidine Abuse/pc
12 Substance Abuse, Intravenous/pc
13 Drug-Seeking Behavior/
14 Marijuana Smoking/pc
15 Performance-Enhancing Substances/
16 or/1-15
17 *Preventive Health Services/
18 *Primary Prevention/
19 *Secondary Prevention/
20 prevent*.ti.
21 (avoid* or refus*).ti.

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

22 (abstention or abstinen* or abstain*).ti.
23 or/17-22
24 16 and 23
25 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-
active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or
inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid*
or hallucinogen* or "anabolic steroid**")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or
problem* or taking or take* or experiment*).ti.
26 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or
amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or
methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or
"performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or
nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti.
27 *street drugs/
28 *designer drugs/
29 *Substance-Related Disorders/pc
30 *Amphetamine-Related Disorders/pc
31 *Cocaine-Related Disorders/pc
32 *Inhalant Abuse/pc
33 *Marijuana Abuse/pc
34 *Opioid-Related Disorders/pc
35 *Phencyclidine Abuse/pc
36 *Substance Abuse, Intravenous/pc
37 *Drug-Seeking Behavior/
38 *Marijuana Smoking/pc
39 *Performance-Enhancing Substances/
40 or/25-39
41 Preventive Health Services/
42 Primary Prevention/
43 Secondary Prevention/
44 prevent*.ti,ab.
45 (avoid* or refus*).ti,ab.
46 (abstention or abstinen* or abstain*).ti,ab.
47 or/41-46
48 40 and 47
49 24 or 48
50 Qualitative Research/
51 Interview.pt.
52 Questionnaires/
53 Narration/
54 data collection/ or focus groups/
55 (qualitative* or interview* or "focus group*" or questionnaire* or narrative* or narration* or
survey*).ti,ab.
56 (ethno* or emic or etic or realist or phenomenolog* or "grounded theory" or "constant compar*" or
(thematic* adj4 analys*) or "theoretical sampl*" or "purposive sampl*").ti,ab.
57 (metasynthes* or "meta-synthes*" or "metasummar*" or "meta-summar*" or metastud* or "meta-
stud*" or metathem* or "meta-them*").ti,ab.
58 or/50-57
59 accept*.ti,ab.
60 (percep* or perceived).ti,ab.
61 opinion*.ti,ab.
62 attitude*.ti,ab.
63 Attitude/
64 resist*.ti,ab.
65 barrier*.ti,ab.
66 communication barriers/
67 facilitat*.ti,ab.
68 receptiv*.ti,ab.
69 complian*.ti,ab.
70 comply.ti,ab.
71 concord*.ti,ab.
72 (experience* or (research adj3 participat*) or "mixed method*" or (integrated adj (approach* or
method*))).ti,ab.
73 or/59-72
74 49 and (58 or 73)
75 (hiv adj prevent*).ti,ab.
76 (hepatitis or coronary or heart or renal or kidney or epilep*).ti.

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

77 animals/
78 (rat or rats or mouse or mice).ti.
79 or/75-78
80 74 not 79
81 limit 80 to english language
82 limit 81 to (comment or congresses or editorial or in vitro)
83 81 not 82
84 83
85 limit 84 to yr="1995 - 2009"
86 (program* or intervention* or approach* or campaign* or project* or curricul* or service* or policy or policies).ti,ab.
87 intervention studies/
88 86 or 87
89 85 and 88

Database name: Embase

Strategy

1 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti.
2 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS).ti.
3 *street drug/
4 *designer drug/
5 *illicit drug/
6 or/1-5
7 prevention/ or prevention study/
8 Primary Prevention/
9 Secondary Prevention/
10 prevent*.ti,ab.
11 (avoid* or refus*).ti,ab.
12 (abstention or abstinen* or abstain*).ti,ab.
13 or/7-12
14 6 and 13
15 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti,ab.
16 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab.
17 street drug/
18 designer drug/
19 illicit drug/
20 or/15-19
21 *prevention/ or *prevention study/
22 *Primary Prevention/
23 *Secondary Prevention/
24 prevent*.ti.
25 (avoid* or refus*).ti.
26 (abstention or abstinen* or abstain*).ti.
27 or/21-26
28 20 and 27
29 exp *drug dependence/pc [Prevention]
30 *analgesic agent abuse/pc
31 *doping/pc
32 *inhalant abuse/pc

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

33	*intravenous drug abuse/pc
34	exp *"cannabis use"/pc
35	**"substance use"/pc
36	*cannabis smoking/pc
37	*drug abuse/pc [Prevention]
38	or/29-37
39	14 or 28 or 38
40	39
41	limit 40 to (english language and yr="1995 - 2009")
42	nonhuman/
43	41 not 42
44	43 not (rat or rats or mouse or mice).ti.
45	44 not (hepatitis or coronary or heart or renal or kidney or epilep*).ti.
46	45 not (hiv adj prevent*).tw.
47	limit 46 to (conference abstract or conference paper or conference proceeding or "conference review" or editorial or note)
48	46 not 47
49	limit 48 to embase
50	accept*.ti,ab.
51	(percep* or perceived).ti,ab.
52	opinion*.ti,ab.
53	attitude*.ti,ab.
54	attitude/
55	resist*.ti,ab.
56	barrier*.ti,ab.
57	facilitat*.ti,ab.
58	receptiv*.ti,ab.
59	complan*.ti,ab.
60	comply.ti,ab.
61	concord*.ti,ab.
62	(experience* or (research adj3 participat*) or "mixed method*" or (integrated adj (approach* or method*))).ti,ab.
63	or/50-62
64	(qualitative* or interview* or "focus group*" or questionnaire* or narrative* or narration* or survey*).ti,ab.
65	(ethno* or emic or etic or realist or phenomenolog* or "grounded theory" or "constant compar*" or (thematic* adj4 analys*) or "theoretical sampl*" or "purposive sampl*").ti,ab.
66	(metasynthes* or "meta-synthes*" or "metasummar*" or "meta-summar*" or metastud* or "meta-stud*" or metathem* or "meta-them*").ti,ab.
67	qualitative analysis/ or qualitative research/
68	exp interview/
69	exp questionnaire/
70	ethnography/
71	thematic analysis/
72	or/64-71
73	48 and (63 or 72)
74	(program* or intervention* or approach* or campaign* or project* or curricul* or service* or policy or policies).ti,ab.
75	intervention study/
76	74 or 75
77	73 and 76

Database name: PsychInfo

Strategy	
1	((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or opioid* or hallucinogen* or "anabolic steroid*")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*).ti.
2	(Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti.
3	or/1-2
4	prevent*.ti,ab.
5	(avoid* or refus*).ti,ab.

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

6 (abstention or abstinen* or abstain*).ti,ab.
7 or/4-6
8 3 and 7
9 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-
active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or
inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid*
or hallucinogen* or "anabolic steroid**")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or
problem* or taking or take* or experiment*).ti,ab.
10 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or
amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or
methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or
"performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or
nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab.
11 or/9-10
12 prevent*.ti.
13 (avoid* or refus*).ti.
14 (abstention or abstinen* or abstain*).ti.
15 or/12-14
16 11 and 15
17 exp *Drug Abuse Prevention/
18 8 or 16 or 17
19 (hiv adj prevent*).tw.
20 18 not 19
21 (hepatitis or coronary or heart or renal or kidney or epilep*).ti.
22 20 not 21
23 (rat or rats or mouse or mice).ti.
24 22 not 23
25 limit 24 to yr="1995 - 2009"
26 exp animals/
27 26
28 limit 27 to human
29 25 not (26 not 28)
30 accept*.ti,ab.
31 (percep* or perceived).ti,ab.
32 opinion*.ti,ab.
33 attitude*.ti,ab.
34 resist*.ti,ab.
35 barrier*.ti,ab.
36 receptiv*.ti,ab.
37 complian*.ti,ab.
38 comply.ti,ab.
39 concord*.ti,ab.
40 attitudes/ or adolescent attitudes/
41 facilitat*.ti,ab.
42 resistance/
43 communication barriers/
44 compliance/
45 or/30-44
46 (qualitative* or interview* or "focus group*" or questionnaire* or narrative* or narration* or
survey*).ti,ab.
47 (ethno* or emic or etic or realist or phenomenolog* or "grounded theory" or "constant compar*" or
(thematic* adj4 analys*) or "theoretical sampl*" or "purposive sampl*).ti,ab.
48 (metasynthes* or "meta-synthes*" or "metasummar*" or "meta-summar*" or metastud* or "meta-
stud*" or metathem* or "meta-them*).ti,ab.
49 qualitative research/
50 interviews/
51 group discussion/
52 Questionnaires/
53 exp Surveys/
54 ethnography/
55 (experience* or (research adj3 participat*) or "mixed method*" or (integrated adj (approach* or
method*))).ti,ab.
56 or/46-55
57 29 and (45 or 56)
58 57
59 limit 58 to english language
60 exp intervention/

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

61 (program* or intervention* or approach* or campaign* or project* or curricul* or service* or policy or policies).ti,ab.
62 60 or 61
63 59 and 62

Database name: Social Policy & Practice

Strategy

1 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid**")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti,sh.
2 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcpc or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,sh.
3 or/1-2
4 prevent*.ti,ab,sh.
5 (avoid* or refus*).ti,ab,sh.
6 (abstention or abstinen* or abstain*).ti,ab,sh.
7 or/4-6
8 3 and 7
9 ((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or (ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid**")) adj3 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)).ti,ab,sh.
10 (Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcpc or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or ((amyl or butyl) adj (nitrate or nitrite)) or "new* psychoactive" or "novel psychoactive" or NPS or NPSS).ti,ab,sh.
11 or/9-10
12 prevent*.ti,sh.
13 (avoid* or refus*).ti,sh.
14 (abstention or abstinen* or abstain*).ti,sh.
15 or/12-14
16 11 and 15
17 8 or 16
18 17
19 limit 18 to yr="1995 - 2009"
20 19 not ((hepatitis or coronary or heart or renal or kidney or epilep*).ti. or (hiv adj prevent*).tw.)
21 accept*.ti,ab,sh.
22 (percep* or perceived).ti,ab,sh.
23 opinion*.ti,ab,sh.
24 attitude*.ti,ab,sh.
25 resist*.ti,ab,sh.
26 barrier*.ti,ab,sh.
27 facilitat*.ti,ab,sh.
28 receptiv*.ti,ab,sh.
29 complian*.ti,ab,sh.
30 comply.ti,ab,sh.
31 concord*.ti,ab,sh.
32 (experience* or (research adj3 participat*) or "mixed method*" or (integrated adj (approach* or method*))).ti,ab,sh.
33 or/21-32
34 (qualitative* or interview* or "focus group*" or questionnaire* or narrative* or narration* or survey*).ti,ab,sh.
35 (ethno* or emic or etic or realist or phenomenolog* or "grounded theory" or "constant compar*" or (thematic* adj4 analys*) or "theoretical sampl*" or "purposive sampl*").ti,ab,sh.
36 (metasynthes* or "meta-synthes*" or "metasummar*" or "meta-summar*" or metastud* or "meta-stud*" or metathem* or "meta-them*").ti,ab,sh.
37 or/34-36
38 20 and (33 or 37)
39 (program* or intervention* or approach* or campaign* or project* or curricul* or service* or policy or policies).ti,ab,sh.

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

40 38 and 39

Database name: CENTRAL/HTA

Strategy

ID	Search
#1	((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*") near/4 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)):ti
#2	(Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephadrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or piers or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new* psychoactive" or "novel psychoactive" or NPS or NPSS or mephedrone):ti
#3	[mh ^"street drugs" [mj]]
#4	[mh ^"designer drugs" [mj]]
#5	[mh ^"substance-related disorders" [mj]/PC]
#6	[mh ^"amphetamine-related disorders" [mj]/PC]
#7	[mh ^"cocaine-related disorders" [mj]/PC]
#8	[mh ^"Inhalant Abuse" [mj]/PC]
#9	[mh ^"marijuana Abuse" [mj]/PC]
#10	[mh ^"Opioid-Related Disorders" [mj]/PC]
#11	[mh ^"Phencyclidine Abuse" [mj]/PC]
#12	[mh ^"Substance Abuse, Intravenous" [mj]/PC]
#13	[mh ^"Drug-Seeking Behavior" [mj]]
#14	[mh ^"Marijuana Smoking" [mj]/PC]
#15	[mh ^"Performance-Enhancing Substances" [mj]]
#16	{or #1-#15}
#17	MeSH descriptor: [Preventive Health Services] this term only
#18	MeSH descriptor: [Primary Prevention] this term only
#19	MeSH descriptor: [Secondary Prevention] this term only
#20	prevent*:ti,ab
#21	(avoid* or refus*):ti,ab
#22	(abstention or abstinen* or abstain*):ti,ab
#23	{or #17-#22}
#24	#16 and #23
#25	((Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*") near/4 (use* or abus* or misuse* or "mis-use*" or refus* or problem* or taking or take* or experiment*)):ti,ab
#26	(Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephadrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or piers or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new* psychoactive" or "novel psychoactive" or NPS or NPSS or mephedrone):ti,ab
#27	MeSH descriptor: [Street Drugs] this term only
#28	MeSH descriptor: [Designer Drugs] this term only
#29	MeSH descriptor: [Substance-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#30	MeSH descriptor: [Amphetamine-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#31	MeSH descriptor: [Cocaine-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#32	MeSH descriptor: [Inhalant Abuse] this term only and with qualifier(s): [Prevention & control - PC]
#33	MeSH descriptor: [Marijuana Abuse] this term only and with qualifier(s): [Prevention & control - PC]
#34	MeSH descriptor: [Opioid-Related Disorders] this term only and with qualifier(s): [Prevention & control - PC]
#35	MeSH descriptor: [Phencyclidine Abuse] this term only and with qualifier(s): [Prevention & control - PC]
#36	MeSH descriptor: [Substance Abuse, Intravenous] this term only and with qualifier(s): [Prevention & control - PC]

Drug misuse prevention: Appendix 2 to Evidence Review 2

Search strategies

#37	MeSH descriptor: [Drug-Seeking Behavior] this term only
#38	MeSH descriptor: [Marijuana Smoking] this term only and with qualifier(s): [Prevention & control - PC]
#39	MeSH descriptor: [Performance-Enhancing Substances] this term only
#40	{or #25-#39}
#41	[mh ^"preventive health services" [mj]]
#42	[mh ^"primary prevention" [mj]]
#43	[mh ^"secondary prevention" [mj]]
#44	prevent*:ti
#45	(avoid* or refus*):ti
#46	(abstention or abstinen* or abstain*):ti
#47	{or #41-#46}
#48	#47 and #40
#49	#24 or #48 Publication Year from 1995 to 2009
#50	hepatitis or coronary or heart or renal or kidney or epilep*:ti
#51	HIV next prevent*:ti,ab
#52	prevent* next HIV:ti,ab
#53	#49 not (#50 or #51 or #52)
#54	accept*:ti,ab
#55	(percep* or perceived):ti,ab
#56	opinion*:ti,ab
#57	attitude*:ti,ab
#58	MeSH descriptor: [Attitude] this term only
#59	resist*:ti,ab
#60	barrier*:ti,ab
#61	MeSH descriptor: [Communication Barriers] this term only
#62	facilitat*:ti,ab
#63	receptiv*:ti,ab
#64	complan*:ti,ab
#65	comply:ti,ab
#66	concord*:ti,ab
#67	{or #54-#66}
#68	(qualitative* or interview* or (focus next group*) or questionnaire* or narrative* or narration* or survey*):ti,ab
#69	(ethno* or emic or etic or realist or phenomenolog* or "grounded theory" or "constant compar*" or (thematic* near/4 analys*) or "theoretical sampl*" or "purposive sampl*"):ti,ab
#70	(metasynthes* or "meta-synthes*" or "metasummar*" or "meta-summar*" or metastud* or "meta-stud*" or metathem* or "meta-them*"):ti,ab
#71	MeSH descriptor: [Qualitative Research] this term only
#72	interview:pt
#73	MeSH descriptor: [Questionnaires] this term only
#74	MeSH descriptor: [Narration] this term only
#75	MeSH descriptor: [Data Collection] this term only
#76	MeSH descriptor: [Focus Groups] this term only
#77	(experience* or (research near/4 participat*) or "mixed method*" or (integrated next (approach* or method*)):ti,ab
#78	{or #68-#77}
#79	#53 and (#67 or #78)
#80	(program* or intervention* or approach* or campaign* or project* or curricul* or service* or policy or policies):ti,ab
#81	MeSH descriptor: [Intervention Studies] this term only
#82	#80 or #81
#83	#79 and #82

Database name: Social Care Online

Strategies

Title: prevent* OR avoid* or refus* OR abstention or abstinen* or abstain*

AND

All fields: Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*" or Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS

AND
All fields: accept* OR percep* OR perceived OR opinion* OR attitude* OR resist* OR barrier* OR facilitat* OR receptiv* OR complian* OR comply OR concord* OR qualitative* or interview* or focus group* or questionnaire* or narrative* or narration* or survey* or ethno* or emic or etic or realist or phenomenolog* or grounded theory or constant compar* or thematic* analys* or theoretical sampl* or purposive sampl* or metasynthes* or meta-synthes* or metasummar* or meta-summar* or metastud* or meta-stud* or metathem* or meta-them* or experience* or participat* or method* or integrated
AND
(program* or intervention* or approach* or campaign* or project* or curricul* or service* or policy or policies)
AND
Publication year: 1995-2009

All fields: prevent* OR avoid* or refus* OR abstention or abstinen* or abstain*
AND
Title: Drug* or substance* or polydrug or "poly-drug" or "legal high*" or psychoactive* or "psycho-active*" or psychotropic* or ketamine or speed or spice or cocaine or crack or mushroom* or solvent* or inhalant or "nitrous oxide" or "laughing gas" or benzodiazepine* or tranquiliser* or tranquilizer* or opioid* or hallucinogen* or "anabolic steroid*" or Cannab* or marijuana or skunk or ecstasy or MDMA or LSD or "lysergic acid diethylamide" or amphetamine* or amfetamin* or mephedrone or mkat or "meow meow" or meth or methamphetamine or methamfetamin* or psychedelic* or pcp or phencyclidine or ped or peds or pied or peds or "performance enhancing" or "image enhancing" or heroin or poppers or "amyl nitrate" or "amyl nitrite" or "butyl nitrate" or "butyl nitrite" or "new psychoactive" or "newer psychoactive" or "novel psychoactive" or NPS or NPSS
AND
All fields: accept* OR percep* OR perceived OR opinion* OR attitude* OR resist* OR barrier* OR facilitat* OR receptiv* OR complian* OR comply OR concord* OR qualitative* or interview* or focus group* or questionnaire* or narrative* or narration* or survey* or ethno* or emic or etic or realist or phenomenolog* or grounded theory or constant compar* or thematic* analys* or theoretical sampl* or purposive sampl* or metasynthes* or meta-synthes* or metasummar* or meta-summar* or metastud* or meta-stud* or metathem* or meta-them* or experience* or participat* or method* or integrated
AND
(program* or intervention* or approach* or campaign* or project* or curricul* or service* or policy or policies)
AND
Publication year: 1995-2009

2A.6 Search step 5: Website searches

Source	Date searched	Search terms	No. Retrieved
NIHR Public Health Research Programme http://www.nets.nihr.ac.uk/projects	4th August 2015	Browsed	0 published studies. 3 ongoing studies of note (not imported but flagged for analysts): PHR - 14/153/02: The Novel Psychoactive Substances in the UK Project (NPS-UK) PHR - 14/153/01: Variation and Determinants of Novel Psychoactive Substance (NPS) Use: Potential Implications for Policy and Practice PHR - 12/153/19 The effects of Positive Youth Development interventions on substance use, violence and inequalities: systematic review of theories of change, processes and outcomes
Advisory Council on the Misuse of Drugs https://www.gov.uk/government/publications?department	4th August 2015	prevent* OR avoid* or refus* OR abstention or abstinen* or	1 + 3 from original scoping searches.

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

ents%5B%5D=advisory-council-on-the-misuse-of-drugs		abstain* Browsed for any publications released since scoping searches	
European Monitoring Centre for Drugs and Drug Addiction http://www.emcdda.europa.eu/publications	4th August 2015	Browsed all publications	11 imported.
UN Office on Drugs & Crime https://www.unodc.org/unodc/en/drug-prevention-and-treatment/publications.html	4th August 2015	Browsed all publications under 'drug prevention and treatment section' (see link to left)	4 imported.
Organization of American States http://www.cicad.oas.org/Main/Template.asp?File=/reduccion_demanda/Pubs_ENG.asp	4th August 2015	Browsed all publications in 'demand reduction' section (see link to left)	Nothing relevant found.

2A.7 Search step 6: Named programme search

Database name	Date searched	Database Platform	Database segment or version	Saved search account	No. of results
Medline & Medline in-process	13th August 2015	Ovid	1946-	NICECPHE	530
Medline & Medline in-process	28th August 2015	Ovid	1946-	NICECPHE	863
Total					1393

List of named programmes searched for:

Good life (approach)	Communities that care
EARLY ALLIANCE	Keepin' it Real (R.E.A.L.)
Project CHAT	Preparing for the Drug Free Years (PDFY)
PEPS (Prevention Enhancement Protocols System)	Woodrock Youth Development Project (YDP)
SBIRT (Screening, Brief Intervention, and Referral for Treatment)	Across Ages
DARE (Drug abuse resistance education)	Prevention through Alternative Learning Styles (PALS)
Good Behaviour Game (GBG)	All Stars
Strengthening Families Program (SFP)	Strong African American Families - Teen (SAAF-T)
HOPE family project	Informed Parents and Children Together (ImPACT)
Early Risers "Skills for Success" Program	Family Advocacy Network (FAN Club)
Project ALERT	Positive Adolescent Life Skills (PALS) training
Teen Intervention Project	Adults in the Making (AIM)
Healthy School and Drugs Project	Project CHOICE
BRAVE (Building Resiliency and Vocational Excellence)	Middle School Success (MSS)
Project C.A.R.E	Climate Schools
Project STAR	Familias Unidas (Families United)
Project SAFE (Strengthening America's Families and Environment)	Linking Interests of Families and Teachers
SFA (Skills for Adolescence)	Youthoria
Friends in Need	Adolescent Transitions Program (ATP)
Familias que Funcionan ('Families that Work')	Risk Skills Training Program (RSTP)

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

Reconnecting Youth (RY)	Drug Idle
Refuse to Use	Drug-Free Communities Support Program
Focus on Families (AKA Families Facing the Future)	Ecologically-based Family Therapy
Family Competence Programme (FCP)	Home to Homeroom program
'On Track' multiple intervention programme	Housing First
Super Leaders peer-leadership training programme	Incredible Years Parenting Program
Seven Circles community substance abuse prevention coalition	Individual Prevention Services program
Right Turns Only (RTO)	Keighley Choices programme
Keep A Clear Mind	Life Skills Training
Narconon	Mersey Model of Harm Reduction
Police, Public Educators and Peers Utilizing the Leadership Skills of Students At Risk/As Resources (PULSAR)	Multidimensional
Rock Challenge	Treatment Foster Care
TUNNELS	New Beginnings Program
Take Charge of Your Life	Parents and Youth with Schools
Adolescent Cannabis Check-Up (ACCU)	Parents under Pressure
AIDS Evaluation of Street Outreach Project (AESOP)	Pathways Home manualized selective preventive intervention
ASPIRE	Positive Youth Development (PYD)
Boys and girls clubs	Project Alcohol and Substance Abuse Services Education and Referral to Treatment (ASSERT)
Campus Corps	Project SUCCESS
Therapeutic Mentoring for At-Risk Youth	Project Towards No Drug Abuse (TND)
Climate and Preventure	SAFE4KIDS
Change the Cycle	Social Personal Health Education (SPHE)
Clubs against Drugs	Staying Connected with Your Teen
Drug	Street Smart
Alcohol and Tobacco Education (DATE)	Strengthening Families Program (SFP)
	Strengths Based Case Management
	Substance Abuse and Mental Health Service Administration (SAMHSA) Strategic

Prevention Framework (SPF)	Treatment First
Community Reinforcement Approach	Weed-Check
The Ecstasy Check-up	Youth Injection Prevention project (YIP)
The Family Check-Up (FCU)	
Too Good for Drugs (TGFD)	Alcohol, tobacco, and other drug (ATOD) prevention program

Additional notes on search approach/construction at this stage
<p>The above named programmes were identified as possibly relevant following an initial (title & abstract) sift of the results for search steps 1-3. Additional programmes identified in later steps weren't included due to time constraints.</p> <p>The original intention was to use PubMed due to its slight currency advantage over Ovid Medline, however it quickly became apparent that PubMed was over-interpreting the query and imputing additional search terms, so the decision was made to switch to using Ovid Medline.</p> <p>In general, title and abstract searches were performed for both the full name and common acronym(s) for each programme, however some acronyms (for example CAP) were dropped if they were not used specifically in relation to a drug-misuse prevention programme.</p> <p>If a search line brought back more than 100 references it was combined with the drug-related terms from previous steps in order to reduce the number of hits relating to programmes which are used across multiple domains (for example drug misuse; smoking or juvenile delinquency).</p> <p>Three programmes with non-specific names (Can Stop; Moment; Strive) were excluded from searching. Searches were carried out in two batches, as outlined in the table above, for purely practical reasons.</p>

2A.8 Search steps 7 to 10: Additional citation searching

Each of these steps involved citation searching in Web of Science. References which could be downloaded from Web of Science's Core Collection were imported into Endnote.

Description	Date searched	Exported references
Step 7: Backwards citation searching based on two additional systematic reviews identified outside step 1.	8th October 2015	160
Step 8: Backwards & forwards citation searching based on 7 additional topic-relevant references flagged by the analysts. Most of these references were not available in WoS so additional steps taken to try to identify related publications. These additional steps are outlined below.	9th October 2015	60
Step 9: Backwards citation searching based on 35 included studies from steps 1-6.	19th October 2015	440
Step 10: Forwards citation searching based on 35 included studies from steps 1-6..	19th October 2015	680

Step 8 additional notes

Reference	Request from analyst	IS notes
Cunningham, P. B. et al (2001) Implementation of an empirically based drug and violence prevention and intervention program in public school settings. Journal of Clinical Child Psychology. 30 p.221-32	This is an implementation-type study with no effectiveness data reported. Can you forward citation search to see if an effectiveness study has subsequently been published?	17 forward citations downloaded from WoS.
Buncher, Robert M. (1997) The replicability and transferability of a school-based substance abuse prevention program to a community-based setting [Dissertation].	This is a dissertation abstract. Can you see if the full dissertation has been published anywhere?	Dissertation not found in WoS. No forward cites in Journals@Ovid or MS Academic Search. 2 forward cites in Google Scholar, neither are reporting the same study as the dissertation. The abstract is available here. The related programme is called Project KICK (Kids In Cooperation with Kids). Searched Medline, Psychinfo for: 1. "Project KICK".tw. 2. "Kids In Cooperation with Kids".tw. 3. 1 OR 2 1 reference retrieved from Medline, 6 from PsychInfo. Duplicate of seed reference and 2 obviously irrelevant references deleted. 4 remaining references imported to EndNote.
Chamberlain, Patricia et al. (2006) Preventing behavior problems and health-risking behaviors in girls in foster care. International Journal of Behavioral Consultation and Therapy. 2 p.518-530.	This paper reports the study design for an upcoming effectiveness evaluation; can you forward citation search to see if this evaluation has subsequently been published?	Reference not available in WoS but the study it refers to has been prospectively registered on clinicaltrials.gov. There are... 6 linked studies in CT.gov. PubMed records downloaded. 22 forward citations in Google Scholar, which were downloaded.
Dembo, Richard et al. (1999) Engaging high risk families in community based intervention services. Aggression and Violent Behaviour. 4 p.41-58.	There are no effectiveness data reported in this qualitative evaluation; can you citation search to see if an effectiveness study has been published?	2 forward citations in WoS 26 backward citations in WoS 8 downloadable from the two above sets.
Strout, Michelle (2007) Evidence-based practices for substance abuse prevention: Reports from the front line [dissertation].	This is a dissertation abstract. Can you see if the full dissertation has been published anywhere?	Not available in WoS. Only in Google Scholar as a citation (so no linked forward citations) Nothing in Ovid cited publications; Microsoft Academic search No other publications for the author in Pubmed, PsychInfo.
Chaney, Michael P., Brubaker, Michael D. (2012) Addiction in LGBTQ communities: Influences, treatment, and prevention. Special Issue: Addiction in LGBTQ Communities: Influences, Treatment, and Prevention. 6 p.234-236.	This is an editorial from a journal special issue. Can this particular issue be searched for its primary studies?	Downloaded 4 references on drug misuse directly from journal website.
Moyer, Virginia A., U. S. Preventive Services Task Force (2014) Primary care behavioral interventions to reduce illicit drug and	This is a clinical guideline. Can you citation search for the primary studies on which it's based?	7 references downloaded from WoS. Looking at the reference list I think the key source is likely to have been the systematic review by Patnode et al (2014) that we picked up in our step 1

Drug misuse prevention: Appendix 2 to Evidence Review 2
Search strategies

nonmedical pharmaceutical use in children and adolescents: U.S. Preventive Services Task Force recommendation statement. Annals of Internal Medicine. 160 p.634-9		searches.
---	--	-----------

2A.9 Search step 11: Addition of included studies from previous guideline (NICE PH4)

The reference list of NICE PH4, which had a different scope to the current guideline, was checked for additional studies which were published within the date cut-off for the current guideline.

96 references that hadn't already been sifted for the present guideline were identified from PH4. Of these, 90 were downloaded into Endnote. Two of the six remaining references were dissertations that were only available as citations rather than complete documents. The remaining four references came from the grey literature and had apparently been removed from the host organisations' websites.

An additional two references which were cited in the Evidence Update document for PH4 but not identified in any of the previous search steps were also added to the database for sifting.

2A.10 Post peer-review testing

The evidence review was peer reviewed before publication – a standard option in the NICE process. The reviewers suggested that an additional database search for randomised controlled trials may have been useful. This step was not included in the original protocol, in part because the inclusion criteria for the review require the identification of a broader range of study designs, and also because the review team felt that the approach outlined in the protocol was sufficient to identify randomised controlled trials (RCTs) with reasonable sensitivity and precision.

Following the peer reviewers' comments, NICE's Information Specialist tested the potential impact of additional RCT searching in Ovid Medline & Medline in-process.

The subject terms from step 3 were combined with NICE's standard RCT filter and a publication date limit (from 1995 onwards) was applied. 1328 references were retrieved. Based on the numbers retrieved for steps 3 and 4 this would imply an overall retrieval of around 3500 references if the exercise was repeated across other databases.

20 "on topic" references were selected to act as a test set. "On topic" in this instance means that the references were reporting RCTs of drug misuse prevention interventions: the type of material the search was aiming to find. It does not necessarily imply that these studies met the full inclusion criteria for the final review. The "on topic" references were found by sifting 92 references, selected from the full set of 1328 using the random number generator at www.random.org.

Of the 20 test references, 19 had already been picked up by NICE's search approach. The remaining reference would not have been includable in the final review as it discussed a universal rather than a targeted intervention.

The peer reviewers also suggested that additional search terms for novel psychoactive substances should have been included in the search. Additional terms (methoxetamine; O-desmethyltramadol; desoxypipradrol; 2-DPMP etc) had been mentioned in the scope document for the guideline but had not specifically been searched for. These terms were left out of the original searches as the review team felt it unlikely that such specific terminology would be used to discuss a prevention programme, in isolation from other terms.

Retrospectively, the step 3 searches were repeated in Medline and Medline in process with the addition of all terms for novel psychoactive substances mentioned in the guideline scope. The search yielded an additional 16 references. 15 of these did not discuss misuse at all and remaining reference was a non-interventional study.

The peer reviewers also noted that the word narcotic was not used as a search term. This was a genuine omission, however it would likely have been compensated for to some extent by the use of additional, broad search terms, thesaurus headings and citation searching.

To test this assumption, the step 3 searches were again repeated in Medline & Medline in process with the addition of the term narcotic*. This brought back only 7 additional references, none of which were interventional studies.

Given that the post-peer review Medline searching produced no further includable studies, the high degree of overlap between the review searches and the sample from the Medline RCT search, and the low conversion rate of potential-to-final-includes found during the full text sifting process, the review team concluded that further searching was not necessary following peer review.

Appendix 2B: Review Protocol

Review protocol for review question 2a: How acceptable are drug misuse prevention interventions that people currently receive; and review question 2b: What drug misuse prevention interventions and support do people feel might be more effective?

	Details	Additional comments
Review question 2a	How acceptable are drug misuse prevention interventions that people currently receive?	None.
Review question 2b	What drug misuse prevention interventions and support do people feel might be more effective?	None.
Language	English only	None.
Study design	All types of qualitative primary studies including surveys, interviews, case studies, or ethnographic or action research. Relevant data may also be extracted from quantitative studies including studies which met the inclusion criteria for evidence review 1.	None.
Setting	<p>Social environments where drugs may be available such as nightclubs, pubs, festivals and music venues.</p> <p>Fitness environments such as gyms and sporting events.</p> <p>Environments where drugs may be used in a sexual context (for example, 'chemsex' parties).</p> <p>Online and 'virtual' environments, including social media.</p> <p>Youth clubs and youth organisations.</p> <p>Schools, colleges and universities.</p> <p>Health, social care and other environments where interventions may be delivered, for example, primary health care services, sexual health services and custody suites.</p> <p>Interventions in prisons and young offender institutions will be excluded.</p> <p>Universal school based interventions (i.e. those not targeted at any of the population groups described) will be excluded.</p> <p>Interventions set in the workplace will be excluded (other NICE guidance covers workplace interventions).</p> <p>Included countries are: Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain,</p>	Countries: as described, the reviews will only include studies from countries in the European Union, Switzerland, Iceland, Norway, USA, Canada, New Zealand and Australia. All other countries are considered to have significant cultural differences to the UK and are therefore excluded.

Drug misuse prevention: Appendix 2 to Evidence Review 2

Review Protocol

	Details	Additional comments
	Sweden, Switzerland, Turkey, UK, USA.	
Population	<p>Following discussion with Liverpool HE team on 25/06/15, it has been agreed that only at risk population groups will be considered for the purposes of targeting. Only the 10 following population groups will be included:</p> <ul style="list-style-type: none"> people who have mental health problems people involved in commercial sex work or are being sexually exploited people who are lesbian, gay, bisexual or transgender people not in employment, education or training (including children and young people who are excluded from school or are regular truants) children and young people whose parents use drugs looked after children and young people children and young people who are in contact with young offender team but not in secure environments (prisons and young offender institutions) people who are considered homeless people who attend nightclubs and festivals people who are known to use drugs occasionally / recreationally 	<p>It is not possible to look at all populations who misuse drugs. The list identified represents the children, young people and adults who are most likely to start misusing drugs or who are already experimenting or who misuse drugs occasionally or who are risk of moving onto other drugs.</p> <p>The NICE team also considered if any particular ethnic groups should be included in the target population group list above. Based on 2013/14 statistics in Section 5 of the Crime Survey for England and Wales it was decided on 30/06/15 that ethnicity would not be covered in the population target group list.</p>
Intervention	Interventions will be included that have a stated and measured aim of enhancing personal and social skills, improving their self-confidence, increasing knowledge and awareness about the risks of drug use and/or increasing knowledge and awareness about how to reduce the risks and harms of drug use:	
	group-based skills training or information provision using lessons, talks and activities	For example, targeted refusal skills training in schools and colleges.
	one-to-one skills training, information provision and advice given as part of planned outreach activities	For example, for young people at festivals.
	one-to-one skills training, advice and information provided using peer education initiatives	For example, with gay men in nightclubs.
	opportunistic skills training, advice and information provision	For example, provided by youth workers.
using targeted print and new media for different groups at risk of drug misuse to influence social norms or enhance skills and provide information and advice	For example, magazines, websites, social media, text messages.	

Drug misuse prevention: Appendix 2 to Evidence Review 2

Review Protocol

	Details	Additional comments
	<p>family-based programmes providing structured support for children and young people at risk of drug misuse</p> <p>group-based behaviour therapy for children and young people who are at risk of drug misuse</p>	<p>For example, motivational interviewing for parents or carers and parental skills training.</p> <p>Focusing on coping mechanisms, problem-solving and goal setting.</p>
	<p>parental skills training for parents or carers of children who are at risk of drug misuse</p>	<p>Focusing on stress management, communication skills, helping children develop problem-solving skills and setting behavioural targets.</p>
Outcomes	<p>Acceptability of interventions including barriers and facilitators.</p> <p>Details of others interventions / support that study participants feel might be more effective in preventing drug misuse (with rationales).</p>	<p>None.</p>
Searches [See Appendix 2A for the search for each step]	<p>Searches will follow a iterative, step-wise approach. Individual search steps are outlined below. The same set of results will be sifted for reviews 1 and 2. Note that steps 1-6 represent the original search outline. Subsequent steps (7-11) were added to the process after the amount of time available for sifting was revised. Where a search step was dependent on prior steps the decisions made as to which direction to adopt are either noted below or in the relevant section of appendix 2A.</p>	<p>An initial search using a 'classical' search approach indicated that in excess of 36,000 papers would be retrieved in Medline alone, even with a relatively small set of search terms. The team decided it would not be appropriate to use this type of approach for this guideline. The iterative, step-wise approach outlined below aims to balance precision and sensitivity without producing an unmanageable volume of results. This is in accordance with the guidance set out in the NICE guidelines development manual, section 5.1. In particular it should be noted that preventative programmes (as described in the NICE scope) are not always flagged as such in the relevant literature.</p>
	<p>Step 1: Search for systematic reviews only from 1995 to 2015 using the following databases:</p> <p>Cochrane Database of Systematic Reviews (CDSR)</p> <p>Database of Abstracts of Reviews of Effectiveness (DARE)</p> <p>HealthEvidence.org</p> <p>Campbell library</p> <p>DoPHER</p> <p>NIHR systematic reviews programme website</p> <p>Guidelines: Guidelines.gov will be searched and any guidelines identified during the scoping exercise for this work will also be factored in. Any systematic reviews identified in any relevant guidelines will be ordered.</p>	<p>Some sources will be browsed rather than searched where this approach is considered more time-efficient than searching. Reviewer A and B will sift all the search results (100% double sifting) for step 1.</p>

Drug misuse prevention: Appendix 2 to Evidence Review 2
Review Protocol

	Details	Additional comments
	<p>Step 2: All relevant systematic reviews identified in step 1 will be entered into Web of Science and a backward citation search will be performed to produce a database of included studies.</p>	<p>Note that only those references which can be automatically downloaded from the Web of Science Core Collection (including Medline) will be downloaded. This is therefore not “pure” citation searching, though it is expected to be far more efficient in terms of time. We expect subsequent protocol steps will help to address some of the deficit in retrieval compared to pure citation searching.</p>
	<p>Step 3: Given the time lag between the publication of a primary study and its potential inclusion in a published systematic review, the following sources will be searched from 2010 in order to identify recent primary evidence.</p> <p>Cochrane Central Register of Controlled Trials (CENTRAL) HTA database Embase MEDLINE/MEDLINE in Process Social Policy and Practice Social Care Online PsychInfo TrOPHI</p>	<p>The search strategy at this stage is likely to be broad but not comprehensive. In particular, we may choose to run less comprehensive searches on Embase and PsychInfo as the incremental yields from these databases are likely to be low once other sources are factored in.</p>
	<p>Step 4: A more focused search of the databases in step 3, ranging back to 1995. This step is carried out as a back-stop in the event that we identify gaps in coverage for the evidence retrieved steps 1-3.</p>	<p>Following sifting of evidence from previous search steps the review team decided to focus on identifying additional evidence relating to evidence review 2 (acceptability of interventions) at this stage. Material retrieved was still sifted for potential inclusion in either review 1 or review 2.</p>
	<p>Step 5: Web searching In addition, the following websites will be searched: NIHR Public Health Research Programme Advisory Council on the Misuse of Drugs European Monitoring Centre for Drugs and Drug Addiction UN Office on Drugs & Crime Organization of American States</p>	

Drug misuse prevention: Appendix 2 to Evidence Review 2

Review Protocol

	Details	Additional comments
	<p>Relevant material identified by the review team via other routes (for example during the scoping exercise for this review) will also be included at this stage.</p>	
	<p>Step 6: Named programme search. A list of specific programmes (for example the “good life approach”) will be compiled by the review team during steps 1-5. An additional search of Medline will be carried out using the names of these programmes as keywords in order to identify any additional, named articles.</p>	
	<p>Steps 7-10: Additional citation searching in Web of Science, based on included references or selected, topic-relevant but non-includable material identified during previous search steps.</p>	
	<p>Step 11: Any additional references included in NICE guideline PH4 or the subsequent Evidence Update document, which also meet the date limits for the present guideline, will also be submitted for sifting.</p>	
Data screening	<p>All references from the database searches in each step will be downloaded, deduplicated and screened on title and abstract against the criteria above. Where no abstract is available, a web search will be used to locate one; if none is found, references will be screened on title alone.</p> <p>For all search steps described previously, except step 1, a randomly selected sample of 10% of records at title and abstract level will be screened by two reviewers (A and B) independently. The rate of agreement will be recorded. Disagreement will be resolved through discussion and with the arbiter as necessary. All records will be screened at title and abstract level by reviewer A.</p> <p>Where abstracts meet all the inclusion criteria, or if it is unclear from the study abstract whether it does, the full text will be retrieved and re-screened. Full-text screening will be carried out by two reviewers (A and B) independently and any differences resolved by discussion and with the arbiter if necessary. Inter-rater reliability will be recorded.</p> <p>Studies that are excluded at the full paper stage will be recorded</p>	None.

Drug misuse prevention: Appendix 2 to Evidence Review 2

Review Protocol

	Details	Additional comments
	along with the reason for their exclusion.	
Data extraction and QA	Quality assessment and data extraction for all included studies will be conducted using the tools in Developing NICE guidelines: the manual . All studies will be quality assessed and data extracted by one reviewer, with all data checked in detail by a second reviewer. Details of all extracted data will be entered into comprehensive evidence tables.	None.
Data synthesis	Data will be synthesised narratively in the first instance. If sufficiently homogeneous and high-quality data are located, meta-analysis may be considered, although this is unlikely.	None.
Subgroup analysis	Where possible, the effectiveness of interventions for subgroups will be disaggregated and reported, along with any differential effect on different subgroups.	None.
Other information/criteria	The review will report on any unintended consequences or adverse outcomes.	None.

Appendix 2C: Quality Appraisal checklists

2C.1 EPOC Checklist for RCTs, non-randomised controlled trials and controlled before-after studies

Administrative details

Study name or author and year [Type study name, or author and year (include letter if more than 1 paper with the same author and year, e.g. 'Smith 2010a')]	STAR ID [Type STAR ID]
Citation [Include citation details – usually authors, title of study, journal details, year]	
Linked studies (study name or author, year, STAR ID) [Include study name or author, year and STAR ID of any related studies, or state 'None']	
Final study quality score [Click to choose the final quality score. See 'Calculation of final study quality score' below for details on how to complete this.]	
Date of QA [Click to choose the date the QA was completed]	Reviewer(s) names [Type name of the reviewer/reviewers completing the quality assessment]

Calculation of final study quality score (from box 6.1 on page 95 of the NICE Guidelines Manual)

- ++ All or most of the checklist criteria have been fulfilled, and where they have not been fulfilled the conclusions are very unlikely to alter.
- + Some of the checklist criteria have been fulfilled, and where they have not been fulfilled, or are not adequately described, the conclusions are unlikely to alter.
- Few or no checklist criteria have been fulfilled and the conclusions are likely or very likely to alter.

Quality Assessment

For all questions:

- ++ 'Yes' The study full meets the criterion.
- + 'Partly' The study largely meets the criterion but differs in some important respect.
- 'No' The study deviates substantially from the criterion.
- 'Unclear' Report provides insufficient information to judge whether the study complies with the criterion.
- 'NA' (not applicable) The criterion is not relevant in this particular instance.

Item	Decision	Comments
1. Was the allocation sequence adequately generated?	[Click here to choose a decision. ++ if a random component in the sequence generation process is described (e.g. a random number table), - if a non-random method is used (e.g. date of admission) or if study is a non-randomised controlled trial or controlled before-after study]	[State how the allocation sequence was generated.]
2. Was the allocation adequately concealed?	[Click here to choose a decision. ++ if allocation by institution, team or professional and allocation performed on all units at start of the study, or if the unit of allocation was by patient or episode of care and there was a centralised randomisation scheme (on-site computer system or sealed opaque envelopes). – if controlled before-after study.]	[State how the allocation was concealed.]
3. Were baseline outcome measurements similar?	[Click here to choose a decision. ++ if performance or patient outcomes were measured prior to intervention and no important differences present across study groups. In RCTs score ++ if imbalanced but appropriate adjusted analysis was performed (e.g. analysis of covariance). Score - if important differences were present and not adjusted for in analysis.]	[State whether the baseline outcome measurements were similar.]
4. Were baseline characteristics similar?	[Click here to choose a decision. ++ if baseline characteristics of the study and control providers are reported and similar. Score - if there is no report of characteristics or if there are differences between control and intervention providers.]	[State whether the baseline characteristics were similar.]
5. Were incomplete outcome data adequately addressed?	[Click here to choose a decision. ++ if missing outcome measures were unlikely to bias the results (e.g. the proportion of missing data was similar in the intervention and control groups or the proportion of missing data was less than the effect size i.e. unlikely to overturn the study result). Score - if missing outcome data was likely to bias the results.]	[State whether incomplete outcome data were adequately addressed.]
6. Was knowledge of the allocated interventions adequately prevented during the study?	[Click here to choose a decision. ++ if the authors state explicitly that primary outcome variables were assessed blindly, or outcomes are objective, e.g. length of hospital stay. Score - if primary outcomes were not assessed blindly.]	[State whether knowledge of the allocated interventions was adequately prevented during the study.]
7. Was the study adequately protected against contamination?	[Click here to choose a decision. ++ if allocation by community, institution or practice and it is unlikely that the control group received the intervention. Score - if it is likely that the control group received the intervention (e.g. if patients rather than professionals were randomised). Score "unclear" if professionals were allocated within a clinic or practice and it is possible that communication between intervention and control professionals could have occurred (e.g. physicians within practices were allocated to intervention or control).]	[State whether the study was adequately protected against contamination.]
8. Was the study free from selective outcome reporting?	[Click here to choose a decision. ++ if there is no evidence that outcomes were selectively reported (e.g. all relevant outcomes in the methods section are reported in the results section). Score - if some important outcomes are subsequently omitted from the results.]	[State whether the study was free from selective outcome reporting.]
9. Was the study free from other risks of bias?	[Click here to choose a decision. Score ++ if there is no evidence of other risk of biases.]	[State whether the study was free from other risks of bias.]

2C.2EPHPP Checklist for uncontrolled before and after studies (EPHPP)

Administrative details

Study name or author and year [Type study name, or author and year (include letter if more than 1 paper with the same author and year, e.g. 'Smith 2010a')]	STAR ID [Type STAR ID]
Citation [Include citation details – usually authors, title of study, journal details, year]	
Linked studies (study name or author, year, STAR ID) [Include study name or author, year and STAR ID of any related studies, or state 'None']	
Final study quality score [Click to choose the final quality score. See 'Calculation of final study quality score' below for details on how to complete this.]	
Date of QA [Click to choose the date the QA was completed]	Reviewer(s) names [Type name of the reviewer/reviewers completing the quality assessment]

Calculation of final study quality score (from EPHPP tool http://www.ephpp.ca/PDF/Quality%20Assessment%20Tool_2010_2.pdf)

- ++ Strong. No weak ratings.
- + Moderate. One weak rating.
- Weak. Two or more weak ratings.

Quality Assessment

Item	Component Rating	Section Rating	Comments
Selection bias			
1. Are the individuals selected to participate in the study likely to be representative of the target population?	[Click here to choose a rating. Score 'very likely' if randomly selected from a comprehensive list of individuals in target population, 'somewhat likely' if referred from a source (e.g. clinic) in a systematic manner, 'not likely' if self-referred.]	[Click here to choose a decision. 'Strong' if Q1 is 'very likely' and Q2 is 80 to 100%. 'Moderate' if Q1 is 'very likely' or 'somewhat likely' and Q2 is 60 or 79% or 'can't tell'. 'Weak' if Q1 is 'not likely' or 'can't tell' and Q2 is 'can't tell'.]	[Add comments if necessary.]
2. What percentage of selected individuals agreed to participate?	[Click here to choose a rating.]		
Study design			
3. What is the study design?	[Click here to choose a rating.]	[Click here to choose a decision. 'Strong' if RCT or CCT, 'moderate' if cohort analytic study, case control study, a cohort design, or interrupted time series, 'weak' for any other method or did not state method used.]	[Add comments if necessary, including description of study design if 'other'.]
4. Was the study described as randomised?	[Click here to choose a rating. If 'no', mark questions 5 and 6 as 'not applicable' and go straight to 'Confounders' section.]		
5. Was the method of randomisation described?	[Click here to choose a rating.]		
6. Was the method of randomisation appropriate?	[Click here to choose a rating.]		
Confounders			
7. Were there important differences between groups prior to the intervention?	[Click here to choose a rating. Example of confounders include race, sex, marital status/family, age, socioeconomic status, education, health status, pre-intervention score on outcome measure.]	[Click here to choose a decision. 'Strong' if Q7 is 'no' or Q2 is 80% or more. 'Moderate' if Q7 is 'yes' and Q8 is 60 to 79%. 'Weak' if Q7 is 'yes' and Q8 is less than 60%, or if Q7 is 'cant' tell' and Q8 is 'can't tell'.]	[Add comments if necessary.]
8. If yes, what percentage of relevant confounders were controlled (either in the design [e.g. stratification, matching] or analysis)?	[Click here to choose a rating.]		
Blinding			
9. Was/were the outcome assessor/s aware of the intervention or exposure status of participants?	[Click here to choose a rating.]	[Click here to choose a decision. 'Strong' if Q9 is 'no' and Q10 is 'no'. 'Moderate' if Q9 is 'no' or Q10 is 'no', or Q9 is 'can't tell' and Q10 is 'can't tell'. 'Weak' if Q9 is 'yes' and Q10 is 'yes'.]	[Add comments if necessary.]
10. Were the study participants aware of the research question?	[Click here to choose a rating.]		
Data collection methods			
11. Were data collection tools shown to	[Click here to choose a rating.]	[Click here to choose a decision. 'Strong' if Q11	[Add comments if necessary.]

Drug misuse prevention: Appendix 2 to Evidence Review 2

Quality Appraisal checklists

be valid?		is 'yes' and Q12 is 'yes'. Moderate if Q11 is 'yes' and Q12 is 'no' or Q12 is 'can't tell'. Weak if Q11 is 'no' or Q11 is 'can't tell' and Q12 is 'can't tell'.]	
12. Were data collection tools shown to be reliable?	[Click here to choose a rating.]		
Withdrawals and drop-outs			
13. Were withdrawals and drop-outs reported in terms of numbers and/or reasons per group?	[Click here to choose a rating.]	[Click here to choose a decision. Strong if Q14 is 80% or more. Moderate if Q14 is 60 to 79% or 'not applicable'. Weak if Q14 is less than 60% or 'can't tell'.]	[Add comments if necessary.]
14. What percentage of participants completed the survey?	[Click here to choose a rating. If percentage differs by groups, record the lowest.]		
Intervention integrity			
15. What percentage of participants received the allocated intervention or exposure of interest?	[Click here to choose a rating. If percentage differs by groups, record the lowest.]	Section rating not required.	[Add comments if necessary.]
16. Was the consistency of the intervention measured?	[Click here to choose a rating.]		
17. Is it likely that subjects received an unintended intervention (contamination or co-intervention) that may influence the results?	[Click here to choose a rating.]		
Analyses			
18. What is the unit of allocation?	[Click here to choose a rating.]	Section rating not required.	[Add comments if necessary. Add details if 'other' selected for question 18 and/or 19.]
19. What is the unit of analysis?	[Click here to choose a rating.]		
20. Are the statistical methods appropriate for the study design?	[Click here to choose a rating.]		
21. Is the analysis performed by intervention allocation status (i.e. intention to treat) rather than the actual intervention received?	[Click here to choose a rating.]		

2C.3 NICE public health qualitative methodology checklist

Study identification <i>Include author, title, reference, year of publication</i>	
Guidance topic:	Key research question/aim:
Checklist completed by:	

Theoretical approach		
1. Is a qualitative approach appropriate? <i>For example,</i> <ul style="list-style-type: none"> • Does the research question seek to understand processes or structures, or illuminate subjective experiences or meanings? • Could a quantitative approach better have addressed the research question? 	Choose an item.	Comments:
2. Is the study clear in what it seeks to do? <i>For example,</i> <ul style="list-style-type: none"> • Is the purpose of the study discussed – aims/objectives/research question/s? • Is there adequate/appropriate reference to the literature? • Are underpinning values/assumptions/theory discussed? 	Choose an item.	Comments:

Drug misuse prevention: Appendix 2 to Evidence Review 2
Quality Appraisal checklists

Study design		
<p>3. How defensible/rigorous is the research design/methodology?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Is the design appropriate to the research question? • Is a rationale given for using a qualitative approach? • Are there clear accounts of the rationale/justification for the sampling, data collection and data analysis techniques used? • Is the selection of cases/sampling strategy theoretically justified? 	<p>Choose an item.</p>	<p>Comments:</p>

Data collection		
<p>4. How well was the data collection carried out?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Are the data collection methods clearly described? • Were the appropriate data collected to address the research question? • Was the data collection and record keeping systematic? 	<p>Choose an item.</p>	<p>Comments:</p>

Drug misuse prevention: Appendix 2 to Evidence Review 2
Quality Appraisal checklists

Trustworthiness		
<p>5. Is the role of the researcher clearly described?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Has the relationship between the researcher and the participants been adequately considered? • Does the paper describe how the research was explained and presented to the participants? 	Choose an item.	Comments:
<p>6. Is the context clearly described?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Are the characteristics of the participants and settings clearly defined? • Were observations made in a sufficient variety of circumstances? • Was context bias considered? 	Choose an item.	Comments:
<p>7. Were the methods reliable?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Was data collected by more than one method? • Is there justification for triangulation, or for not triangulating? • Do the methods investigate what they claim to? 	Choose an item.	Comments:

Drug misuse prevention: Appendix 2 to Evidence Review 2

Quality Appraisal checklists

Analysis		
<p>8. Is the data analysis sufficiently rigorous?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Is the procedure explicit – i.e. is it clear how the data was analysed to arrive at the results? • How systematic is the analysis, is the procedure reliable/dependable? • Is it clear how the themes and concepts were derived from the data? 	Choose an item.	Comments:
<p>9. Is the data 'rich'?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • How well are the contexts of the data described? • Has the diversity of perspective and content been explored? • How well has the detail and depth been demonstrated? • Are responses compared and contrasted across groups/sites? 	Choose an item.	Comments:
<p>10. Is the analysis reliable?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Did more than one researcher theme and code transcripts/data? • If so, how were differences resolved? • Did participants feed back on the transcripts/data if possible and relevant? • Were negative/ discrepant results addressed or ignored? 	Choose an item.	Comments:
<p>11. Are the findings convincing?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Are the findings clearly presented? • Are the findings internally coherent? • Are extracts from the original data included? • Is the data appropriately referenced? • Is the reporting clear and coherent? 	Choose an item.	Comments:
<p>12. Are the findings relevant to the aims of the study?</p>	Choose an item.	Comments:

Drug misuse prevention: Appendix 2 to Evidence Review 2
Quality Appraisal checklists

<p>13. Conclusions</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • How clear are the links between data, interpretation and conclusions? • Are the conclusions plausible and coherent? • Have alternative explanations been explored and discounted? • Does this enhance understanding of the research topic? • Are the implications of the research clearly defined? • Is there adequate discussion of any limitations encountered? 	<p>Choose an item.</p>	<p>Comments:</p>
<p>Ethics</p>		
<p>14. How clear and coherent is the reporting of ethics?</p> <p><i>For example,</i></p> <ul style="list-style-type: none"> • Have ethical issues been taken into consideration? • Are they adequately discussed e.g. do they address consent and anonymity? • Have the consequences of the research been considered i.e. raising expectations, changing behaviour etc? • Was the study approved by an ethics committee? 	<p>Choose an item.</p>	<p>Comments:</p>
<p>Overall Assessment</p>		
<p>As far as can be ascertained from the paper, how well was the study conducted?</p>	<p>Choose an item.</p>	<p>Comments:</p>

quality of included studies

2D.1 Summary of studies assessed with the EPOC Checklist for RCTs, non-randomised controlled trials and controlled before-after studies

Study	Was the allocation sequence adequately generated?	Was the allocation adequately concealed?	Were baseline outcome measurements similar?	Were baseline characteristics similar?	Were incomplete outcome data adequately addressed?	Was knowledge of the allocated interventions adequately prevented during the study?	Was the study adequately protected against contamination?	Was the study free from selective outcome reporting?	Was the study free from other risks of bias?	Overall score
Baer et al, 2007	UC	UC	++	++	+	-	++	++	++	+
Elliott et al, 2014	UC	UC	++	++	++	UC	++	UC	++	+
Norberg et al, 2014	++	++	++	+	UC	++	+	++	++	+
Tait et al, 2015	++	UC	++	++	++	UC	++	++	+	+
Walton et al, 2013	++	UC	++	++	++	++	++	++	++	++
Walker et al, 2011	++	UC	++	++	++	UC	+	++	++	+

NA Not applicable, UC Unclear.

Scoring for overall score:

8 or 9 ++ ratings gives an overall score of ++

Less than 8 or 9 ++ ratings, but majority + or ++ gives an overall score of +

A majority of – ratings or ‘unclears’ gives an overall score of -

2D.2 Summary of studies assessed with the EPHPP checklist for uncontrolled quantitative studies

Study	Selection bias	Study design	Confounders	Blinding	Data collection	Withdrawals and drop outs	Overall score
Branigan & Wellings 1999	-	-	-	NA	-	-	-
Chinet et al, 2007	++	-	-	NA	-	++	-
Lynsky et al, 1999	-	+	NA	NA	-	-	-
Nanin et al, 2006	+	-	-	NA	-	++	-
Shrier et al. 2014	+	+	NA	+	++	+	+
Wood et al, 2010	-	-	-	NA	-	-	-

NA Not applicable.

Scoring for overall score:

No – ratings gives an overall score of ++

One – rating gives an overall score of +

Two or more – ratings gives an overall score of –

2D.3 Summary of studies assessed with the NICE public health qualitative methodology checklist

Study	Theoretical approach	Study aims	Study design	Data collection	Role of researcher	Context	Reliable methods	Rigorous analysis	Data richness	Reliable analysis	Convincing findings	Relevant findings	Conclusions	Ethics	Overall score
Braciszewski et al, 2014	++	+	UC	UC	-	UC	UC	UC	-	UC	++	++	++	++	+
Carlson et al, 2004	++	UC	-	UC	UC	UC	UC	++	UC	UC	UC	++	UC	++	-
D'Amico et al, 2009	++	+	UC	++	-	UC	++	UC	-	UC	UC	+	+	++	-
Goldbach & Steiker, 2011	++	++	++	++	++	++	++	++	-	UC	UC	+	++	++	+
Hudson et al, 2009	++	++	++	UC	++	++	++	UC	++	UC	++	++	++	++	+
Kurtz et al, 2013	++	+	-	UC	-	++	UC	UC	-	UC	++	++	++	++	-
Rudzinski et al, 2012	++	++	++	++	-	++	++	UC	++	UC	++	++	++	++	++
Wenzel et al, 2009	UC	+	UC	UC	++	++	-	++	-	-	UC	+	UC	++	-

NA Not applicable; UC Unclear/not sure

Scoring for overall score:

++ All or most of the criteria have been fulfilled. Where they have not been fulfilled the conclusions of the study are thought **very unlikely** to alter

Drug misuse prevention: Appendix 2 to Evidence Review 2

Summary of quality of included studies

to alter the conclusions

- Few or no criteria fulfilled. The conclusions of the study are thought **likely or very likely** to alter.

+ Some of the criteria have been fulfilled. Those criteria that have not been fulfilled or not adequately described are thought **unlikely**

Appendix 2E: Excluded studies

Study	Reason for Exclusion
Aalborg, A. E., et al., Implementation of adolescent family-based substance use prevention programmes in health care settings: Comparisons across conditions and programmes, <i>Health Education Journal</i> , 71, pp53, 2012	Not targeted at a group of interest
Abadi, M. H., Shamblen, S. R., Thompson, K., Collins, D. A., Johnson, K., Influence of risk and protective factors on substance use outcomes across developmental periods: a comparison of youth and young adults, <i>Substance Use & Misuse</i> , 46, 1604-12, 2011	No drug misuse prevention interventions described
Abdon, J. G., Wallin, E., Andreasson, S., Long-term effects of a community-based intervention: 5-year follow-up of 'Clubs against Drugs', <i>Addiction</i> , 106, 1997-2004, 2011	Out of scope (relates to nightclub doormen identifying and barring drug users, not preventing/reducing their use)
Acri, M.C., Gogel, L. P., Pollock, M., Wisdom, J. P., What adolescents need to prevent relapse after treatment for substance abuse: A comparison of youth, parent, and staff perspectives, <i>Journal of Child & Adolescent Substance Abuse</i> , 21, 117-129, 2012	Relapse prevention
Adelman, H. S., Creating School and Community Partnerships for Substance Abuse Prevention Programs, <i>Journal of Primary Prevention</i> , 23, Spr-369, 2003	Study design (not primary research or a systematic review)
Adfam, Drug and alcohol prevention: intergenerational factors and the role of the family, 12, 2015	Not primary research
Advisory Council On Misuse Of Drugs, Advisory Council on the Misuse of Drugs response to drug strategy consultation 2010, 20p., 2010	Not primary research (response to a government consultation)
Agerwala, S. M., McCance-Katz, E. F., Integrating screening, brief intervention, and referral to treatment (SBIRT) into clinical practice settings: a brief review, <i>Journal of psychoactive drugs</i> , 44, 307-17, 2012	SBIRT study - includes universal screening
Ahmed, S. H., Escalation of drug use, <i>Animal models of drug addiction.</i> , 267-292, 2011	Not an effectiveness study of a drug misuse prevention intervention
Ait-Daoud, N., Bashir, M., Women and substance abuse: health considerations and recommendations, <i>CNS spectrums</i> , 16, 37-47, 2011	Does not meet systematic review criteria
Akram, Y., Copello, A., Moore, D., Family-based interventions for substance misuse: a systematic review of systematic reviews-- protocol, <i>Systematic Reviews</i> , 3, 90, 2014	Protocol
Aktan, G., Kumpfer, K.L., Turner, C., The Safe Haven program: effectiveness of a family skills training program for substance abuse prevention with inner city African American families, <i>Int J Addict</i> , 31, 158-175,	No relevant outcome data reported
Ali-Northcott, L., Substance abuse, <i>Counseling Muslims: Handbook of mental health issues and interventions.</i> , 355-382, 2012	Paper unavailable
Allara, E., Ferri, M., Bo, A., Gasparrini, A., Faggiano, F., Are mass-media campaigns effective in preventing drug use? A Cochrane systematic review and meta-analysis, <i>BMJ open</i> , 5, 2015	Systematic review but not clear if any included interventions were targeted at a group of interest
Allott, R., Paxton, R., Leonard, R., Drug education: a review of British Government policy and evidence on effectiveness, <i>Health Education Research</i> , 14, 491-505, 1999	Does not meet systematic review criteria
Allsop, S., Fanning the flame of prevention effort, <i>Drug and Alcohol Review</i> , 31, 729-30, 2012	Not primary research (editorial)
Altena, A. M., Brilleslijper-Kater, S. N., Wolf J. L. M., Effective Interventions for Homeless Youth: A Systematic Review, <i>American Journal of Preventive Medicine</i> , 38, 637-645, 2010	Systematic review but only 73% of included studies meet our eligibility criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Amato, L., Mitrova, Z., Davoli, M., Cochrane systematic reviews in the field of addiction: What's there and what should be, <i>Drug and Alcohol Dependence</i> , 113, 96-103, 2011	Not primary research (overview of Cochrane reviews undertaken in field of addiction)
American College of Obstetricians and Gynecologists, Committee on Gynecologic Practice, ACOG Committee Opinion No. 484: Performance enhancing anabolic steroid abuse in women, <i>Obstetrics and gynecology</i> , 117, 1016-8, 2011	No drug misuse prevention interventions described
Ames, S. L., Krank, M., Grenard, J. L., Sussman, S., Stacy, A. W., Prevention education effects on fundamental memory processes, <i>Evaluation & the health professions</i> , 35, 416-39, 2012	Universal school intervention (alternative/continuation high schools)
Amodeo, M., Lopez, L. M., Amaro, A., Social work interventions with alcohol and other drug problems, <i>Theory and practice in clinical social work (2nd ed.)</i> , 525-559, 2011	Paper unavailable
Anderson-Butcher, D., Cash, S. J., Participation in Boys and Girls Clubs, vulnerability, and problem behaviors, <i>Children and Youth Services Review</i> , 32, 672-678, 2010	No drug misuse prevention interventions described
Andes, S., Wyatt, J., Kiss, A., Mucellin, M., Employing strategic campus-community partnerships to address nonmedical prescription drug use on college and university campuses, <i>Journal of Social Work Practice in the Addictions</i> , 14, 27-41, 2014	Not clear if intervention is targeted at a group of interest
Andreasson, S., Premature adoption and dissemination of prevention programmes, <i>Addiction (Abingdon, England)</i> , 105, 583-4, 2010	Not primary research (commentary paper)
Andretta, I., da Silva Oliveira, M., Motivational Interview with Adolescent Drug Users who Have an Infringement, <i>Psicologia-Reflexao E Critica</i> , 24, 218-226, 2011	Portuguese language paper
Anon., Summaries for patients: primary care interventions to reduce drug use in children and adolescents: U.S. Preventive Services Task Force recommendation statement, <i>Annals of Internal Medicine</i> , 160, 2014	Not primary research (patient summary of an evidence review)
Anthony, J. C., Steppingstone and gateway ideas: a discussion of origins, research challenges, and promising lines of research for the future, <i>Drug and Alcohol Dependence</i> , 123 Suppl 1, S99-S104, 2012	Not primary research (editorial)
Argoff, C. E., Kahan, M., Sellers, E. M., Preventing and managing aberrant drug-related behavior in primary care: systematic review of outcomes evidence (Provisional abstract), <i>Database of Abstracts of Reviews of Effects</i> , 119-134, 2014	Does not meet systematic review criteria
Arnaud, N., Broning, S., Drechsel, M., Thomasius, R., Baldus, C., Web-based screening and brief intervention for poly-drug use among teenagers: study protocol of a multicentre two-arm randomized controlled trial, <i>BMC Public Health</i> , 12, 826, 2012	Protocol
Arnold, E. M., Rotheram-Borus, M. J., Comparisons of prevention programs for homeless youth, <i>Prevention Science</i> , 10, 76-86, 2009	Does not meet systematic review criteria
Arnold, E. M., Walsh, A. K., Oldham, M. S., Rapp, C. A., Strengths-based case management: Implementation with high-risk youth, <i>Families in Society-the Journal of Contemporary Social ServicesFam. Soc.</i> , 88, 86-94, 2007	No relevant outcome data reported
Arthur, M.W., Hawkins, D., Brown, E. C., Briney, J. S., Oesterle, S., Implementation of the Communities That Care prevention system by coalitions in Community Youth Development Study, <i>Journal of Community Psychology</i> , 38, 245-258, 2010	Not targeted at a group of interest
ASHP statement on the pharmacist's role in substance abuse prevention, education, and assistance, <i>American Journal of Health-System Pharmacy</i> , 71, 243-246, 2014	Not primary research (position statement)
Ashton, J. R., Seymour, H., Public Health and the origins of the Mersey Model of Harm Reduction, <i>The International journal on drug policy</i> , 21, 94-6, 2010	Not primary research (commentary paper only)
August, G. J., Realmuto, G. M., Winters, K. C., Hektner, J. M., Prevention of adolescent drug abuse: Targeting high-risk children with a multifaceted intervention model - The Early Risers "Skills for Success" Program, <i>Applied & Preventive Psychology</i> , 10, 135-154, 2001	No relevant outcome data reported
Austin, A. M., Macgowan, M. J., Wagner, E. F., Effective family-based interventions for adolescents with substance use problems: a systematic review (Provisional abstract), <i>Research on Social Work Practice</i> , 15, 67-83, 2005	Treatment rather than prevention
Babbin, S. F., Velicer, W. F., Paiva, An. L., Brick, L. A. D., Redding, C. A., Replicating cluster subtypes for the prevention of adolescent smoking and alcohol use, <i>Addictive Behaviors</i> , 40, 57-65, 2015	No drug misuse prevention intervention described

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Babor, T. F., Drug policy and the public good: A summary of the book, <i>Addiction</i> , 105, 1137-1145, 2010	Not primary research (book summary)
Babor, T. F., McRee, B. G., Kassebaum, P. A., Grimaldi, P. L., Ahmed, K., Bray, J., Screening, Brief Intervention, and Referral to Treatment (SBIRT): toward a public health approach to the management of substance abuse, <i>Substance Abuse</i> , 28, 7-30, 2007	SBIRT study - includes universal screening
Backer, T. E., The failure of success: Challenges of disseminating effective substance abuse prevention programs, <i>Journal of Community Psychology</i> , 28, 363-373, 2000	Not targeted at a group of interest
Baer, J. S., Peterson, P. L., Wells, E. A., Rationale and design of a brief substance use intervention for homeless adolescents, <i>Special Issue: Clinical harm reduction.</i> , 12, 317-334, 2004	Treatment rather than prevention
Bagley, C., Pritchard, C., The reduction of problem behaviours and school exclusion in at-risk youth: An experimental study of school social work with cost-benefit analyses, <i>Child & Family Social Work</i> , 3, 219-226, 1998	Not primarily a drug misuse prevention intervention
Bagoien, G., Bjorngaard, J. H., Ostensen, C., Reitan, S. K., Romundstad, Pal, Morken, Gunnar, The effects of motivational interviewing on patients with comorbid substance use admitted to a psychiatric emergency unit - a randomised controlled trial with two year follow-up, <i>BMC Psychiatry</i> , 13, 2013	Treatment rather than prevention
Bahr, S. J., Drug use, abuse, and addiction, <i>The Routledge handbook of deviant behavior.</i> , 290-297, 2011	Not primary research (overview/discussion piece)
Baker, A., Lewin, T. J., Bradley, A. C., Group intervention for coexisting psychosis and substance use disorders in rural Australia: Outcomes over 3 years, <i>Australian and New Zealand Journal of Psychiatry</i> , 41, 501-508, 2007	Treatment rather than prevention
Baker, A., Turner, A., Kay-Lambkin, F. J., Lewin, T. J., The long and the short of treatments for alcohol or cannabis misuse among people with severe mental disorders, <i>Addictive Behaviors</i> , 34, 852-858, 2009	Treatment rather than prevention
Baldus, C., Miranda, A., Weymann, N., Reis, O., More, K., Thomasius, R., "CAN Stop"--implementation and evaluation of a secondary group prevention for adolescent and young adult cannabis users in various contexts--study protocol, <i>BMC Health Services Research</i> , 11, 80, 2011	Protocol
Ballantyne, J.C., Kolodny, A., Preventing prescription opioid abuse, <i>Jama</i> , 313, 1059, 2015	Not primary research (letter to the editor)
Banerjee, S. C., Greene, K., Role of transportation in the persuasion process: Cognitive and affective responses to antidrug narratives, <i>Journal of health communication</i> , 17, 564-581, 2012	Not targeted at a group of interest
Banwell, C., Denton, B., Bammer, G., Programmes for the children of illicit drug-using parents: issues and dilemmas, <i>Drug and Alcohol Review</i> , 21, 381 - 386, 2002	Does not meet systematic review criteria
Barnard, M., McKeganey, N., The impact of parental problem drug use on children: what is the problem and what can be done to help?, <i>Addiction</i> , 99, 552-559, 2004	Does not meet systematic review criteria
Barnett, E. M., Motivational interviewing with adolescent substance users: A closer look, <i>Dissertation Abstracts International: Section B: The Sciences and Engineering</i> , 74, No-Specified, 2014	Universal school intervention (alternative/continuation high schools)
Barnett, E., Moyers, T. B., Sussman, S., Smith, C., Rohrbach, L. A., Sun, P., Spruijt-Metz, D., From counselor skill to decreased marijuana use: does change talk matter?, <i>Journal of Substance Abuse Treatment</i> , 46, 498-505, 2014	Not targeted at a group of interest
Barnett, E., Spruijt-Metz, D., Unger, J. B., Sun, P., Rohrbach, L. A., Sussman, S., Boosting a teen substance use prevention program with motivational interviewing, <i>Substance Use & Misuse</i> , 47, 418-28, 2012	Universal school intervention (alternative/continuation high schools)
Barnett, E., Sussman, S., Smith, C., Rohrbach, L. A., Spruijt-Metz, D., Motivational Interviewing for adolescent substance use: A review of the literature, <i>Addictive Behaviors</i> , 37, 1325-1334, 2012	Systematic review but only 41% of included studies meet our eligibility criteria.
Barsch, G., Thoughts on the prevention of addiction, <i>Familiendynamik</i> , 39, 206-207, 2014	German language paper
Bavarian, N., Lewis, K. M., Acock, A., Geldhof, J., Vuchinich, S., DuBois, D., Preventing adolescent alcohol and other drug use: Mediation results from a longitudinal randomized trial of a social emotional character program, <i>Alcoholism, clinical and experimental research</i> , 38, 40a, 2014	Conference abstract

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Beardslee, W. R., Chien, P. L., Bell, C. C., Prevention of mental disorders, substance abuse, and problem behaviors: a developmental perspective, <i>Psychiatric services (Washington, D.C.)</i> , 62, 247-54, 2011	Study design (not primary research or a systematic review)
Beardslee, W. R., Martin, J. L., Children of parents with psychiatric and substance abuse disorders, <i>Dulcan's textbook of child and adolescent psychiatry.</i> , 623-635, 2010	Paper unavailable
Becker, J., Haug, S., Kraemer, T., Schaub, M. P., Feasibility of a group cessation program for co-smokers of cannabis and tobacco, <i>Drug and Alcohol Review</i> , 34, 418-26, 2015	Treatment rather than prevention
Becker, S. J., Curry, J. F., Outpatient interventions for adolescent substance abuse: A quality of evidence review, <i>Journal of Consulting and Clinical Psychology</i> , 76, 534-543, 2008	Treatment rather than prevention
Beharie, N., et, al, The HOPE Family Project: a family-based group intervention to reduce the impact of homelessness on HIV/STI and drug risk behaviors, <i>Social Work with Groups</i> , 34, 61-78, 2011	No drug-related outcomes reported
Bekkering, G. E., Aertgeerts, B., Asueta-Lorente, J. F., Autrique, M., Goossens, M., Smets, K., van Bussel, J. C. H., Vanderplassen, W., Van Royen, P., Hannes, K., Practitioner review: evidence-based practice guidelines on alcohol and drug misuse among adolescents: a systematic review, <i>Journal of child psychology and psychiatry, and allied disciplines</i> , 55, 3-21, 2014	Systematic review of guidelines, not primary studies
Belcher, H. M. E., Shinitzky, H. E., Substance abuse in children: Prediction, protection, and prevention, <i>Archives of Pediatrics & Adolescent Medicine</i> , 152, 952-960, 1998	Does not meet systematic review criteria
Bellis, M. A., Hughes, K., Lowey, H., Healthy nightclubs and recreational substance use - From a harm minimisation to a healthy settings approach, <i>Addictive Behaviors</i> , 27, 1025-1035, 2002	Study design (discussion paper)
Bender, K., Tripodi, S., Rock, J., Adolescents, <i>Social work practice in the addictions.</i> , 183-198, 2013	Not targeted at a group of interest
Bender, K., Tripodi, S., Sarteschi, C., Vaughn, M., A meta-analysis of interventions to reduce adolescent Cannabis use, <i>Research on Social Work Practice</i> , 21, 153-164, 2011	Treatment rather than prevention
Bentley Rubio, C. M., Facilitators and barriers to implementing environmental prevention strategies of drug-free communities support program grants, <i>Dissertation Abstracts International: Section B: The Sciences and Engineering</i> , 74, No-Specified, 2013	Paper unavailable
Berg, R. C., Underland, V., The effectiveness of primary interventions to prevent the use of tobacco, alcohol and other drugs among children and adolescents (Structured abstract), <i>Health Technology Assessment Database</i> , 2012	Norwegian language paper
Bermudez Parsai, M., Castro, F. G., Marsiglia, F. F., Harthun, M. L., Valdez, H., Using community based participatory research to create a culturally grounded intervention for parents and youth to prevent risky behaviors, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 12, 34-47, 2011	Not targeted at a group of interest
Bernstein, E., Edwards, E., Dorfman, D., Heeren, T., Bliss, C., Bernstein, J., Screening and Brief Intervention to Reduce Marijuana Use Among Youth and Young Adults in a Pediatric Emergency Department, <i>Academic Emergency Medicine</i> , 16, 1174-1185, 2009	SBIRT study - includes universal screening
Bernstein, S. L., D'Onofrio, G., A promising approach for emergency departments to care for patients with substance use and behavioral disorders, <i>Health affairs (Project Hope)</i> , 32, 2122-8, 2013	SBIRT study - includes universal screening
Bishop, D. C., Dusenbury, L., Pankratz, M. M., Hansen, W. B., Promoting quality of program delivery via an internet message delivery system, <i>Journal of Drug Education</i> , 43, 235-54, 2013	Universal schools paper (evaluates how an IT system can improve delivery of interventions; tested primarily on universal schools interventions)
Bishop, J., Whitear, B. A. and, Brown, S., A review of substance use education in fifty secondary schools in South Wales, <i>Health Education Journal</i> , 60, pp164, 2001	Not targeted at a group of interest
Black, D. R., Tobler, N. S., Sciacca, J. P., Peer Helping/Involvement: An Efficacious Way to Meet the Challenge of Reducing Alcohol, Tobacco, and Other Drug Use Among Youth?, <i>Journal of School Health</i> , 68, 87-93, 1998	Does not meet systematic review criteria
Black, M. M., Krishnakumar, A., Children in low-income, urban settings - Interventions to promote mental health and well-being, <i>American Psychologist</i> , 53, 635-646, 1998	Does not meet systematic review criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Blake, S. M., Amaro, H., Schwartz, P. M., Flinchbaugh, L. J., A review of substance abuse prevention interventions for young adolescent girls, <i>Journal of Early Adolescence</i> , 21, 294-324, 2001	Does not meet systematic review criteria
Blunk, M., Williams, K., Early identification, treatment, and interventions for the prevention of benzodiazepine dependence with anxiety disorders, <i>Mental Health and Substance Use: dual diagnosis</i> , 4, 277-292, 2011	Out of scope (prevention of benzodiazepine dependence in patients legally prescribed them)
Bodin, M., Leifman, H., A randomized effectiveness trial of an adult-to-youth mentoring program in Sweden, <i>Addiction Research & Theory</i> , 19, 438-447, 2011	Not targeted at a group of interest
Bohnert, K. M., Anthony, J. C., Breslau, N., Parental monitoring at age 11 and subsequent onset of cannabis use up to age 17: results from a prospective study, <i>Journal of Studies on Alcohol and Drugs</i> , 73, 173-7, 2012	No drug misuse prevention intervention described
Bolier, L., Voorham, L., Monshouwer, K., van, H. N., Bellis, M., Alcohol and drug prevention in nightlife settings: A review of experimental studies, <i>Substance Use & Misuse</i> , 46, 1569-1591, 2011	Systematic review but only 11% of included studies may meet our eligibility criteria
Bonell, C., Jamal, F. Harden A. Wells H. Parry W. Fletcher A. Petticrew, Systematic review of the effects of schools and school environment interventions on health: evidence mapping and synthesis, <i>Public Health Research</i> , 1, 1-319, 2013	Systematic review but 0 included studies meet our eligibility criteria
Bonnell, C., Thomas, J., Campbell, R., Murphy, S., Fletcher, A., The effects of positive youth development interventions on substance use, violence and inequalities: systematic review of theories of change, processes and outcomes , 2015	Protocol
Bonsack, C., Manetti, S. G., Favrod, J., Montagrin, Y., Besson, J., Bovet, P., Conus, P., Motivational Intervention to Reduce Cannabis Use in Young People with Psychosis: A Randomized Controlled Trial, <i>Psychotherapy and Psychosomatics</i> , 80, 287-297, 2011	Treatment rather than prevention
Borsari, B., The addiction syndrome and the college setting: Prevention, <i>APA addiction syndrome handbook, Vol. 2: Recovery, prevention, and other issues.</i> , 247-269, 2012	Paper unavailable
Botvin, G. J., Glantz, M. D., Hartel, C. R., Adolescent drug abuse prevention: Current findings and future directions, 1999	Study design (not primary research or a systematic review)
Botvin, G. J., Griffin, K. W., Life Skills Training: A competence enhancement approach to tobacco, alcohol, and drug abuse prevention, <i>Handbook of adolescent drug use prevention: Research, intervention strategies, and practice.</i> , 177-196, 2015	Paper unavailable
Botvin, G. J., Griffin, K. W., Life Skills Training: Empirical Findings and Future Directions, <i>The journal of primary prevention</i> , 25, 211-232, 2004	Universal school intervention
Botvin, G. J., Griffin, K. W., Advances in the science and practice of prevention: Targeting individual-level etiologic factors and the challenge of going to scale, <i>Handbook of drug use etiology: Theory, methods, and empirical findings.</i> , 631-650, 2010	Book - no relevant data to extract
Botvin, G. J., Griffin, K. W., Life skills training: preventing substance misuse by enhancing individual and social competence, <i>New directions for youth development</i> , 2014, 57-11, 2014	Study design (summary/overview piece; no extractable effectiveness or acceptability data)
Botvin, G. J., Griffin, K. W., School-based programmes to prevent alcohol, tobacco and other drug use, <i>International review of psychiatry (Abingdon, England)</i> , 19, 607-15, 2007	Review of universal school interventions
Botvin, G. J., Griffin, K. W., Toward the development of preventive interventions to reduce HRSB, HIV/AIDS, and multiple problem behaviors, <i>Prevention Science</i> , 15, S81-S83, 2014	Not primary research (editorial)
Botvin, G. J., Preventing drug abuse in schools: Social and competence enhancement approaches targeting individual-level etiologic factors, <i>Addictive Behaviors</i> , 25, 887-897, 2000	Does not meet systematic review criteria
Bradley, E. G., The effects of a school-based motivational intervention on adolescent substance abuse, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 70, 1917, 2009	Not all participants fall into a target group of interest
Bratt, C., Guardians to counter adolescent drug use? Limitations of a routine activities approach, <i>Youth & Society</i> , 39, 385-405, 2008	Not targeted at a group of interest

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Braxter, B. J., Puskar, K., Mitchell, A. M., Hagle, H., Gotham, H., Terry, M. A., Nursing students' experiences with screening, brief intervention, and referral to treatment for substance use in the clinical/hospital setting, <i>Journal of Addictions Nursing</i> , 25, 122-9, 2014	SBIRT study - includes universal screening
Bray, J. W., Mallonee, E., Dowd, W., Program- and service-level costs of seven screening, brief intervention, and referral to treatment programs, <i>Substance abuse and rehabilitation</i> , 5, 63-73, 2014	SBIRT study - includes universal screening
Britton, W. B., Bootzin, R. R., Cousins, J. C., Hasler, B. P., Peck, T., Shapiro, S. L., The contribution of mindfulness practice to a multicomponent behavioral sleep intervention following substance abuse treatment in adolescents: a treatment-development study, <i>Substance Abuse</i> , 31, 86-97, 2010	Relapse prevention (participants have already completed an outpatient substance abuse treatment programme)
Brody, G. H., Chen, Y. F., Kogan, S. M., Yu, T., Molgaard, V. K., DiClemente, R. J., Wingood, G. M., Family-centered program deters substance use, conduct problems, and depressive symptoms in black adolescents, <i>Pediatrics</i> , 129, 108-115, 2012	Not targeted at a group of interest
Brody, G. H., Yu, T., Chen, Y. F., Kogan, S. M., Smith, K., The Adults in the Making program: Long-term protective stabilizing effects on alcohol use and substance use problems for rural African American emerging adults, <i>Journal of Consulting and Clinical Psychology</i> , 80, 17-28, 2012	Not primarily a drug misuse prevention intervention
Broning, S., Kumpfer, K., Kruse, K., Sack, P. M., Schaunig-Busch, I., Ruths, S., Moesgen, D., Pflug, E., Klein, M., Thomasius, R., Selective prevention programs for children from substance-affected families: A comprehensive systematic review, <i>Substance Abuse Treatment, Prevention, & Policy</i> , 7, 23-40, 2012	Systematic review but only a maximum of 46% of included studies meet our eligibility criteria
Brown, E. C., Hawkins, J. D., Arthur, M. W., Briney, J.S., Fagan, A. A., Prevention service system transformation using Communities That Care, <i>Journal of Community Psychology</i> , 39, 183-201, 2011	Not targeted at a group of interest
Brown, E. C., Hawkins, J. D., Rhew, I.C., Shapiro, V. B., Abbott, R. D., Oesterle, S., Arthur, M. W., Briney, J. S., Catalano, R. F., Prevention system mediation of communities that care effects on youth outcomes, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 15, 623-32, 2014	Not targeted at a group of interest
Brown, J. H., Caston, M. D., On becoming "at risk" through drug education: How symbolic policies and their practices affect students, <i>Evaluation Review</i> , 19, 451-492, 1995	Universal schools paper
Brown, J. H., Clarey, A. M., The social psychology of disintegrative shaming in education, <i>Journal of Drug Education</i> , 42, 229-53, 2012	Not targeted at a group of interest
Brown, K. J., Block, A. J., Evaluation of Project Chrysalis: A school-based intervention to reduce negative consequences of abuse, <i>Special Issue: Substance abuse prevention among young female adolescents.</i> , 21, 325-353, 2001	Not all participants fall into a target group of interest
Buckley, E. J., White, D. G., Systematic review of the role of external contributors in school substance use education, 107, 42 - 62, 2007	Review of universal school interventions
Buhler, A., Thurl, B., Prevention of addictive behaviours, <i>Research and Practice in Health Promotion</i> , Volume 46, Federal Centre for Health Education (BZgA), 2013 [Translated and published in English in 2015]	Systematic review but not possible to disaggregate findings related to drug misuse prevention among target groups of interest
Bumbarger, B. K., Understanding and promoting treatment integrity in prevention, <i>Treatment integrity: A foundation for evidence-based practice in applied psychology.</i> , 35-54, 2014	Paper unavailable
Buncher, R. M., The replicability and transferability of a school-based substance abuse prevention program to a community-based setting, <i>Dissertation Abstracts International: Section B: The Sciences and Engineering</i> , 57, 6559, 1997	Dissertation abstract
Burrus, B., Leeks, K. D., Sipe, T. A., Dolina, S., Soler, R., Elder, R., Barrios, L., Greenspan, A., Fishbein, D., Lindegren, M. L., Achrekar, A., Dittus, P., Person-to-person interventions targeted to parents and other caregivers to improve adolescent health: A community guide systematic review, <i>American Journal of Preventive Medicine</i> , 42, 316-326, 2012	Systematic review but only a maximum of 33% of included studies meet our eligibility criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Byrnes, H. F., Miller, B. A., Aalborg, A. E., Keagy, C. D., The relationship between neighborhood characteristics and recruitment into adolescent family-based substance use prevention programs, <i>The journal of behavioral health services & research</i> , 39, 174-89, 2012	Not targeted at a group of interest
Byrnes, H. F., Miller, B. A., Laborde, N., A comparison of maternal outcomes from an alcohol, tobacco, and other drug prevention program for mothers choosing an intervention versus being randomized, <i>Health education & behavior : the official publication of the Society for Public Health Education</i> , 40, 206-15, 2013	Not targeted at a group of interest
CADTH, Prevention strategies for substance misuse: a review of the clinical evidence, Ottawa: Canadian Agency for Drugs and Technologies in Health (CADTH), 2012	Systematic review but 0 included studies meet our eligibility criteria
Calafat, A., Juan, M., Duch, M.A., Preventive interventions in nightlife: a review, <i>Adicciones</i> , 21, 387-413, 2009	Does not meet systematic review criteria
Carney, T., Myers, B. J., Louw, J., Okwundu, C. I., Brief school-based interventions and behavioural outcomes for substance-using adolescents, <i>Cochrane Database of Systematic Reviews</i> , 2014	Systematic review but only a maximum of 50% of included studies meet our eligibility criteria
Carney, T., Myers, B., Effectiveness of early interventions for substance-using adolescents: Findings from a systematic review and meta-analysis, <i>Substance Abuse Treatment, Prevention, & Policy</i> , 7, 25, 2012	Systematic review but only 67% of included studies meet our eligibility criteria
Catalano, R. F., Haggerty, K. P., Gaine, R. R., Hoppe, M. J., Reducing parental risk factors for children's substance misuse: Preliminary outcomes with opiate-addicted parents, <i>Substance Use & Misuse</i> , 32, 699-721, 1997	No relevant child outcomes reported
Catford, J., Illicit drugs: effective prevention requires a health promotion approach, <i>Health Promotion International</i> , 16, 107-110, 2001	Not primary research (editorial)
Chad Werch, C. E., Bian, H., DiClemente, C. C., Moore, M. J., Thombs, D., Ames, S. C., Huang, I. C., Pokorny, S., A brief image-based prevention intervention for adolescents, <i>Psychology of Addictive Behaviors</i> , 24, 170-175, 2010	Not targeted at a group of interest
Chamberlain, P., Leve, L. D., Smith, D. K., Preventing behavior problems and health-risking behaviors in girls in foster care, <i>International Journal of Behavioral Consultation and Therapy</i> , 2, 518-530, 2006	No relevant outcome data reported
Champion, K. E., Newton, N. C., Barrett, E. L., Teesson, M., A systematic review of school-based alcohol and other drug prevention programs facilitated by computers or the internet, <i>Drug and Alcohol Review</i> , 32, 115-23, 2013	Review of universal school interventions
Chaney, M.I P., Brubaker, M. D., Addiction in LGBTQ communities: Influences, treatment, and prevention, <i>Special Issue: Addiction in LGBTQ Communities: Influences, Treatment, and Prevention</i> , 6, 234-236, 2012	Not primary research (editorial piece)
Childers, J. W., Broyles, L. M., Hanusa, B. H., Kraemer, K. L., Conigliaro, J., Spagnoletti, C., McNeil, M., Gordon, A. J., Teaching the teachers: faculty preparedness and evaluation of a retreat in screening, brief intervention, and referral to treatment, <i>Substance abuse : official publication of the Association for Medical Education and Research in Substance Abuse</i> , 33, 272-7, 2012	SBIRT study - includes universal screening
Children and Young People Now, Targeted help tackles substance misuse, <i>CHILDREN AND YOUNG PEOPLE NOW</i> , 30-31, 2013	Paper unavailable
Cho, H. S., Hallfors, D. D., Sanchez, V., Evaluation of a high school peer group intervention for at-risk youth, <i>Journal of abnormal child psychology</i> , 33, 363-374, 2005	Not all participants fall into a target group of interest
Chou, C. P., Montgomery, S., Pentz, M. A., Rohrbach, L. A., Johnson, C. A., Flay, B. R., MacKinnon, D. P., Effects of a community-based prevention program on decreasing drug use in high-risk adolescents, <i>American Journal of Public Health</i> , 88, 944-948, 1998	Not targeted at a group of interest (subgroup analysis of a universal intervention)
Cisler, A. M., Assessing the methods of identification, the availability of school-based support, and the perceived barriers to providing support for children of substance abusing parents, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 74, No-Specified, 2014	Paper unavailable
Clark, H. K., Ringwalt, C. L., Hanley, S., Shamblen, S. R., Flewelling, R. L., Hano, M. C., Project SUCCESS' effects on the substance use of alternative high school students, <i>Addictive Behaviors</i> , 35, 209-17, 2010	Universal school intervention (alternative/continuation high schools)

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Clark, H., Ringwalt, C., Shamblen, S., Hanley, S., Project success' effects on substance use-related attitudes and behaviors: A randomized controlled trial in alternative high schools, <i>Journal of Drug Education</i> , 41, 17-44, 2011	Universal school intervention (alternative/continuation high schools)
Clark, R. J., Adolescent high risk factors for drug use, and development toward a school drug prevention program, Dissertation Abstracts International: Section B: The Sciences and Engineering, 55, 5562, 1995	Dissertation abstract
Clarke, A. M., Morreale, S., Field, C. A., Hussein, Y., Barry, M. M., What works in enhancing social and emotional skills development during childhood and adolescence? A review of the evidence on the effectiveness of school based and out-of-school programmes in the UK, 236pp., 2015	Systematic review but only 2% of included studies meet our eligibility criteria
Clettenberg, S. M., Lau, J., Bonsu, P., SAFE4Kids: promoting child well-being through interagency collaboration, <i>Protecting children</i> , 25, 37-49, 2010	Paper unavailable
Clutterbuck, O. L., A case study of an effective substance abuse prevention program for adolescent males with emotional/behavioral disorders, Dissertation Abstracts International Section A: Humanities and Social Sciences, 62, 88, 2001	Paper unavailable
Collier, C., Effects of comprehensive, multiple high-risk behaviors prevention program on high school students, Dissertation Abstracts International Section A: Humanities and Social Sciences, 75, No-Specified, 2014	Not targeted at a group of interest
Coman, E. N., Lin, C. A., Suggs, S. L., Iordache, E., McArdle, J. J., Barbour, R., Altering dynamic pathways to reduce substance use among youth: Changes achieved by dynamic coupling, <i>Addiction Research & Theory</i> , 22, 505-514, 2014	Not targeted at a group of interest
Compton, P., Boyd, C. J., Gourlay, W., Prescription medication abuse: What do we do?, <i>Journal of Addictions Nursing</i> , 22, 5-7, 2011	Not primary research (editorial)
Conrod, P. J., Castellanos-Ryan, N., Strang, J., Brief, personality-targeted coping skills interventions and survival as a non-drug user over a 2-year period during adolescence, <i>Archives of General Psychiatry</i> , 67, 85-93, 2010	Not targeted at a group of interest
Copeland, J., Application of technology in the prevention and treatment of substance use disorders and related problems: opportunities and challenges, <i>Substance Use & Misuse</i> , 46, 112-3, 2011	Not primary research (editorial)
Coren, E., Hossain, R., Pardo Pardo, J., Veras, M. M. S., Chakraborty, K., Harris, H., Martin, A. J., Interventions for promoting reintegration and reducing harmful behaviour and lifestyles in street-connected children and young people, <i>Cochrane Database of Systematic Reviews</i> , 2013	Systematic review but only 45% included studies meet our eligibility criteria
Coser, L. R., Tozer, K., Van Borek, N., Tzemis, D., Taylor, D., Saewyc, E., Buxton, J. A., Finding a voice: participatory research with street-involved youth in the youth injection prevention project, <i>Health promotion practice</i> , 15, 732-8, 2014	No relevant outcome data reported
Couzin-Frankel, J., Public health. U.S. panel favors wider use of preventive drug treatment, <i>Science (New York, N.Y.)</i> , 327, 130-1, 2010	Not primary research (news article)
Crowley, D. M., Evaluating the cost-effectiveness of real-world prevention: Approaches for estimating the efficiency of evidence-based programming, Dissertation Abstracts International: Section B: The Sciences and Engineering, 74, No-Specified, 2013	Paper unavailable
Cuijpers, P., Effective ingredients of school-based drug prevention programs - A systematic review, <i>Addictive Behaviors</i> , 27, 1009-1023, 2002	Review of universal school interventions
Cuijpers, P., Peer-led and adult-led school drug prevention: a meta-analytic comparison (Structured abstract), <i>Journal of Drug Education</i> , 32, 107-119, 2002	Meta-analysis of universal school interventions
Cummings, M., Whitlock, A., Draper, M., Renschler, L., Bastian, K., Cox, C. C., Visker, J. D., "All Stars" for at-risk middle school students in an afterschool setting: A pilot program, <i>Journal of Substance Use</i> , 19, 444-447, 2014	Not clear if intervention is targeted at a group of interest
Cunningham, P. B., Henggeler, S. W., Implementation of an empirically based drug and violence prevention and intervention program in public school settings, <i>Journal of Clinical Child Psychology</i> J. Clin. Child Psychol., 30, 221-32, 2001	No relevant outcome data reported
Cushing, C. C., Jensen, C. D., Miller, M. B., Leffingwell, T. R., Meta-analysis of motivational interviewing for adolescent health behavior: efficacy beyond substance use, <i>Journal of Consulting and Clinical Psychology</i> , 82, 1212-1218, 2014	Not related to drug misuse

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Dale, H., Brassington, L., King, K., The impact of healthy lifestyle interventions on mental health and wellbeing: a systematic review, <i>Mental Health Review Journal</i> , 19(1), 1-26, 2014	Systematic review but only 3% of included studies meet our eligibility criteria
Dallery, J., Jarvis, B., Marsch, L., Xie, H., Mechanisms of change associated with technology-based interventions for substance use, <i>Drug and Alcohol Dependence</i> , 150, 14-23, 2015	Treatment rather than prevention
D'Amico, E. J., Fromme, K., Brief prevention for adolescent risk-taking behavior, <i>Addiction</i> , 97, 563-574, 2002	Systematic review but only 4% of included studies meet our eligibility criteria
D'Amico, E. J., Fromme, K., Implementation of the Risk Skills Training Program: A brief intervention targeting adolescent participation in risk behaviors, <i>Cognitive and Behavioral Practice</i> , 7, 101-117, 2000	Not targeted at a group of interest
D'Amico, E., Miles, J. N. V., Stern, S. A., Meredith, L. S., Brief motivational interviewing for teens at risk of substance use consequences: A randomized pilot study in a primary care clinic, <i>Journal of Substance Abuse Treatment</i> , 35, 53-61, 2008	Intervention includes universal screening
Davidson, C., Neighbors, C., Hall, G., Hogue, A., Cho, R., Kutner, B., Morgenstern, J., Association of housing first implementation and key outcomes among homeless persons with problematic substance use, <i>Psychiatric services (Washington, D.C.)</i> , 65, 1318-24, 2014	Housing First study - unclear if intervention contains any drug misuse prevention elements
Davoudi, M., Rawson, R. A., Screening, brief intervention, and referral to treatment (SBIRT) initiatives in California: notable trends, challenges, and recommendations, <i>Journal of psychoactive drugs, Suppl 6</i> , 239-48, 2010	SBIRT study - includes universal screening
Dawe, S., The Focus on Families intervention may reduce the risk of substance use among male but not female offspring of substance users, <i>Evidence-based mental health</i> , 12, 84, 2009	Not primary research (commentary)
Dawson Rose, C., Cuca, Y. P., Kamitani, E., Eng, S., Zepf, R., Draughon, J., Lum, P., Using Interactive Web-Based Screening, Brief Intervention and Referral to Treatment in an Urban, Safety-Net HIV Clinic, <i>AIDS and Behavior</i> , 19 Suppl 2, 186-93, 2015	SBIRT study - includes universal screening
Daykin, N., Orme, J., Evans, D., Salmon, D., McEachran, M., Brain, S., The impact of participation in performing arts on adolescent health and behaviour: a systematic review of the literature, <i>Journal of Health Psychology</i> , 13(2), 251-264, 2008	Systematic review but only 14% of included studies meet our eligibility criteria
de Vet, R., van Luijelaar, M. J. Brilleslijper-Kater S. N. Vanderplasschen W. Be, Effectiveness of case management for homeless persons: a systematic review, <i>American Journal of Public Health</i> , 103(10), e13-e26, 2013	Outcome data inadequately reported
Deady, M., Teesson, M., Kay-Lambkin, F. J., Treatments for co-occurring depression and substance use in young people: a systematic review (Provisional abstract), <i>Database of Abstracts of Reviews of Effects</i> , 3-17, 2014	Paper unavailable
DeGarmo, D. S., Reid, J. B., Fetrow, B. A., Fisher, P. A., Antoine, K. D., Ahart, B., Preventing child behavior problems and substance use: The pathways home foster care reunification intervention, <i>Journal of Child & Adolescent Substance Abuse</i> , 22, 388-406, 2013	No relevant outcome data reported
DeGuire, C. A., Thyrum, E., Evaluating a community-based drug and alcohol prevention program for at-risk youth, <i>Journal of Offender Rehabilitation</i> , 29, 143-155, 1999	Not targeted at a group of interest
Dell, C. A., Duncan, C. R., DesRoches, A., Bendig, M., Steeves, M., Turner, H., Quaife, T., McCann, C., Enns, B., Back to the basics: identifying positive youth development as the theoretical framework for a youth drug prevention program in rural Saskatchewan, Canada amidst a program evaluation, <i>Substance Abuse Treatment, Prevention, and Policy</i> , 8, 36, 2013	No relevant outcome data reported
Dembo, R., Cervenka, K. A., Hunter, B., Wang, W., Engaging high risk families in community based intervention services, <i>Aggression and Violent Behavior</i> , 4, 41-58, 1999	No relevant outcome data reported
Demers, J., French, D. C., Moore, D., The preliminary evaluation of a program to help educators address the substance use/prevention needs of special students, <i>Journal of Alcohol and Drug Education</i> , 46, 14, 2000	Not targeted at a group of interest
D'Emidio-Caston, M., Brown, J. H., The other side of the story. Student narratives on the California Drug, Alcohol, and Tobacco Education Programs, <i>Evaluation Review</i> , 22, 95-117, 1998	Not targeted at a group of interest

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Dennhardt, A. A., Murphy, J. G., Prevention and treatment of college student drug use: A review of the literature, <i>Addictive Behaviors</i> , 38, 2607-18, 2013	Does not meet systematic review criteria
Dent, C. W., Sussman, S., Hennesy, M., Galaif, E. R., Stacy, A. W., Moss, M., Craig, S., Implementation and process evaluation of a school-based drug abuse prevention program: Project Towards No Drug Abuse, <i>Journal of Drug Education</i> , 28, 361-75, 1998	Universal school intervention (alternative/continuation high schools)
DeWit, David J., Steep, Babara, Silverman, Gloria, Stevens-Lavigne, Andrea, Ellis, Kathy, Smythe, Cindy, Rye, Barbara J., Braun, Kathy, Wood, Eileen, Evaluating an in-school drug prevention program for at-risk youth, <i>Alberta Journal of Educational Research</i> , 46, 117-133, 2000	Not clear if intervention is targeted at a group of interest
Diamond, G. S., Liddle, H. A., Wintersteen, M. B., Dennis, M. L., Godley, S. H., Tims, F., Early therapeutic alliance as a predictor of treatment outcome for adolescent cannabis users in outpatient treatment, <i>The American journal on addictions / American Academy of Psychiatrists in Alcoholism and Addictions</i> , 15 Suppl 1, 26-33, 2006	Treatment rather than prevention
Dishion, T. J., Andrews, D. W., PREVENTING ESCALATION IN PROBLEM BEHAVIORS WITH HIGH-RISK YOUNG ADOLESCENTS - IMMEDIATE AND 1-YEAR OUTCOMES, <i>Journal of Consulting and Clinical Psychology</i> , 63, 538-548, 1995	Not all participants fall into a target group of interest
Dishion, T. J., Nelson, S. E., Kavanagh, K., The Family Check-Up with high-risk young adolescents: Preventing early-onset substance use by parent monitoring, <i>Behavior Therapy</i> , 34, 553-571, 2003	Not targeted at a group of interest
D'Onofrio, G., Degutis, L. C., Integrating Project ASSERT: a screening, intervention, and referral to treatment program for unhealthy alcohol and drug use into an urban emergency department, <i>Academic emergency medicine : official journal of the Society for Academic Emergency Medicine</i> , 17, 903-11, 2010	Includes universal screening
Ducker, S., Terry, J., Home to Homeroom program brings school nurses to the forefront of teen substance abuse prevention, <i>NASN school nurse (Print)</i> , 27, 329-30, 2012	No relevant outcome data reported
Dunn, C., Deroo, L., Rivara, F. P., The use of brief interventions adapted from motivational interviewing across behavioral domains: a systematic review, <i>Addiction</i> , 96, 1725-1742, 2001	Systematic review but only 41% of included studies meet our eligibility criteria
Dusenbury, L., Falco, M., Lake, A., A review of the evaluation of 47 drug abuse prevention curricula available nationally, <i>Journal of School Health</i> , 67, 127-132, 1997	Review of universal school interventions
Dusenbury, L., Hansen, W. B., Jackson-Newsom, J., Pittman, D. S., Wilson, C. V., Nelson-Simley, K., Ringwalt, C., Pankratz, M., Giles, S. M., Coaching to enhance quality of implementation in prevention, <i>Health Education</i> , 110, 43-60, 2010	Universal school intervention
Dwinnells, R., SBIRT as a Vital Sign for Behavioral Health Identification, Diagnosis, and Referral in Community Health Care, <i>Annals of Family Medicine</i> , 13, 261-3, 2015	SBIRT study - includes universal screening
Eley, S., Community-backed drug initiative in the UK: a review and commentary on evaluations, <i>Health and Social Care in the Community</i> , 10, 99-105, 2002	Does not meet systematic review criteria
Elliott, L., Orr, L., Watson, L., Jackson, A., How Effective are Secondary Prevention Interventions for Young Drug Users?, <i>Family Therapy</i> , 32, 15-30, 2005	Does not meet systematic review criteria
Elliott, L., Orr, L., Watson, L., Jackson, A., Secondary prevention interventions for young drug users: a systematic review of the evidence, <i>Adolescence</i> , 40, 1 - 22, 2005	Systematic review but only 29% of included studies meet our eligibility criteria
Elmqvist, D., A systematic review of parent-oriented programs to prevent children's use of alcohol and other drugs, <i>Journal of Drug Education</i> , 25, 251-279, 1995	Does not meet systematic review criteria
Embry, D. D., The Good Behavior Game: a best practice candidate as a universal behavioral vaccine, <i>Clinical Child and Family Psychology Review</i> , 5, 273-297, 2002	Study design (not primary research or a systematic review)
Ennett, S. T., Tobler, N. S., Ringwalt, C. L., Flewelling, R. L., Marilyn, McShane, Frank, P. Williams, Iii., eds., How Effective Is Drug Abuse Resistance Education? A Meta-Analysis of Project DARE Outcome Evaluations, 60-67, 1997	Not clear if intervention is targeted at a group of interest

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Espad, J. P., Gonzalez, M. T., Orgiles, M., Lloret, D., Guillen-Riquelme, A., Meta-analysis of the effectiveness of school substance abuse prevention programs in Spain, <i>Psicothema</i> , 27, 2015	Review of universal school interventions
Estee, S., Wickizer, T., He, L., Shah, M. F., Mancuso, D., Evaluation of the Washington state screening, brief intervention, and referral to treatment project: cost outcomes for Medicaid patients screened in hospital emergency departments, <i>Medical care</i> , 48, 18-24, 2010	SBIRT study - includes universal screening
Evans, R., Parents involvement in drug prevention and education: A comparative study of programme effectiveness in the UK and USA, <i>Early Child Development and Care</i> , 150, 69-95, 1999	Does not meet systematic review criteria
Evans-Whipp, T., Beyers, J. M., Lloyd, S., Lafazia, A. N., Toumbourou, J. W., Arthur, M. W., Catalano, R. F., A review of school drug policies and their impact on youth substance use, <i>Health Promotion International</i> , 19, 227 - 234, 2004	Review of universal school interventions
Everson-Hock, E., Jones, R., Guillaume, L., Duenas, A., Goyder, L., Chilcott, J., Payne, N., The effect of support services for transition to adulthood/leaving care on the adult outcomes of looked after young people, 2011	No drug misuse prevention interventions included
Fagan, A. A., Hanson, K., Briney, J. S., Hawkins, J. D., Sustaining the utilization and high quality implementation of tested and effective prevention programs using the communities that care prevention system, <i>American journal of community psychology</i> , 49, 365-77, 2012	Not targeted at a group of interest
Fagan, A. A., Hawkins, J. D., Enacting preventive interventions at the community level: The Communities that Care Prevention System, <i>Handbook of adolescent drug use prevention: Research, intervention strategies, and practice.</i> , 343-360, 2015	Paper unavailable
Fagan, A. A., Hawkins, J. D., Preventing substance use, delinquency, violence, and other problem behaviors over the life-course using the Communities That Care system, <i>Handbook of life-course criminology: Emerging trends and directions for future research.</i> , 277-296, 2013	Paper unavailable
Fagan, A. A., Mihalic, S., Strategies for enhancing the adoption of school-based prevention of programs: Lessons learned from the blueprints for violence of prevention replications of the life skills training program, <i>Journal of Community Psychology</i> , 31, 235-253, 2003	Not targeted at a group of interest
Faggiano, F., Galanti, M. R., Bohrn, K., Burkhardt, G., Vigna-Taglianti, F., Cuomo, L., Fabiani, L., Panella, M., Perez, T., Siliquini, R., van der Kreeft, P., Vassara, M., Wiborg, G., Eu-Dap Study, Grp, The effectiveness of a school-based substance abuse prevention program: EU-Dap cluster randomised controlled trial, <i>Preventive Medicine</i> , 47, 537-543, 2008	Universal school intervention
Faggiano, F., Minozzi, S., Versino, E., Buscemi, D., Universal school-based prevention for illicit drug use, <i>Cochrane Database of Systematic Reviews</i> , 2014, Art. No.: CD003020, 2014	Review of universal school interventions
Faggiano, F., Vigna-Taglianti, F. D., Versino, E., Zambon, A., Borraccino, A., Lemma, P., School-based prevention for illicit drugs use: A systematic review, <i>Preventive Medicine</i> , 46, 385-396, 2008	Review of universal school interventions
Faggiano, F., Vigna-Taglianti, F., Burkhardt, G., Bohrn, K., Cuomo, L., Gregori, D., Panella, M., Scatigna, M., Siliquini, R., Varona, L., van der Kreeft, P., Vassara, M., Wiborg, G., Galanti, M. R., E. U-Dap Study Grp, The effectiveness of a school-based substance abuse prevention program: 18-Month follow-up of the EU-Dap cluster randomized controlled trial, <i>Drug and Alcohol Dependence</i> , 108, 56-64, 2010	Universal school intervention
Falck R., Carlson R., Wang J et al. (2004) Sources of information about MDMA (3,4-methylenedioxyamphetamine): perceived accuracy, importance, and implications for prevention among young adult users. <i>Drug and Alcohol Dependence</i> 74: 45-54	No relevant outcome data reported
Fals-Stewart, W., Fincham, F. D., Kelley, M. L., Substance-abusing parents' attitudes toward allowing their custodial children to participate in treatment: A comparison of mothers versus fathers, <i>Journal of Family Psychology</i> , 18, 666-671, 2004	No relevant outcome data reported
Faulkner, N., McCambridge, J., Slym, R. L., Rollnick, S., It ain't what you do, it's the way that you do it: a qualitative study of advice for young cannabis users, <i>Drug and Alcohol Review</i> , 28, 129-134, 2009	Study design (content/thematic analysis of advice sessions deemed to be most effective at engaging participants - no outcome data relating to effectiveness or acceptability of intervention itself)

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Ferri, M., Bo, A., EMCDDA Best Practice Promotion in Europe: an internet based dissemination tool, <i>Adicciones</i> , 25, 3-6, 2013	Not primary research (narrative piece describing the development of a tool for disseminating best practice on drug misuse prevention)
Ficaro, R. C., Webb, N. B., The many losses of children in substance-disordered families: Individual and group interventions, <i>Play therapy with children in crisis: Individual, group, and family treatment (2nd ed.)</i> , 294-317, 1999	No relevant outcome data reported
Fischer, B., Gooch, J., Goldman, B., Kurdyak, P., Rehm, J., Nonmedical prescription opioid use and mental health and pain comorbidities: a narrative review, <i>Canadian journal of psychiatry. Revue canadienne de psychiatrie</i> , 56, 495-502, 2011	Not primary research (overview/discussion paper)
Fitzpatrick-Lewis, D., Ganann, R., Krishnaratne, S., Ciliska, D., Kouyoumdjian, F., Hwang, S. W., Effectiveness of interventions to improve the health and housing status of homeless people: A rapid systematic review, <i>BMC Public Health</i> , 11, 638, 2011	Systematic review but only a maximum of 50% of included studies meet our eligibility criteria
Flay, B. R., Approaches to substance use prevention utilizing school curriculum plus social environment change, <i>Addictive Behaviors</i> , 25, 861-885, 2000	Does not meet systematic review criteria
Fletcher, A., Bonell, C., Hargreaves, J., School effects on young people's drug use: A systematic review of intervention and observational studies, <i>Journal of Adolescent Health</i> , 42, 209-220, 2008	Review of universal school interventions
Forman, S. G., Kalafat, J., Substance Abuse and Suicide: Promoting Resilience against Self-Destructive Behavior in Youth, <i>School Psychology Review</i> , 27, 398-406, 1998	Does not meet systematic review criteria
Fosco, G. M., Frank, J. L., Stormshak, E. A., Dishion, T. J., Opening the "Black Box": family check-up intervention effects on self-regulation that prevents growth in problem behavior and substance use, <i>Journal of school psychology</i> , 51, 455-68, 2013	Not targeted at a group of interest
France, A., Crow, I., CTC: the story so far; an interim evaluation of Communities That Care, 44p., bibliog., 2001	Not targeted at a group of interest
France, A., Involving communities in the evaluation of programmes with 'at risk' children and young people, <i>Children & Society/Child. Soc.</i> , 15, pp39, 2001	Not targeted at a group of interest
FRANK, FRANK action update: vulnerable young people: making the difference, 44pp., 2006	No relevant outcome data reported
Frankel, A. J., The Case for Drug Prevention in Early Childhood, <i>Alcoholism Treatment Quarterly</i> , 16, 13-23, 1998	Does not meet systematic review criteria
Fraser, J., Vitaro, F., Les programmes de prevention des toxicomanies chez les jeunes: une recension critique des ecrits/(Programs of drug abuse prevention among young people: A critical review.), <i>Science et Comportement</i> , 24, 1-30, 1995	French language paper
Freudenberg, N., Ramaswamy, M., Daniels, J., Crum, M., Ompad, D. C., Vlahov, D., Reducing Drug Use, Human Immunodeficiency Virus Risk, and Recidivism Among Young Men Leaving Jail: Evaluation of the REAL MEN Re-entry Program, <i>Journal of Adolescent Health</i> , 47, 448-455, 2010	Out of scope (participants recruited while in prison)
Friedman, A. S., Terras, A., Glassman, K., Multimodel substance use intervention program for male delinquents, <i>Journal of Child & Adolescent Substance Abuse</i> , 11, 43-65, 2002	Out of scope (participants in a custodial setting)
Froeschle, J. G., Smith, R. L., Ricard, R., The efficacy of a systematic substance abuse program for adolescent females, <i>Professional School Counseling</i> , 10, 498-505, 2007	Not targeted at a group of interest
Gance-Cleveland, B., Mays, M. Z., School-based support groups for adolescents with a substance-abusing parent, <i>Journal of the American Psychiatric Nurses Association</i> , 14, 297-309, 2008	Not all participants fall into a target group of interest
Gance-Cleveland, B., Qualitative evaluation of a school-based support group for adolescents with an addicted parent, <i>Nursing research</i> , 53, 379-386, 2004	Not all participants fall into a target group of interest
Gates, P. J., Norberg, M. M., Copeland, J., Digiusto, E., Randomized controlled trial of a novel cannabis use intervention delivered by telephone, <i>Addiction (Abingdon, England)</i> , 107, 2149-58, 2012	Treatment rather than prevention

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Gates, S., McCambridge, J., Smith, L. A., Foxcroft, D., Interventions for prevention of drug use by young people delivered in non-school settings, Cochrane Database of Systematic Reviews, 2006	Systematic review but only up to 35% of included studies meet our eligibility criteria
Ghitza, U. E., Gore-Langton, R. E., Lindblad, R. Shide, D., Subramaniam, G., Tai, B., Common data elements for substance use disorders in electronic health records: the NIDA Clinical Trials Network experience, <i>Addiction</i> (Abingdon, England), 108, 3-8, 2013	No drug misuse prevention interventions described
Gil, A. G., Wagner, E. F., Tubman, J. G., Culturally sensitive substance abuse intervention for Hispanic and African American adolescents: empirical examples from the Alcohol Treatment Targeting Adolescents in Need (ATTAIN) Project, <i>Addiction</i> , 99, 140-150, 2004	Treatment rather than prevention
Giudice, E. L., Lewin, L. O., Welsh, C., Crouch, T. B., Wright, K. S., Delahanty, J., DiClemente, C. C., Online Versus In-Person Screening, Brief Intervention, and Referral to Treatment Training in Pediatrics Residents, <i>Journal of graduate medical education</i> , 7, 53-8, 2015	Paper unavailable
Gmel, G., Gaume, J., Bertholet, N., Flueckiger, J., Daepfen, J., Effectiveness of a brief integrative multiple substance use intervention among young men with and without booster sessions, <i>Journal of Substance Abuse Treatment</i> , 44, 231-240, 2013	Not clear if all participants fall into a target group of interest
Gorman, D. M., Is Project Towards No Drug Abuse (Project TND) an evidence-based drug and violence prevention program? A review and reappraisal of the evaluation studies, <i>The journal of primary prevention</i> , 35, 217-32, 2014	Review of universal school intervention (including alternative/continuation high schools)
Gorman, D. M., The Irrelevance of Evidence in the Development of School-Based Drug Prevention Policy, 1986-1996, <i>Evaluation Review</i> , 22, 118-146, 1998	Universal schools paper
Gottfredson, D. C., Gottfredson, G. D., Skroban, S., A multimodel school-based prevention demonstration, <i>Special Issue: Preventing adolescent substance abuse</i> , 11, 97-115, 1996	Not targeted at a group of interest
Gottfredson, D. C., Wilson, D. B., Characteristics of effective school-based substance abuse prevention, <i>Prevention Science</i> , 4, Mar-38, 2003	Universal schools paper
Gould, J. R., A prevention program for adolescent substance abuse: Self-agency, community participation and religious perception, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 64, 3718, 2004	Dissertation abstract
Gray, E., McCambridge, J., Strang, J., The effectiveness of Motivational Interviewing delivered by youth workers in reducing drinking, cigarette and cannabis smoking among young people: Quasi-experimental pilot study, <i>Alcohol and Alcoholism</i> , 40, 535-539, 2005	Not all participants fall into a target group of interest
Gray, P., Seddon, T., Using the Cumulative Strategies Model for drug abuse prevention: a small group analysis of the Choices Program, <i>Am J Health Stud</i> , 16 (1), 24-33, 2005	Not all participants fall into a target group of interest
Grayson, R. C., Summer camp as an intervention for at-risk youth, <i>Dissertation Abstracts International: Section B: The Sciences and Engineering</i> , 62, 2535, 2001	Paper unavailable
Great Britain Home Office, Barnardo's, An evaluation of the Keighley Choices programme: October 2011 - March 2012, 82, 2013	Not all participants fall into a target group of interest
Greber, R. A., Allen, K. M., Soeken, K. L., Solounias, B. L., Outcome of trauma patients after brief intervention by a substance abuse consultation service, <i>The American journal on addictions / American Academy of Psychiatrists in Alcoholism and Addictions</i> , 6, 38-47, 1997	Treatment rather than prevention
Grenard, J. L., Ames, S. L., Pentz, M. A., Sussman, S., Motivational interviewing with adolescents and young adults for drug-related problems, <i>International Journal of Adolescent Medicine and Health</i> , 18, 53-67, 2006	Does not meet systematic review criteria
Grenard, J. L., Ames, S. L., Wiers, R. W., Thush, C., Stacy, A. W., Sussman, S., Brief intervention for substance use among at-risk adolescents: A pilot study, <i>Journal of Adolescent Health</i> , 40, 188-191, 2007	Universal school intervention (alternative/continuation high schools)
Griffin, B. A., Ramchand, R., Edelen, M. O., McCaffrey, D.I.F., Morral, A. R., Associations between abstinence in adolescence and economic and educational outcomes seven years later among high-risk youth, <i>Drug and Alcohol Dependence</i> , 113, 118-24, 2011	No drug misuse prevention intervention described

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Griffin, K. W., Botvin, G. J., Evidence-based interventions for preventing substance use disorders in adolescents, <i>Child and adolescent psychiatric clinics of North America</i> , 19, 505-26, 2010	Does not meet systematic review criteria
Griffin, K. W., Botvin, G. J., Nichols, T. R., Doyle, M. M., Effectiveness of a universal drug abuse prevention approach for youth at high risk for substance use initiation, <i>Preventive Medicine</i> , 36, 1-7, 2003	Not targeted at a group of interest (subgroup analysis of a universal intervention)
Griffin, K. W., Botvin, G. J., Nichols, T. R., Effects of a school-based drug abuse prevention program for adolescents on HIV risk behavior in young adulthood, <i>Prevention Science</i> , 7, 103-112, 2006	Not targeted at a group of interest (subgroup analysis of a universal intervention)
Griffin, K. W., Samuolis, J., Williams, C., Efficacy of a self-administered home-based parent intervention on parenting behaviors for preventing adolescent substance use, <i>Journal of Child and Family Studies</i> , 20, 319-325, 2011	Not targeted at a group of interest
Griffith, K. N., Scheier, L. M., Did we get our money's worth? Bridging economic and behavioral measures of program success in adolescent drug prevention, <i>International journal of environmental research and public health</i> , 10, 5908-35, 2013	Study design (methods paper describing approaches to economic evaluations of schools programmes; no actual effectiveness or cost-effectiveness data presented)
Grover, P. L., Preventing Substance Abuse among Children and Adolescents: Family-Centered Approaches. Reference Guide. Prevention Enhancement Protocols System (PEPS) Series, 1998	No drug misuse prevention interventions described
Gryczynski, J., Mitchell, S. G., Peterson, T. R., Gonzales, A., Moseley, A., Schwartz, R. P., The relationship between services delivered and substance use outcomes in New Mexico's Screening, Brief Intervention, Referral and Treatment (SBIRT) Initiative, <i>Drug and Alcohol Dependence</i> , 118, 152-7, 2011	SBIRT study - includes universal screening
Gulliver, A., Farrer, L., Chan, J. K. Y., Tait, R. J., Bennett, K., Calear, A. L., Griffiths, K. M., Technology-based interventions for tobacco and other drug use in university and college students: a systematic review and meta-analysis, <i>Addiction science & clinical practice</i> , 10, 5, 2015	Systematic review but only 25% of included studies meet eligibility criteria
Gurganus, K. M., Butt, A. L., Kirchenbauer, C. M., Melkvik, C., Piatt, J., Hawkins, J., U'Ren, S., Onuorah, Y., Implementing the Regional Epidemiological Outcomes Workgroup (REOW) in the State of Oklahoma for Substance Abuse Prevention: An ODMHSAS Project, <i>Community mental health journal</i> , 51, 535-9, 2015	No relevant outcome data reported
Guyll, M., Spoth, R., Cornish, M. A., Substance misuse prevention and economic analysis: challenges and opportunities regarding international utility, <i>Substance Use & Misuse</i> , 47, 877-88, 2012	Study design (methods paper describing approaches to economic evaluation in substance misuse filed; no actual effectiveness or cost-effectiveness data presented)
Gwin Mitchell, S., Gryczynski, J. O'Grady K. E. Schwartz R. P., SBIRT for adolescent drug and alcohol use: current status and future directions, <i>Journal of Substance Abuse Treatment</i> , 44(5), 463-472, 2013	SBIRT study - includes universal screening
Haggerty, K. and, Kosterman, R., Helping parents prevent problem behaviour, <i>Better: Evidence-based Education</i> , pp22, 2012	Paper unavailable
Haggerty, K. P., Fleming, C. B., Catalano, R. F., Petrie, R. S., Rubin, R. J., Grassley, M. H., Ten years later: Locating and interviewing children of drug abusers, <i>Evaluation and program planning</i> , 31, 1-9, 2008	No relevant outcome data reported
Haggerty, K. P., Long-term effects of staying connected with your teen: Exploring race differences and biological mechanisms of family preventive interventions, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 73, No-Specified, 2013	Paper unavailable
Haggerty, Kevin P., Shapiro, Valerie B., Science-based prevention through communities that care: a model of social work practice for public health, <i>Social work in public health</i> , 28, 349-65, 2013	Study design (not primary research or a systematic review)

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Haggerty, Kevin P., Skinner, Martie L., Catalano, Richard F., Abbott, Robert D., Crutchfield, Robert D., Long-term effects of staying connected with your teen on drug use frequency at age 20, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 16, 538-49, 2015	Not targeted at a group of interest
Hahn, E. J., Hall, L. A., Rayens, M. K., Myers, A. V., Bonnel, G., A School- and home-based drug prevention: Environmental, parent, and child risk reduction, <i>Drugs: Education, Prevention & Policy</i> , 14, 319-331, 2007	Universal school intervention
Hahn, E. J., Hall, L. A., Simpson, M. R., Drug prevention with high risk families and young children, <i>Journal of Drug Education</i> , 28, 327-45, 1998	Not targeted at a group of interest
Haighton, C. A., Newbury-Birch, D., Kaner, E. F. S., Screening and interventions in medical settings including brief feedback-focused interventions, <i>Comprehensive addictive behaviors and disorders, Vol. 3: Interventions for addiction.</i> , 287-298, 2013	Not primary research (editorial/discussion piece)
Hale, D., Fitzgerald-Yau, N., Viner, M. R., A systematic review of effective interventions for reducing multiple health risk behaviors in adolescence, <i>American Journal of Public Health</i> , 104, e19-e41, 2014	Review of universal school interventions
Hall, B., BaCon, T., Ferron, J., Randomized controlled evaluation of the too good for drugs prevention program: Impact on adolescents at different risk levels for drug use, <i>Journal of Drug Education</i> , 43, 277-300, 2013	Universal school intervention
Hall, N. W., Zigler, E., Drug-abuse prevention efforts for young children: A review and critique of existing programs, <i>American Journal of Orthopsychiatry</i> , 67, 134-143, 1997	Does not meet systematic review criteria
Haller, D. M., Meynard, A., Lefebvre, D., Tylee, A., Narring, F., Broers, B., Brief intervention addressing excessive cannabis use in young people consulting their GP: a pilot study, <i>The British journal of general practice : the journal of the Royal College of General Practitioners</i> , 59, 166-72, 2009	Includes universal screening
Haller, D. M., Meynard, A., Lefebvre, D., Ukoumunne, O. C., Narring, F., Broers, B., Effectiveness of training family physicians to deliver a brief intervention to address excessive substance use among young patients: A cluster randomized controlled trial, <i>Canadian Medical Association Journal</i> , 186, E263-E272, 2014	Includes universal screening
Hallfors, D., Cho, H., Sanchez, V., Khatapoush, S., Kim, H. M., Bauer, D., Efficacy vs effectiveness trial results of an indicated "model" substance abuse program: Implications for public health, <i>American Journal of Public Health</i> , 96, 2254-2259, 2006	Not targeted at a group of interest
Hallfors, D., Van Dorn, R. A., Strengthening the role of two key institutions in the prevention of adolescent substance abuse, 30, 17 - 28, 2002	Does not meet systematic review criteria
Halmi, A., Golik-Gruber, V., The prevention and reduction of the consumption of alcohol and any other drugs among a high-risk group of youths through improving family resilience, <i>Alcoholism</i> , 38, 41-55, 2002	Paper unavailable
Hankin, A., Haley, L., Baugher, A., Colbert, K., Houry, D., Kiosk versus in-person screening for alcohol and drug use in the emergency department: patient preferences and disclosure, <i>The western journal of emergency medicine</i> , 16, 220-8, 2015	Includes universal screening
Hanlon, T. E., Bateman, R. W., Simon, B. D., O'Grady, K. E., Carswell, S. B., An early community-based intervention for the prevention of substance abuse and other delinquent behavior, <i>Journal of youth and adolescence</i> , 31, 459-471, 2002	Not all participants fall into a target group of interest
Hansen, W. B., Derzon, J., Dusenbury, L., Bishop, D., Campbell, Karren, Alford, A., Operating characteristics of prevention programs: Connections to drug use etiology, <i>Handbook of drug use etiology: Theory, methods, and empirical findings.</i> , 597-616, 2010	Book - no relevant data to extract
Harden, A., Weston, R., Oakley, A., A review of the effectiveness and appropriateness of peer delivered health promotion interventions for young people, 1999	Systematic review but 0 included studies meet our eligibility criteria
Harris, S. K., Louis-Jacques, J., Knight, J. R., Screening and brief intervention for alcohol and other abuse, <i>Adolescent Medicine: State of the Art Reviews</i> , 25, 126-56, 2014	Paper unavailable
Harris, W. W., Ryan, J., Indicated prevention: bridging the gap, one person at a time, <i>Journal of psychoactive drugs, Suppl 6</i> , 277-85, 2010	No relevant outcome data reported

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Hawkins, J. D., Brown, E. C., Oesterle, S., Arthur, M.I W., Abbott, R. D., Catalano, R. F., Early effects of Communities That Care on targeted risks and initiation of delinquent behavior and substance use, <i>The Journal of adolescent health : official publication of the Society for Adolescent Medicine</i> , 43, 15-22, 2008	Not targeted at a group of interest
Hawkins, J. D., Catalano, R. F., Kuklinski, M. R., Communities that care: Bridging science and community practice to prevent adolescent health and behavior problems including violence, <i>Social and economic costs of violence: Workshop summary.</i> , 121-139, 2012	No drug misuse prevention interventions described
Hawkins, J. D., Oesterle, S., Brown, E. C., Abbott, R. D., Catalano, R. F., Youth problem behaviors 8 years after implementing the communities that care prevention system: a community-randomized trial, <i>JAMA pediatrics</i> , 168, 122-9, 2014	Not targeted at a group of interest
Hawkins, J. D., Oesterle, S., Brown, E. C., Monahan, K. C., Abbott, R. D., Arthur, M. W., Sustained decreases in risk exposure and youth problem behaviors after installation of the communities that care prevention system in a randomized trial, <i>Archives of Pediatrics and Adolescent Medicine</i> , 166, 141-8, 2012	Not targeted at a group of interest
Hawks, D, Scott, K, McBride, N, Prevention of psychoactive substance use: a selected review of what works in the area of prevention, 2002	Systematic review but 0 included studies meet our eligibility criteria
Hawks, D., Lenton, S., Harm reduction in Australia: has it worked? a review, <i>Drug and Alcohol Review</i> , 14, 291-304, 1995	Does not meet systematic review criteria
Hawthorne, G., Drug education: myth and reality, <i>Drug and Alcohol Review</i> , 20, 111-119, 2001	Does not meet systematic review criteria
Henderson, C. E., Rowe, C. L., Dakof, G. A., Hawes, S. W., Liddle, H. A., Parenting Practices as Mediators of Treatment Effects in an Early-Intervention Trial of Multidimensional Family Therapy, <i>American Journal of Drug and Alcohol Abuse</i> , 35, 220-226, 2009	Treatment rather than prevention
Herman, P. M., Mahrer, N. E., Wolchik, S. A., Porter, M. M., Jones, S., Sandler, I. N., Cost-benefit analysis of a preventive intervention for divorced families: reduction in mental health and justice system service use costs 15 years later, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 16, 586-96, 2015	Not primarily a drug misuse prevention intervention
Hermann, J. , Sambrano, S., Springer, J. F., et al, The National Cross-Site Evaluation of High-Risk Youth Programs: Findings on Designing and Implementing Effective Prevention Programs for Youth at High Risk. Monograph Series., 2002	Not clear if all interventions included in the evaluation were targeted at groups of interest
Hernan, G. M., Ramos, M. M., Fernandez, A. A., [Review of published works on Spanish youth health promotion], <i>Revista Espanola de Salud Publica</i> , 75, 491-503, 2001	Spanish language paper
Hernandez, L. P., Lucero, E., Days La Familia community drug and alcohol prevention program: Family-centered model for working with inner-city Hispanic families, <i>The journal of primary prevention</i> , 16, 255-72, 1996	Not all participants fall into a target group of interest
Hettema, J., Steele, J., Miller, W. R., Motivational interviewing, <i>Annual Review of Clinical Psychology</i> , 1, 91 - 111, 2005	Does not meet systematic review criteria
Hides, L., Carroll, S., Scott, R., Cotton, S., Baker, A., Lubman, D. I., Quik Fix: A Randomized Controlled Trial of an Enhanced Brief Motivational Interviewing Intervention for Alcohol/Cannabis and Psychological Distress in Young People, <i>Psychotherapy and Psychosomatics</i> , 82, 122-124, 2013	Not all participants fall into a target group of interest
Hides, L., Samet, S., Lubman, D. I., Cognitive behaviour therapy (CBT) for the treatment of co-occurring depression and substance use: current evidence and directions for future research (Structured abstract), <i>Drug and Alcohol Review</i> , 29, 508-517, 2010	Systematic review but only a maximum of 58% included studies meet our eligibility
Hill, N. L., Adolescent substance use prevention interventions outside of classroom settings, <i>Child & Adolescent Social Work Journal</i> , 25, 451-467, 2008	Does not meet systematic review criteria
Hodge, D. R., Jackson, K. F., Vaughn, M. G., Culturally sensitive interventions and health and behavioral health youth outcomes: A meta-analytic review, <i>Social Work in Health Care</i> , 49, 401-423, 2010	Systematic review but only 5% of included studies meet our eligibility criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Hogue, A., Liddle, H. A., Family-based preventive intervention: an approach to preventing substance use and antisocial behavior, <i>American Journal of Orthopsychiatry</i> , 69, 278-293, 1999	Does not meet systematic review criteria
Holleran Steiker, L. K., Hopson, L. M., Goldbach, J. T., Robinson, C., Evidence for site-specific, systematic adaptation of substance prevention curriculum with high-risk youths in community and alternative school settings, <i>Journal of Child & Adolescent Substance Abuse</i> , 23, 307-317, 2014	Not all participants fall into a target group of interest
Hooven, C., Pike, K., Walsh, E., Parents of older at-risk youth: a retention challenge for preventive intervention, <i>The journal of primary prevention</i> , 34, 423-38, 2013	Not all participants fall into a target group of interest
Hooven, C., Walsh, E., Willgerodt, M., Salazar, A., Increasing participation in prevention research: strategies for youths, parents, and schools, <i>Journal of child and adolescent psychiatric nursing : official publication of the Association of Child and Adolescent Psychiatric Nurses, Inc</i> , 24, 137-49, 2011	Not all participants fall into a target group of interest
Hopson, L. M., Effectiveness of culturally grounded adaptations of an evidence-based substance abuse prevention program with alternative school students, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 68, 4478, 2008	Universal school intervention (alternative/continuation high schools)
Hopson, L. M., Steiker, L. K. H., Methodology for evaluating an adaptation of evidence-based drug abuse prevention in alternative schools, <i>Children & Schools</i> , 30, 116-127, 2008	Not targeted at a group of interest
Hopson, L., Wodarski, J. S., Tang, N., The effectiveness of electronic approaches to substance abuse prevention for adolescents, E-therapy for substance abuse and co-morbidity., 35-51, 2015	Systematic review but 0 included studies meet our eligibility criteria
Horn, M. L., Fagan, A. A., Hawkins, J. D., Oesterle, S., Effects of the communities that care system on cross-sectional profiles of adolescent substance use and delinquency, <i>American Journal of Preventive Medicine</i> , 47, 188-97, 2014	Not targeted at a group of interest
Hossain, R., Coren, E., Service Engagement in Interventions for Street-Connected Children and Young People: A Summary of Evidence Supplementing a Recent Cochrane-Campbell Review, <i>Child & Youth Care Forum</i> , 44, 451-470, 2015	Systematic review but only a maximum of 24% of included studies meet our eligibility criteria
Hostetler, M., Fisher, K., Project CARE substance abuse prevention program for high-risk youth: A longitudinal evaluation of program effectiveness, <i>Journal of Community Psychology</i> , 25, 397-419, 1997	Not all participants fall into a target group of interest
Hunt, G. E., Siegfried, N., Morley, K., Sitharthan, T., Cleary, M., Psychosocial interventions for people with both severe mental illness and substance misuse, <i>Cochrane Database of Systematic Reviews</i> , 2013, Art. No.: CD001088, 2013	Treatment rather than prevention
Hunt, N., Stillwell, G., Taylor, C., Griffiths, P., Evaluation of a brief intervention to prevent initiation into injecting, <i>Drugs-Education Prevention and Policy</i> , 5, 185-194, 1998	No relevant outcome data reported
Hunter, G., Ward, J., Power, R., Research and development focusing on peer intervention for drug users, <i>Drugs: Education, Prevention & Policy</i> , 4, 259-270, 1997	No relevant outcome data reported
Husler, G., Werlen, E., Rehm, J., The Action Plan--a new instrument to collect data on interventions in secondary prevention in adolescents, <i>Substance Use & Misuse</i> , 40, 761-77, 2005	Not all participants fall into a target group of interest
Illegal drug use in the United Kingdom: prevention, treatment and enforcement, 264p., tables, bibliogs., 1999	No drug misuse prevention intervention described
Inman, D. D., van Bakergem, K. M., LaRosa, A. C., Garr, D. R., Evidence-Based Health Promotion Programs for Schools and Communities, <i>American Journal of Preventive Medicine</i> , 40, 207-219, 2011	Review of universal school interventions
InSight Project Research, Group, SBIRT outcomes in Houston: final report on InSight, a hospital district-based program for patients at risk for alcohol or drug use problems, <i>Alcoholism, clinical and experimental research</i> , 33, 1374-81, 2009	SBIRT study - includes universal screening
Jackson, C., Geddes, R. Haw S. Frank J., Interventions to prevent substance use and risky sexual behaviour in young people: a systematic review, <i>Addiction</i> , 107(4), 733-747, 2012	Systematic review but only a maximum of 33% of included studies meet our eligibility criteria
Jarvinen, M., Ravn, S., From recreational to regular drug use: qualitative interviews with young clubbers, <i>Sociology of health & illness</i> , 33, 554-69, 2011	No data related to drug misuse prevention interventions

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Jenkins, J. A., Gordon, A. J., Substance use disorder prevention and treatment in stigmatized patient populations: ripe for innovation, <i>Substance Abuse</i> , 36, 1-2, 2015	Not primary research (editorial)
Jensen, C. D., Cushing, C. C., Aylward, B. S., Craig, J. T., Sorell, D. M., Steele, R. G., Effectiveness of motivational interviewing interventions for adolescent substance use behavior change: A meta-analytic review, <i>Journal of Consulting and Clinical Psychology</i> , 79, 433-440, 2011	Does not meet systematic review criteria
Jepson, R., Harris, F., Platt, S., Tannahill, C., The effectiveness of interventions to change six health behaviours: A review of reviews, <i>BMC Public Health</i> , 10, 538, 2010	Systematic review but only a maximum of 4% of included studies meet our eligibility criteria
Jhanjee, S., Evidence based psychosocial interventions in substance use (Provisional abstract), <i>Database of Abstracts of Reviews of Effects</i> , 112-118, 2014	Does not meet systematic review criteria
Johnson, K., Bryant, D. D., Collins, D. A., Noe, T. D., Strader, T. N., Berbaum, M., Preventing and reducing alcohol and other drug use among high-risk youths by increasing family resilience, <i>Social work</i> , 43, 297-308, 1998	Not targeted at a group of interest
Johnson, K., Strader, T., Berbaum, M., Bryant, D., Bucholtz, G., Collins, D., Noe, T., Reducing alcohol and other drug use by strengthening community, family, and youth resiliency: An evaluation of the Creating Lasting Connections Program, <i>Special Issue: Preventing adolescent substance abuse</i> , 11, 36-67, 1996	Not targeted at a group of interest
Jonas, B., Tossmann, P., Tensil, M., Leuschner, F., Struber, E., Efficacy of a single-session online-intervention on problematic substance use. [German], <i>Sucht</i> , 58, 173-82, 2012	German language paper
Jones, L., Sumnall, H., Witty, K., Wareing, M., McVeigh, J., Bellis, M. A., A review of community-based interventions to reduce substance misuse among vulnerable and disadvantaged young people, <i>PHIAC 5.3a</i> , 2006	Systematic review but only up to 16% of included studies meet our eligibility criteria
Kaner, E. F. S., Brown, N., Jackson, K., A systematic review of the impact of brief interventions on substance use and co-morbid physical and mental health conditions, <i>Mental Health and Substance Use: dual diagnosis</i> , 4, 38-61, 2011	Systematic review but only a maximum of 29% of included studies meet our eligibility criteria
Kanouse, D. E., Bluthenthal, R. N., Bogart, L., Iguchi, M. Y., Perry, S., Sand, K., Shoptaw, S., Recruiting drug-using men who have sex with men into behavioral interventions: a two-stage approach, <i>Journal of urban health : bulletin of the New York Academy of Medicine</i> , 82, i109-19, 2005	No drug misuse prevention intervention described
Kao, T. S., Gibbs, M., Clemen-Stone, S., Duffy, S., A comparison of family interventions to address adolescent risky behaviors: A literature review, <i>Western Journal of Nursing Research</i> , 35, 611-637, 2013	Does not meet systematic review criteria
Karki, S., Pietila, A. M., Lansimies-Antikainen, H., Varjoranta, P., Pirskanen, M., Laukkanen, E., The effects of interventions to prevent substance use among adolescents: a systematic review (Provisional abstract), <i>Journal of Child and Adolescent Substance Abuse</i> , 21, 383-413, 2012	Does not meet systematic review criteria
Kavanagh, D. J., Young, R., White, A., Saunders, J. B., Wallis, J., Shockley, N., Jenner, L., Clair, A., A brief motivational intervention for substance misuse in recent-onset psychosis, <i>Drug and Alcohol Review</i> , 23, 151-155, 2004	Treatment rather than prevention
Kim, H. K., Pears, K. C., Leve, L. D., Chamberlain, P., Smith, D. K., Intervention effects on health-risking sexual behavior among girls in foster care: The role of placement disruption and tobacco and marijuana use, <i>Journal of Child & Adolescent Substance Abuse</i> , 22, 370-387, 2013	No relevant outcome data reported
Kirst, M., Zerger, S., Misir, V., Hwang, S., Stergiopoulos, V., The impact of a Housing First randomized controlled trial on substance use problems among homeless individuals with mental illness, <i>Drug and Alcohol Dependence</i> , 146, 24-9, 2015	Housing First study - unclear if intervention included a drug misuse prevention element
Klein, J. D., Matos, A. M., Improving adolescent health outcomes, 54, 25-39, 2002	Does not meet systematic review criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Klimas, J., Tobin, H., Field, C. A., O'Gorman, C. S., Glynn, L. G., Keenan, E., Saunders, J., Bury, G., Dunne, C., Cullen, W., Psychosocial interventions to reduce alcohol consumption in concurrent problem alcohol and illicit drug users, <i>Cochrane Database of Systematic Reviews</i> , 12, Art. No.: CD009269, 2014	Systematic review but 0 included studies meet our eligibility criteria
Knight, J. R., Sherritt, L., Van Hook, S., Gates, E. C., Levy, S., Chang, G., Motivational interviewing for adolescent substance use: A pilot study, <i>Journal of Adolescent Health</i> , 37, 167-169, 2005	Not all participants fall into a target group of interest
Koesters, S. C., Rogers, P. D., Rajasingham, C. R., MDMA ('ecstasy') and other 'club drugs'. The new epidemic, <i>Pediatric clinics of North America</i> , 49, 415-33, 2002	No drug misuse prevention intervention described
Kolliakou, A., Fusar-Poli, P., Atakan, Z., Cannabis abuse and vulnerability to psychosis: targeting preventive services, <i>Current Pharmaceutical Design</i> , 18, 542-9, 2012	Does not meet systematic review criteria
Konishi, C.i, Saewyc, E., Homma, Y., Poon, C., Population-level evaluation of school-based interventions to prevent problem substance use among gay, lesbian and bisexual adolescents in Canada, <i>Preventive Medicine</i> , 57, 929-33, 2013	No drug misuse prevention intervention described
Kresina, T. F., Bruce, R. D., Mulvey, K. P., Evidence-based prevention interventions for people who use illicit drugs, <i>Advances in preventive medicine</i> , 2013, 360957, 2013	Not primary research (editorial)
Krupski, A., Sears, J. M., Joesch, J. M., Estee, S., He, L., Huber, A., Dunn, C., Roy-Byrne, P., Ries, R., Self-reported alcohol and drug use six months after brief intervention: do changes in reported use vary by mental-health status?, <i>Addiction science & clinical practice</i> , 7, 24, 2012	SBIRT study - includes universal screening
Kumpfer, K. L., Alvarado, R., Family-strengthening approaches for the prevention of youth problem behaviors, 58, 457 - 465, 2003	Does not meet systematic review criteria
Kumpfer, K. L., Alvarado, R., Whiteside, H. O., Family-based interventions for substance use and misuse prevention, <i>Substance Use & Misuse</i> , 38, 1759-1787, 2003	Does not meet systematic review criteria
Kumpfer, K. L., Johnson, J. L., Strengthening family interventions for the prevention of substance abuse in children of addicted parents, <i>Adicciones</i> , 19, 13-25, 2007	Study design (narrative overview)
Kumpfer, K. L., Xie, J., O'Driscoll, R., Effectiveness of a culturally adapted Strengthening Families Program 12-16 years for high-risk Irish families, <i>Child and Youth Care Forum</i> , 42, 173-195, 2013	Not clear if intervention is targeted at a group of interest
Langford, R., Bonell, C. P., Jones, H. E., Poulou, T., Murphy, S. M., Waters, E., Komro, K. A., Gibbs, L. F., Magnus, D., Campbell, R., The WHO Health Promoting School framework for improving the health and well-being of students and their academic achievement, <i>Cochrane Database of Systematic Reviews</i> , CD008958, 2014	No drug misuse prevention interventions described
Larimer, M. E., Kilmer, J. R., Lee, C. M., College student drug prevention: A review of individually-oriented prevention strategies, <i>Journal of Drug Issues</i> , 35, 431-455, 2005	Does not meet systematic review criteria
Laursen, D., Counseling Young Cannabis Users by Text Message, <i>Journal of Computer-Mediated Communication</i> , 15, 646-665, 2010	Not all participants fall into a target group of interest
Lee, T. Y., Construction of an integrated positive youth development conceptual framework for the prevention of the use of psychotropic drugs among adolescents, <i>TheScientificWorldJournal</i> , 11, 2403-17, 2011	Study design (theoretical paper; no effectiveness or acceptability data)
Lemstra, M., Bennett, N., Nannapaneni, U., Neudorf, C., Warren, L., Kershaw, T., Scott, C., A systematic review of school-based marijuana and alcohol prevention programs targeting adolescents aged 10-15, <i>Addiction Research & Theory</i> , 18, 84-96, 2010	Review of universal school interventions
Leve, L. D., Fisher, P. A., Chamberlain, P., Multidimensional treatment foster care as a preventive intervention to promote resiliency among youth in the child welfare system, <i>Journal of personality</i> , 77, 1869-1902, 2009	Study design (not primary research or a systematic review)
Lewis, A. J., Holmes, N., Watkins, B., Mathers, D., Children Impacted by Parental Substance Abuse: An Evaluation of the Supporting Kids and Their Environment Program, <i>Journal of Child and Family Studies</i> , 24, 2398-2406, 2015	Not all participants fall into a target group of interest
Li, Y., Zhang, W., Liu, J., Arbeit, M. R., Schwartz, S. J., Bowers, E. P., Lerner, R. M., The role of school engagement in preventing adolescent delinquency and substance use: a survival analysis, <i>Journal of adolescence</i> , 34, 1181-92, 2011	No drug misuse prevention intervention described

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Liddle, H. A., Rowe, C. L., Dakof, G. A., Henderson, C. E., Greenbaum, P. E., Multidimensional Family Therapy for Young Adolescent Substance Abuse: Twelve-Month Outcomes of a Randomized Controlled Trial, <i>Journal of Consulting and Clinical Psychology</i> , 77, 12-25, 2009	Treatment rather than prevention
Lisha, N., Sun, P., Rohrbach, L. A., Spruijt-Metz, D., Unger, J. B., Sussman, S., An evaluation of immediate outcomes and fidelity of a drug abuse prevention program in continuation high schools: Project towards no drug abuse (TND), <i>Journal of Drug Education</i> , 42, 33-57, 2012	Universal school intervention (alternative/continuation high schools)
Little, M. A., Sussman, S., Sun, P., Rohrbach, L. A., The effects of implementation fidelity in the Towards No Drug Abuse dissemination trial, <i>Special Issue: Introduction to the special issue on adaptation and fidelity.</i> , 113, 281-296, 2013	Not targeted at a group of interest
Lloyd, C., et al., Monitoring and evaluation of family intervention services and projects between February 2007 and March 2011, 132pp., 2011	Not primarily a drug misuse prevention intervention
London, M., Prevention of substance misuse, <i>Current Opinion in Psychiatry</i> , 14, 207-211, 2001	Does not meet systematic review criteria
Longshore, D., Ellickson, P. L., McCaffrey, D. F., St Clair, P. A., School-based drug prevention among at-risk adolescents: effects of ALERT plus, <i>Health education & behavior : the official publication of the Society for Public Health Education</i> , 34, 651-68, 2007	Not targeted at a group of interest
Looby, A., De Young, K. P., Earleywine, M., Challenging expectancies to prevent nonmedical prescription stimulant use: a randomized, controlled trial, <i>Drug and Alcohol Dependence</i> , 132, 362-8, 2013	Not targeted at a group of interest
LoSciuto, L., Hilbert, S. M., Fox, M. M., Porcellini, L., Lanphear, A., A two-year evaluation of the Woodrock Youth Development Project, <i>The Journal of Early Adolescence</i> , 19, 488-507, 1999	Not targeted at a group of interest
Loudenburg, R., Leonardson, G. R., A multifaceted intervention strategy for reducing substance use in high-risk women, <i>Neurotoxicology and teratology</i> , 25, 737-44, 2003	Not targeted at a group of interest
Maalouf, W. E., The role of parenting skills in the intergenerational transmission of marijuana use behavior, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 71, 1809, 2010	Dissertation abstract
MacLean, S., Cameron, J., Harney, A., Lee, N., Psychosocial therapeutic interventions for volatile substance use: A systematic review, <i>Addiction</i> , 107, 278-288, 2012	Systematic review but only a maximum of 32% of included studies meet our eligibility criteria
Madras, B. K., Compton, W. M., Avula, D., Stegbauer, T., Stein, J. B., Clark, H. W., Screening, brief interventions, referral to treatment (SBIRT) for illicit drug and alcohol use at multiple healthcare sites: comparison at intake and 6 months later, <i>Drug and alcohol dependence</i> , 99, 280-95, 2009	SBIRT study - includes universal screening
Magill, M., Ray, L. A., Cognitive-behavioral treatment with adult alcohol and illicit drug users: a meta-analysis of randomized controlled trials (Structured abstract), <i>Journal of Studies on Alcohol and Drugs</i> , 70, 516-527, 2009	Treatment rather than prevention
Marshall, V. J., McLaurin-Jones, T. L., Kalu, N., Kwagyan, J., Scott, D. M., Cain, G., Greene, W., Adenuga, B., Taylor, R. E., Screening, brief intervention, and referral to treatment: public health training for primary care, <i>American Journal of Public Health</i> , 102, e30-6, 2012	SBIRT study - includes universal screening
Martin G, Copeland J, Swift W (2005) The Adolescent Cannabis Check-Up: feasibility of a brief intervention for young cannabis users. <i>Journal of Substance Abuse Treatment</i> 29: 207-13	Not targeted at a group of interest
Martin G, Copeland J (2010) Brief intervention for regular ecstasy (MDMA) users: pilot randomized trial of a Check-up model. <i>Journal of Substance Use</i> 15: 131-142	Not targeted at a group of interest
Martins Renata, K., McNeil Daniel, W., Review of Motivational Interviewing in promoting health behaviors, <i>Clinical Psychology Review</i> , 29, 283 - 293, 2009	Does not meet systematic review criteria
Mason, M., Ola, B., Zaharakis, N., Zhang, J., Text messaging interventions for adolescent and young adult substance use: a meta-analysis, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 16, 181-8, 2015	Meta-analysis but 0 included studies meet our eligibility criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Mason, W. A., Haggerty, K. P., Fleming, A. P., Casey-Goldstein, M., Family intervention to prevent depression and substance use among adolescents of depressed parents, <i>Journal of Child and Family Studies</i> , 21, 891-905, 2012	Not targeted at a group of interest
Matsumoto, T., Ozaki, S., Kobayashi, O., Wada, K., Current situation and clinical characteristics of sedative-related disorder patients in Japan: Comparison with methamphetamine-related disorder patients, <i>Activitas Nervosa Superior</i> , 57, 12-28, 2015	Not targeted at a group of interest
McCambridge, J., Day, M., Thomas, B. A., Strang, J., Fidelity to Motivational Interviewing and subsequent cannabis cessation among adolescents, <i>Addictive Behaviors</i> , 36, 749-754, 2011	No relevant outcome data reported
McCambridge, J., Strang, J., Deterioration over time in effect of Motivational Interviewing in reducing drug consumption and related risk among young people, <i>Addiction</i> , 100, 470-478, 2005	Not targeted at a group of interest.
McCambridge, J., Strang, J., The efficacy of single-session motivational interviewing in reducing drug consumption and perceptions of drug-related risk and harm among young people: results from a multi-site cluster randomized trial, <i>Addiction</i> , 99, 39-52, 2004	Not targeted at a group of interest.
McDonald, L., Sayger, T.V., Impact of a family and school based prevention program on protective factors for high risk youth, <i>Drugs & Society</i> , 12, 61-85, 1998	Not targeted at a group of interest
McDonald, T. P., Mariscal, E. S., Yan, Y., Brook, J., Substance use and abuse for youths in foster care: Results from the communities that care normative database, <i>Journal of Child & Adolescent Substance Abuse</i> , 23, 262-268, 2014	No drug misuse prevention intervention described
McKenna, Chris, Gaines, Barbara, Hatfield, Crystal, Helman, Stephanie, Meyer, Lisa, Rennick, Cassi, Schenkel, Kathleen, Zaremski, Jamie, Implementation of a screening, brief intervention, and referral to treatment program using the electronic medical record in a pediatric trauma center, <i>Journal of trauma nursing : the official journal of the Society of Trauma Nurses</i> , 20, 16-23, 2013	SBIRT study - includes universal screening
McLellan, J., Dale, H., Can technology be effective in interventions targeting sexual health and substance use in young people; A systematic review, <i>Health and Technology</i> , 3, 195-203, 2013	Does not meet systematic review criteria
Mellanby, A. R., Rees, J. B., Tripp, J. H., Peer-led and adult-led school health education: A critical review of available comparative research, <i>Health Education Research</i> , 15, 533-545, 2000	Systematic review but 0 included studies meet our eligibility criteria
Melrose, M., <i>Fixing it: young people, drugs and disadvantage</i> , 128p., tables, bibliog., 2000	No relevant outcome data reported
Menza, T. W., Colfax, G., Shoptaw, S., Fleming, M., Guzman, R., Klausner, J. D., Gorbach, P., Golden, M. R., Interest in a methamphetamine intervention among men who have sex with men, <i>Sexually transmitted diseases</i> , 34, 209-14, 2007	No drug misuse prevention intervention described
Metsch, L. R., Rivers, J. E., Miller, M., Bohs, R., McCoy, C. B., Morrow, C. J., Bandstra, E. S., Jackson, V., Gissen, M., Implementation of a family-centered treatment program for substance-abusing women and their children: barriers and resolutions, <i>Journal of psychoactive drugs</i> , 27, 73-83, 1995	Treatment rather than prevention
Midford, R., Drug prevention programmes for young people: where have we been and where should we be going?, <i>Addiction (Abingdon, England)</i> , 105, 1688-95, 2010	Does not meet systematic review criteria
Midford, R., Munro, G., McBride, N., Snow, P., Ladzinski, U., Principles that underpin effective school-based drug education, <i>Journal of Drug Education</i> , 32, 363-386, 2002	Universal schools paper
Miller, B. A., Holder, H. D., Voas, R. B., Environmental strategies for prevention of drug use and risks in clubs, <i>Journal of Substance Use</i> , 14, 19-38, 2009	Study design (not primary research or a systematic review)
Milligan, K., Niccols, A., Sword, W., Thabane, L., Henderson, J., Smith, A., Liu, J., Maternal substance use and integrated treatment programs for women with substance abuse issues and their children: a meta-analysis (Structured abstract), <i>Substance Abuse Treatment, Prevention, and Policy</i> , 5:21, 2010	No relevant child outcomes reported
Mitchell, S. G., Gryczynski, J., Gonzales, A., Moseley, A., Peterson, T., O'Grady, K. E., Schwartz, R. P., Screening, brief intervention, and referral to treatment (SBIRT) for substance use in a school-based program: services and outcomes, <i>The American journal on addictions / American Academy of Psychiatrists in Alcoholism and Addictions</i> , 21 Suppl 1, S5-13, 2012	SBIRT study - includes universal screening
Montoya, I. D., Atkinson, J., McFaden, W. C., Best characteristics of adolescent gateway drug prevention programmes, <i>Journal of Addictions Nursing</i> , 14, 75 - 83, 2003	Does not meet systematic review criteria
Moon, K. T., Targeted interventions for adolescents to prevent drug use, <i>American family physician</i> , 81, 1369-1374, 2010	Not targeted at a group of interest

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Morrison, G. M., Storino, M. H., Robertson, L. M., Weissglass, T., Dondero, A., The protective function of after-school programming and parent education and support for students at risk for substance abuse, <i>Evaluation and program planning</i> , 23, 365-371, 2000	Not targeted at a group of interest
Moskalewicz, J., Swiatkiewicz, G., Malczyce, Poland: A multifaceted community action project in eastern Europe in a time of rapid economic change, <i>Substance Use and Misuse</i> , 35, 189-202, 2000	Not targeted at a group of interest
Moyer, V. A., U. S. Preventive Services Task Force, Primary care behavioral interventions to reduce illicit drug and nonmedical pharmaceutical use in children and adolescents: U.S. Preventive Services Task Force recommendation statement, <i>Annals of Internal Medicine</i> , 160, 634-9, 2014	Not primary research (clinical guideline)
Mukoma, W., Flisher, A. J., Evaluations of health promoting schools: a review of nine studies, <i>Health Promotion International</i> , 19(3), 357-368, 2004	Review of universal school interventions
Munton, T., Wedlock, E., Gomersall, A., The efficacy and effectiveness of drug and alcohol abuse prevention programmes delivered outside of school settings, 72, 2014	Systematic review but 0 included studies meet our eligibility criteria
Neale, J., Stevenson, C., The use of computer-assisted therapy by homeless drug users living in hostels: An explorative qualitative study, <i>Drugs: Education, Prevention & Policy</i> , 21, 80-87, 2014	Treatment rather than prevention
Nelson, A., Arthur, B., Storytelling for Empowerment: Decreasing At-Risk Youth's Alcohol and Marijuana Use, <i>Journal of Primary Prevention</i> , 24, 169-180, 2003	Not targeted at a group of interest
Nemes, H., Collaboration of school social workers and drug prevention staff in the schools, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 70, 4876, 2010	Dissertation abstract
Newburn, T., Elliott, J., Risks and responses: drug prevention and youth justice, 1999	Paper unavailable
Newton, A., Dong, K., Mabood, N., Ata, N., Ali, S., Gokiart, R., Vandermeer, B., Tjosvold, L., Hartling, L., Wild, T. C., Brief emergency department interventions for youth who use alcohol and other drugs: A systematic review, <i>Pediatric Emergency Care</i> , 29, 673-684, 2013	Systematic review but only a maximum of 22% of included studies meet our eligibility criteria
Niccols, A., Milligan, K., Smith, A., Sword, W., Thabane, L., Henderson, J., Integrated programs for mothers with substance abuse issues and their children: a systematic review of studies reporting on child outcomes (Structured abstract), <i>Child Abuse and Neglect</i> , 36, 308-322, 2012	Treatment rather than prevention
Noffsinger, D. L., Cooley, J., Screening, brief intervention, and referral to treatment in the adolescent trauma population: examining barriers to implementation, <i>Journal of trauma nursing : the official journal of the Society of Trauma Nurses</i> , 19, 148-3, 2012	SBIRT study - includes universal screening
Norberg, M. M., Kezelman, S., Lim-Howe, N., Primary prevention of cannabis use: A systematic review of randomized controlled trials, <i>PLoS ONE</i> , 8, e53187, 2013	Systematic review but 0 included studies meet our eligibility criteria
Norrgard, E., Wikstrom, E., Pickering, C., Gripenberg, J., Spak, F., Environmental and capacity requirements are critical for implementing and sustaining a drug prevention program: a multiple case study of "Clubs against drugs", <i>Substance Abuse Treatment, Prevention, and Policy</i> , 9, 6, 2014	Out of scope (intervention aimed at decreasing availability of drugs in licensed premises)
Oesterle, S., Hawkins, J. D., Fagan, A. A., Abbott, R. D., Catalano, R. F., Testing the universality of the effects of the communities that care prevention system for preventing adolescent drug use and delinquency, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 11, 411-23, 2010	Not targeted at a group of interest (subgroup analysis of a universal intervention)
Oesterle, S., Hawkins, J. D., Fagan, A. A., Abbott, R. D., Catalano, R. F., Variation in the sustained effects of the communities that care prevention system on adolescent smoking, delinquency, and violence, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 15, 138-45, 2014	Not related to drug misuse
Oklahoma State Department Mental, Health, Substance Abuse Services, Transformation State Incentive Grant Sbirt Initiative, Screening brief intervention and referral to treatment (SBIRT) saves lives and improves health, <i>The Journal of the Oklahoma State Medical Association</i> , 103, 266-8, 2010	Study design (not primary research or a systematic review)

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Ozer, E. M., Adams, S. H., Orrell-Valente, J. K., Wibbelsman, C. J., Lustig, J. L., Millstein, S. G., Garber, A. K., Irwin, C. E., Jr., Does delivering preventive services in primary care reduce adolescent risky behavior?, <i>The Journal of adolescent health : official publication of the Society for Adolescent Medicine</i> , 49, 476-82, 2011	Intervention includes universal screening
Padgett, D. et al., Substance use outcomes among homeless clients with serious mental illness: comparing Housing First with Treatment First programs, <i>Community mental health journal</i> , 47, 227-232, 2011	Study design (not an effectiveness or acceptability study)
Patnode, C. D., O'Connor, E., Rowland, M., Burda, B. U., Perdue, L. A., Whitlock, E. P., Primary care behavioral interventions to prevent or reduce illicit drug use and nonmedical pharmaceutical use in children and adolescents: A systematic evidence review for the U.S. Preventive Services Task Force, <i>Annals of Internal Medicine</i> , 160, 612-620, 2014	Systematic review but only 17% of included studies meet our eligibility criteria
Pedersen, E. R., Kilmer, J. R., Lee, C. M., Walker, D. D., Etiology and prevention of marijuana use among college students, <i>Comprehensive addictive behaviors and disorders</i> , Vol. 3: Interventions for addiction., 823-832, 2013	Not primary research (overview/discussion paper)
Perez, J. M.I E., Diaz, S. A., Villa, Roberto S., Fernandez-Hermida, J. R., Carballo, J. L., Garcia-Rodriguez, O., Family-based drug use prevention: The "Familias que Funcionan" program, <i>Psychology in Spain</i> , 14, 1-7, 2010	Spanish language paper
Perkins, D. F., Feinberg, M. E., Greenberg, M. T., Johnson, L. E., Chilenski, S. M., Mincemoyer, C. C., Spoth, R. L., Team factors that predict to sustainability indicators for community-based prevention teams, <i>Evaluation and program planning</i> , 34, 283-91, 2011	Not targeted at a group of interest
Perry, A. E., Neilson, M., Martyn-St James, M., Glanville, J., M., Woodhouse, R., Godfrey, C., Hewitt, C., Interventions for drug-using offenders with co-occurring mental illness, <i>Cochrane Database of Systematic Reviews</i> , 2015	Systematic review but 0 included studies meet our eligibility criteria
Perry, A. E., Neilson, M., Martyn-St James, M., Glanville, J.M., Woodhouse, R., Hewitt, C., Interventions for female drug-using offenders, <i>Cochrane Database of Systematic Reviews</i> , 2015	Systematic review but 0 studies meet our eligibility criteria
Perry, A., Coulton, S., Glanville, J., Godfrey, C., Lunn, J., McDougall, C., Neale, Z., Interventions for drug-using offenders in the courts, secure establishments and the community, 2006	Review withdrawn
Peters, L. W., Kok, G., Ten Dam, G. T., Buijs, G. J., Paulussen, T. G., Effective elements of school health promotion across behavioral domains: A systematic review of reviews, <i>BMC Public Health</i> , 9, 182, 2009	Review of universal school interventions
Peterson, J., A qualitative comparison of parent and adolescent views regarding substance use, <i>The Journal of school nursing : the official publication of the National Association of School Nurses</i> , 26, 53-64, 2010	Not targeted at a group of interest
Petrie, J., Bunn, F., Byrne, G., Parenting programmes for preventing tobacco, alcohol or drugs misuse in children <18: A systematic review, <i>Health Education Research</i> , 22, 177-191, 2007	Systematic review but only a maximum of 45% of included studies meet our eligibility criteria
Phillips, L., Smith, R., Martin, K., Mehta, P., Durbin, B., National Foundation for Educational, Research, Evaluation of the Youth Justice Board Pilot Resettlement Support Panel Scheme, 145, 2012	Not primarily a drug misuse prevention intervention
Pilowsky, D., Wu, L. T., Screening instruments for substance use and brief interventions targeting adolescents in primary care: A literature review, <i>Addictive Behaviors</i> , 38, 2146-2153., 2013	Includes universal screening
Pirkanen, M., Laukkanen, E., Pietila, A., A formative evaluation to develop a school health nursing early intervention model for adolescent substance use, <i>Public health nursing (Boston, Mass.)</i> , 24, 256-64, 2007	Intervention includes universal screening
Pirkanen, M., Pietila, A., Halonen, P., Laukkanen, E., School health nurses and substance use among adolescents - towards individual identification and early intervention, <i>Scandinavian Journal of Caring Sciences</i> , 20, 439-447, 2006	No relevant outcome data reported
Popovici, I., French, M. T., Economic evaluation of substance abuse interventions: Overview of recent research findings and policy implications, <i>Addictions: A comprehensive guidebook (2nd ed.)</i> , 882-899, 2013	No data on interventions targeted at groups of interest
Porath-Waller, A. J., Beasley, E., Beirness, D. J., A meta-analytic review of school-based prevention for cannabis use, <i>Health Education & Behavior</i> , 37, 709-723, 2010	Review of universal school interventions
Portnoy, D. B., Scott-Sheldon, L. A. J., Johnson, B. T., Carey, M. P., Computer-delivered interventions for health promotion and behavioral risk reduction: A meta-analysis of 75 randomized controlled trials, 1988-2007, <i>Preventive Medicine</i> , 47, 3-16, 2008	Systematic review but only a maximum of 15% of included studies meet our eligibility criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Poulin, F., Dishion, T. J., Burraston, B., 3-year iatrogenic effects associated with aggregating high-risk adolescents in cognitive-behavioral preventive interventions, <i>Applied developmental science</i> , 5, 214-224, 2001	Not targeted at a group of interest
Powell, K. G., Empowerment and effectiveness: A mixed methods study of coalition building within a statewide substance abuse prevention context, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 75, No-Specified, 2014	Not targeted at a group of interest
Prado, G., Huang, S., Cordova, D., Malcolm, S., Estrada, Y., Cano, N., Maldonado-Molina, M., Bacio, G., Rosen, A., Pantin, H., Brown, C. H., Ecodelopmental and intrapersonal moderators of a family based preventive intervention for Hispanic youth: a latent profile analysis, <i>Prevention Science</i> , 14, 290-9, 2013	Not targeted at a group of interest
Pringle, J. L., Melczak, M., Johnjulio, W., Campopiano, M., Gordon, A. J., Costlow, M., Pennsylvania SBIRT Medical and Residency Training: developing, implementing, and evaluating an evidenced-based program, <i>Substance abuse : official publication of the Association for Medical Education and Research in Substance Abuse</i> , 33, 292-7, 2012	SBIRT study - includes universal screening
Prinz, R. J., A population approach to parenting and family intervention, <i>Handbook of adolescent drug use prevention: Research, intervention strategies, and practice.</i> , 237-247, 2015	Paper unavailable
Promoting men's mental health, 266p., 2010	Book - no relevant data to extract
Public Health England, The international evidence on the prevention of drug and alcohol use. Summary and examples of implementation in England. PHE, 2015	Not primary research (briefing paper)
Raynal, M. E., Chen, W. W., Evaluation of a drug prevention program for young high risk students, <i>International quarterly of community health education</i> , 16, 187-95, 1996	Not targeted at a group of interest
Reback, Cathy J., Shoptaw, Steven, Development of an evidence-based, gay-specific cognitive behavioral therapy intervention for methamphetamine-abusing gay and bisexual men, <i>Addictive Behaviors</i> , 39, 1286-91, 2014	Treatment rather than prevention
Reed, K., Cheadle, A., Thompson, B., Evaluating prevention programs with the Results Mapping evaluation tool: a case study of a youth substance abuse prevention program, <i>Health Education Research</i> , 15, 73-84, 2000	Not targeted at a group of interest
Rentschler, D. M., A longitudinal study to determine the long-term effects of prevention and intervention substance abuse strategies on at-risk fourth grade students and their families, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 57, 3406, 1997	Not clear if intervention is targeted at a group of interest
Rhew, I. C., Brown, E. C., Hawkins, J. D., Briney, J. S., Sustained effects of the Communities That Care system on prevention service system transformation, <i>American Journal of Public Health</i> , 103, 529-35, 2013	Not targeted at a group of interest
Rice, E., Milburn, N. G., Monro, W., Social networking technology, social network composition, and reductions in substance use among homeless adolescents, <i>Prevention science : the official journal of the Society for Prevention Research</i> , 12, 80-8, 2011	No drug misuse prevention intervention described
Rice, E., Rhoades, H., How should network-based prevention for homeless youth be implemented?, <i>Addiction</i> , 108, 1625-1626, 2013	Not primary research (commentary)
Rivera, E. T., Hendricks, W. A., Peace, P., Substance abuse counseling with college students, <i>Group work and outreach plans for college counselors.</i> , 171-177, 2011	Paper unavailable
Rodriguez, D. M., Teesson, M., Newton, N. C., A systematic review of computerised serious educational games about alcohol and other drugs for adolescents, <i>Drug and Alcohol Review</i> , 33, 129-135, 2014	Systematic review but 0 included studies meet our eligibility criteria
Roe, S., Becker, J., Drug prevention with vulnerable young people: a review (Provisional abstract), <i>Alcohol, Drugs and Driving</i> , 12, 85-99, 2005	Systematic review but only a maximum of 50% of included studies meet our eligibility criteria
Rohde, P., Stice, E., Gau, J. M., Marti, C. N., Reduced substance use as a secondary benefit of an indicated cognitive-behavioral adolescent depression prevention program, <i>Psychology of addictive behaviors : journal of the Society of Psychologists in Addictive Behaviors</i> , 26, 599-608, 2012	Not primarily a drug misuse prevention intervention

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Rohrbach, L. A., Grana, R., Sussman, S., Valente, T. W., Type II translation: transporting prevention interventions from research to real-world settings, <i>Evaluation & the health professions</i> , 29, 302-33, 2006	Study design (overview/discussion of how to disseminate prevention programmes)
Rongione, D., Erford, B. T., Broglie, C., Alcohol and other drug abuse counseling outcomes for school-aged youth: a meta-analysis of studies from 1990 to 2009, <i>Counseling Outcome Research and Evaluation</i> , 2(1), 8-24, 2011	Treatment rather than prevention
Rooke, S., Copeland, J., Norberg, M., Hine, D., McCambridge, J., Effectiveness of a self-guided web-based cannabis treatment program: randomized controlled trial, <i>Journal of Medical Internet Research</i> , 15, e26, 2013	Treatment rather than prevention
Rosenthal, M. Zachary, Kutlu, Munir G., Translation of associative learning models into extinction reminders delivered via mobile phones during cue exposure interventions for substance use, <i>Psychology of addictive behaviors : journal of the Society of Psychologists in Addictive Behaviors</i> , 28, 863-71, 2014	Treatment rather than prevention
Rutter, D., Keys to change: a study of the role of local authority housing in the care and rehabilitation of drug and alcohol users in the London Borough of Lambeth (Drugs prevention; initiative paper 18), 1999	Treatment rather than prevention
Saitz, R., Palfai, T. P., Cheng, D. M., Alford, D. P., Bernstein, J. A., Lloyd-Travaglini, C. A., Meli, S. M., Chaisson, C. E., Samet, J. H., Screening and brief intervention for drug use in primary care: the ASPIRE randomized clinical trial, <i>Jama</i> , 312, 502-13, 2014	Includes universal screening
Salvo, N., Bennett, K., Cheung, A., Chen, Y., Rice, M., Rush, B., Bullock, H., Bowlby, A., Prevention of substance use in children/adolescents with mental disorders: a systematic review (Provisional abstract), <i>Journal of the Canadian Academy of Child and Adolescent Psychiatry</i> , 21, 245-252, 2012	Systematic review but only a maximum of 50% of included studies meet our eligibility criteria
Sambrano, S., Springer, J. F., Sale, E., Kasim, R., Hermann, J., Understanding prevention effectiveness in real-world settings: the National Cross-Site Evaluation of high risk youth programs, <i>The American journal of drug and alcohol abuse</i> , 31, 491-513, 2005	Not clear if intervention is targeted at a group of interest
Sandler, I., Wolchi, S. A., Cruden, G., Mahrer, N. E., Ahn, S., Brincks, A., Brown, C. H., Overview of meta-analyses of the prevention of mental health, substance use, and conduct problems, <i>Annual Review of Clinical Psychology</i> , 10, 243-273, 2014	Review of meta-analyses but only 13% of included meta-analyses potentially meet our eligibility criteria
Santos, G., Das, M., Cofax, G. N., Interventions for Non-Injection Substance Use Among US Men Who Have Sex with Men: What is Needed, <i>AIDS and Behavior</i> , 15, S51-S56, 2011	Study design (not primary research or a systematic review)
Santos, Glenn-Milo S., Substance use and alcohol among key populations at risk for HIV: Novel approaches in intervention development and evaluation, <i>Dissertation Abstracts International: Section B: The Sciences and Engineering</i> , 75, No-Specified, 2015	Paper unavailable
Saunders, D. M., Religious approaches to the secondary and tertiary prevention of substance abuse: Their efficacy in reducing risk factors among late adolescents and young adults. (spirituality, intervention), <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 59, 4070, 1999	Dissertation abstract
Schaub, M., Sullivan, R., Stark, L., Snow control - an RCT protocol for a web-based self-help therapy to reduce cocaine consumption in problematic cocaine users, <i>BMC Psychiatry</i> , 11, 153, 2011	Protocol
Scheier, L. M., Hansen, W. B., Parenting and teen drug use: The most recent findings from research, prevention, and treatment, Parenting and teen drug use: The most recent findings from research, prevention, and treatment., 2014	Paper unavailable
Scheier, L., Handbook of drug use etiology: Theory, methods, and empirical findings, <i>Handbook of drug use etiology: Theory, methods, and empirical findings.</i> , 2010	Book - no relevant data to extract
Schulte, D. J., Use MAPS to prevent prescription drug abuse, <i>The Journal of the Michigan Dental Association</i> , 95, 14, 2013	Not primary research (legal counsel/letter)
Schwartz, S. J., Phelps, E., Lerner, J. V., Huang, S., Brown, C. H., Lewin-Bizan, S., Li, Y., Lerner, R. M., Promotion as prevention: Positive youth development as protective against tobacco, alcohol, illicit drug, and sex initiation, <i>Applied Developmental Science</i> , 14, 197-211, 2010	Study design (correlational study)
Sharma, M., Branscum, P., School-based drug abuse prevention programs in high school students, <i>Journal of Alcohol and Drug Education</i> , 57(3), 51-65, 2013	Universal schools paper

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Sharp, R. N., McLaughlin, R. J., McClanahan, K. M., Psychology in school-based prevention, early intervention, treatment and abstinence maintenance - Some responses to marijuana use in the schools, <i>School psychology international</i> , 20, 87-103, 1999	Universal schools paper
Shek, D.T. L., Yu, L., A review of validated youth prevention and positive youth development programs in Asia, <i>International Journal of Adolescent Medicine and Health</i> , 23, 317-24, 2011	Reviews literature from countries not in scope
Shetgiri, R., Kataoka, S., Lin, H., Flores, G., A randomized, controlled trial of a school-based intervention to reduce violence and substance use in predominantly Latino high school students, <i>Journal of the National Medical Association</i> , 103, 932-40, 2011	Not all participants fall into a target group of interest
Shetty, V., Murphy, D. A., Zigler, C., Yamashita, D. R., Belin, T. R., Randomized controlled trial of personalized motivational interventions in substance using patients with facial injuries, <i>Journal of oral and maxillofacial surgery : official journal of the American Association of Oral and Maxillofacial Surgeons</i> , 69, 2396-411, 2011	Not all participants fall into a target group of interest
Skara, S., Sussman, S., A review of 25 long-term adolescent tobacco and other drug use prevention program evaluations (Structured abstract), <i>Preventive Medicine</i> , 37, 451-474, 2003	Does not meet systematic review criteria
Skiba, D., Monroe, J., Wodarski, J. S., Adolescent substance use: reviewing the effectiveness of prevention strategies, 49, 343 - 353, 2004	Does not meet systematic review criteria
Slesnick, N., Dashora, P., Letcher, A., Erdem, G., Serovich, J., A review of services and interventions for runaway and homeless youth: Moving forward, <i>Children and Youth Services Review</i> , 31, 732-742, 2009	Does not meet systematic review criteria
Slesnick, N., Guo, X., Brakenhoff, B., Bantchevska, D., A comparison of three interventions for homeless youth evidencing substance use disorders: results of a randomized clinical trial, <i>Journal of Substance Abuse Treatment</i> , 54, 1-13, 2015	Treatment rather than prevention
Smith, D., Leve, L., Chamberlain, P., Preventing internalizing and externalizing problems in girls in foster care as they enter middle school: immediate impact of an intervention, <i>Prevention Science</i> , 12 (3), 269-277	No drug misuse prevention intervention described
Smyth, N. J., Saulnier, C. F., Substance abuse prevention among high risk youth, <i>Journal of Prevention & Intervention Community</i> , 14, 61-79, 1996	Does not meet systematic review criteria
Sohn, A., The evaluation of a comprehensive substance use prevention and reduction program implemented in an alternative high school setting, 2000	Paper unavailable
Solomon, D., Grewal, P., Taylor, C., Solomon, B., Managing misuse of novel psychoactive substances, <i>Nursing times</i> , 110, 12-5, 2014	Not primary research (narrative overview/discussion paper)
Soole, D. W., Mazerolle, L., Rombouts, S., School-based drug prevention programs: A review of what works, <i>Australian & New Zealand Journal of Criminology</i> , 41, 259-286, 2008	Review of universal school interventions
Speirs, V., Johnson, M., Jirojwong, S., A systematic review of interventions for homeless women, <i>Journal of clinical nursing</i> , 22, 1080-1093, 2013	Systematic review but only 33% of included studies meet our eligibility criteria
Spoth, R., Trudeau, L., Redmond, C., Shin, C., Replication RCT of early universal prevention effects on young adult substance misuse, <i>Journal of Consulting and Clinical Psychology</i> , 82, 949-63, 2014	Not targeted at a group of interest
Spoth, R., Trudeau, L., Shin, C.I, Ralston, E., Redmond, C., Greenberg, M., F., Mark, Longitudinal effects of universal preventive intervention on prescription drug misuse: three randomized controlled trials with late adolescents and young adults, <i>American Journal of Public Health</i> , 103, 665-72, 2013	Not targeted at a group of interest
Spoth, Ri., Redmond, C., Shin, C.I, Greenberg, M., Feinberg, M., Schainker, L., PROSPER community-university partnership delivery system effects on substance misuse through 6 1/2 years past baseline from a cluster randomized controlled intervention trial, <i>Preventive Medicine</i> , 56, 190-6, 2013	Not targeted at a group of interest
Springer, J. F., Sale, E., Hermann, J., Sambrano, S., Kasim, R., Nistler, M., Characteristics of effective substance abuse prevention programs for high-risk youth, <i>The Journal of Primary Prevention</i> , 25, 171-194, 2004	Not clear if all interventions included in the evaluation were targeted at groups of interest

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Springer, J. F., Sambrano, S., Sale, E., Kasim, R., Herman, J., The National Cross-Site Evaluation of High-Risk Youth Programs. Preventing Substance Abuse: Major Findings from the National Cross-Site Evaluation of High-Risk Youth Programs. Monograph Series, 2002	Not clear if all interventions included in the evaluation were targeted at groups of interest
Springer, J. F., Wright, L. S., McCall, G. J., Family interventions and adolescent resiliency: The Southwest Texas State High-Risk Youth Program, <i>Journal of Community Psychology</i> , 25, 435-452, 1997	Not targeted at a group of interest
St Pierre, T. L., Mark, M. M., Kaltreider, D. L., Campbell, B., Boys & girls clubs and school collaborations: A longitudinal study of a multicomponent substance abuse prevention program for high-risk elementary school children, <i>Journal of Community Psychology</i> , 29, 87-106, 2001	Not targeted at a group of interest
St. Pierre, T. L., Kaltreider, D. L., Reflections on implementing a community agency-school prevention program, <i>Journal of Community Psychology</i> , 29, 107-116, 2001	Not clear if intervention is targeted at a group of interest
Stead, M., Angus, K., Literature review into the effectiveness of school drug education, 2004	Review of universal school interventions
Steiker, L. K. H., Goldbach, J., Hopson, L. M., Powell, T., The value of cultural adaptation processes: Older youth participants as substance abuse preventionists, <i>Child & Adolescent Social Work Journal</i> , 28, 495-509, 2011	Not targeted at a group of interest
Stein, M. D., Hagerty, C. E., Herman, D. S., Phipps, M. G., Anderson, B. J., A brief marijuana intervention for non-treatment-seeking young adult women, <i>Journal of Substance Abuse Treatment</i> , 40, 189-198, 2011	Not all participants fall into a target group of interest
Stein, Michael D., Herman, Debra S., Anderson, Bradley J., A motivational intervention trial to reduce cocaine use, <i>Journal of Substance Abuse Treatment</i> , 36, 118-25, 2009	Treatment rather than prevention
Sterling, S., Valkanoff, T., Hinman, A., Weisner, C., Integrating substance use treatment into adolescent health care, <i>Current psychiatry reports</i> , 14, 453-61, 2012	SBIRT study - includes universal screening
Stevenson, J. F., Community-Level Collaboration for Substance Abuse Prevention, <i>Journal of Primary Prevention</i> , 23, Spr-404, 2003	Book - no relevant data to extract
Stoil, M. J., Hill, G. A., Jansen, M. A., Sambrano, S., Winn, F. J., Benefits of community-based demonstration efforts: Knowledge gained in substance abuse prevention, <i>Journal of Community Psychology</i> , 28, 375-389, 2000	Does not meet systematic review criteria
Strand, P. S., Treating antisocial behavior: a context for substance abuse prevention, 22, 707 - 728, 2002	Does not meet systematic review criteria
Strang, J., McCambridge, J., Can the practitioner correctly predict outcome in motivational interviewing?, <i>Journal of Substance Abuse Treatment</i> , 27, 83-88, 2004	Relevant outcomes already extracted from McCambridge & Strang 2004
Straussner, S. L. A., Fewell, C. H., Children of substance-abusing parents: Dynamics and treatment, <i>Children of substance-abusing parents: Dynamics and treatment.</i> , 2011	Book - no relevant data to extract
Strike, C., Rotondi, M., Kolla, G., Roy, E., Rotondi, N. K., Rudzinski, K., Balian, R., Guimond, T., Penn, R., Silver, R. B., Millson, M., Sirois, K., Altenberg, J., Hunt, N., Interrupting the social processes linked with initiation of injection drug use: results from a pilot study, <i>Drug and Alcohol Dependence</i> , 137, 48-54, 2014	Not targeted at a group of interest
Strout, M., Evidence-based practices for substance abuse prevention: Reports from the front line, <i>Dissertation Abstracts International Section A: Humanities and Social Sciences</i> , 68, 1184, 2007	Dissertation abstract
Substance misuse: the implications of research, policy and practice, 240p., 2010	No relevant outcome data reported
Sun, W., Skara, S., Sun, P., Dent, C. W., Sussman, S., Project Towards No Drug Abuse: long-term substance use outcomes evaluation, <i>Preventive Medicine</i> , 42, 188-92, 2006	Universal school intervention (alternative/continuation high schools)
Sussman, S. Y., Evaluating the efficacy of Project TND: Evidence from seven research trials, <i>Handbook of adolescent drug use prevention: Research, intervention strategies, and practice.</i> , 159-176, 2015	Paper unavailable
Sussman, S., Arriaza, B., Grigsby, T. J., Alcohol, tobacco, and other drug misuse prevention and cessation programming for alternative high school youth: a review, <i>The Journal of school health</i> , 84, 748-58, 2014	Does not meet systematic review criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Sussman, S., Dent, C. W., Craig, S., Ritt-Olsen, A., McCuller, W. J., Development and immediate impact of a self-instruction curriculum for an adolescent indicated drug abuse prevention trial, <i>Journal of Drug Education</i> , 32, 121-37, 2002	Universal school intervention (alternative/continuation high schools)
Sussman, S., Dent, C. W., Simon, T. R., Stacy, A.W., Galaif, E. R., Moss, M. A., Craig, S., Johnson, C. A., Immediate impact of social influence-oriented substance abuse prevention curricula in traditional and continuation high schools, <i>Drugs & Society</i> , 8, 65-81, 1995	Universal school intervention (alternative/continuation high schools)
Sussman, S., Dent, C. W., Stacy, A.W., Project towards no drug abuse: a review of the findings and future directions, <i>American Journal of Health Behavior</i> , 26, 354-65, 2002	Does not meet systematic review criteria
Sussman, S., Dent, C.e W., Stacy, A. W., Craig, S., One-year outcomes of Project Towards No Drug Abuse, <i>Preventive Medicine: An International Journal Devoted to Practice and Theory</i> , 27, 632-642, 1998	Universal school intervention (alternative/continuation high schools)
Sussman, S., Earleywine, M., Wills, T., Cody, C., Biglan, T., Dent, C. W., Newcomb, M. D., The motivation, skills, and decision-making model of "drug abuse" prevention, <i>Substance Use & Misuse</i> , 39, 1971-2016, 2004	Study design (not primary research or a systematic review)
Sussman, S., Galaif, E. R., Newman, T., Hennesy, M., Pentz, M. A., Dent, C. W., Stacy, A. W., Moss, M. A., Craig, S., Simon, T. R., Implementation and process evaluation of a student "school-as-community" group. A component of a school-based drug abuse prevention program, <i>Evaluation Review</i> , 21, 94-123, 1997	Universal school intervention (alternative/continuation high schools)
Sussman, S., Rohrbach, L. A., Patel, R., Holiday, K., A look at an interactive classroom-based drug abuse prevention program: interactive contents and suggestions for research, <i>Journal of Drug Education</i> , 33, 355-68, 2003	Study design (content analysis)
Sussman, S., Simon, T. R., Dent, C. W., Stacy, A. W., Galaif, E. R., Moss, M. A., Craig, S., Johnson, C. A., Immediate impact of thirty-two drug use prevention activities among students at continuation high schools, <i>Substance Use & Misuse</i> , 32, 265-81, 1997	Universal school intervention (alternative/continuation high schools)
Sussman, S., Skara, S., Pumpuang, P., Project Towards No Drug Abuse (TND): needs assessment of a social service referral telephone program for high risk youth, <i>Substance Use & Misuse</i> , 43, 2066-73, 2008	Not targeted at a group of interest
Sussman, S., Sun, P., McCuller, W. J., Dent, C. W., Project Towards No Drug Abuse: two-year outcomes of a trial that compares health educator delivery to self-instruction, <i>Preventive Medicine</i> , 37, 155-62, 2003	Universal school intervention (alternative/continuation high schools)
Sussman, S., Sun, P., Rohrbach, L. A., Spruijt-Metz, D., One-year outcomes of a drug abuse prevention program for older teens and emerging adults: evaluating a motivational interviewing booster component, <i>Health psychology : official journal of the Division of Health Psychology, American Psychological Association</i> , 31, 476-85, 2012	Universal school intervention (alternative/continuation high schools)
Suydam, L., Garcia, A., School nurses connect schools and parents from home to homeroom to prevent teen medicine abuse, <i>NASN school nurse (Print)</i> , 25, 170-1, 2010	Does not meet systematic review criteria
Tait, R. J., Hulse, G. K., A systematic review of the effectiveness of brief interventions with substance using adolescents by type of drug, <i>Drug and Alcohol Review</i> , 22, 337-346, 2003	Does not meet systematic review criteria
Tait, R. J., Spijkerman, R., Riper, H., Internet and computer based interventions for cannabis use: A meta-analysis, <i>Drug and Alcohol Dependence</i> , 133, 295-304, 2013	Systematic review but only 40% of included studies potentially meet our eligibility criteria
Teesson, M., Newton, N. C., Barrett, E. L., Australian school-based prevention programs for alcohol and other drugs: A systematic review, <i>Drug & Alcohol Review</i> , 31, 731-736, 2012	Review of universal school interventions
Teesson, M., Newton, N., Slade, T., Conrod, P., An integrated approach to substance use prevention for high-and lowrisk youth: The cap intervention, <i>Alcoholism: Clinical and Experimental Research</i> , 37, 148a, 2013	Conference abstract
Thomas Roger, E., Lorenzetti, Diane, Spragins, Wendy, Mentoring adolescents to prevent drug and alcohol use, <i>Cochrane Database of Systematic Reviews</i> , 2011	Not targeted at a group of interest
Thomas, R. E., Lorenzetti, D. L., Spragins, W., Systematic review of mentoring to prevent or reduce alcohol and drug use by adolescents, <i>Academic Pediatrics</i> , 13, 292-299, 2013	Systematic review but only 67% of included studies meet our eligibility criteria

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Thompson Sanna, J., Pomeroy Elizabeth, C., Gober, Kelly, Family-Based Treatment Models Targeting Substance Use and High-Risk Behaviors among Adolescents: A Review, <i>Journal of Evidence-Based Social Work</i> , 2, 207-233, 2005	Does not meet systematic review criteria
Thompson, E. A., Horn, M., Herting, J. R., Eggert, L. L., Enhancing outcomes in an indicated drug prevention program for high-risk youth, <i>Journal of Drug Education</i> , 27, 19-41, 1997	Not clear if all participants fall into a target group of interest
Tiderington, E., Stanhope, V., Henwood, B. F., A qualitative analysis of case managers' use of harm reduction in practice, <i>Journal of Substance Abuse Treatment</i> , 44, 71-7, 2013	Housing First study - unclear if intervention includes drug misuse prevention elements
Tidey, J. W., Using incentives to reduce substance use and other health risk behaviors among people with serious mental illness, <i>Preventive Medicine</i> , 55 Suppl, S54-60, 2012	Does not meet systematic review criteria
Tobler, N. S., Lessard, T., Marshall, D., Ochshorn, P., Roona, M., Effectiveness of school-based drug prevention programs for marijuana use, <i>School psychology international</i> , 20, 105-137, 1999	Review of universal school interventions
Tobler, N. S., Lessons learned, <i>Journal of Primary Prevention</i> , 20, 261-274., 2000	Study design (not primary research or a systematic review)
Tobler, N. S., Roona, M. R., Ochshorn, P., Marshall, D. G., Streke, A. V., Stackpole, K. M., School-based adolescent drug prevention programs: 1998 Meta-analysis, <i>Journal of Primary Prevention</i> , 20, 275-336, 2000	Meta-analysis of universal school interventions
Tobler, N. S., Stratton, H. H., Effectiveness of school-based drug prevention programs: A meta-analysis of the research, <i>Journal of Primary Prevention</i> , 18, 71-128, 1997	Meta-analysis of universal school interventions
Tolan, P., Henry, D., Schoeny, M., Bass, A., Lovegrove, P., Nichols, E., Mentoring Interventions to Affect Juvenile Delinquency and Associated Problems: A Systematic Review, 2013	Systematic review but only 9% of included studies meet our eligibility criteria
Tossmann, H. P., Jonas, B., Tensil, M. D., Lang, P., Strüber, E., A controlled trial of an internet-based intervention program for cannabis users, <i>Cyberpsychology, behavior and social networking</i> , 14, 673-9, 2011	Treatment rather than prevention
Toumbourou, J. W., Stockwell, T., Neighbors, C., Marlatt, G. A., Sturge, J., Rehm, J., Interventions to reduce harm associated with adolescent substance use, <i>Lancet (London, England)</i> , 369, 1391-401, 2007	Does not meet systematic review criteria
Tozer, K., Tzemis, D., Amlani, A., Coser, L., Taylor, D., Van Borek, N., Saewyc, E., Buxton, J. A., Reorienting risk to resilience: street-involved youth perspectives on preventing the transition to injection drug use, <i>BMC Public Health</i> , 15, 800, 2015	No drug misuse prevention intervention described
Tunnard, J., Parental drug misuse: a review of impact and intervention studies, 2002	Does not meet systematic review criteria
Uk Drug Policy Commission, Drugs and diversity: lesbian, gay, bisexual and transgender (LGBT) communities: learning from the evidence, 4p., 2010	Does not meet systematic review criteria
United Nations Office on Drugs and Crime (UNDOC), International Standards on Drug Prevention: Appendix II Annex V, UN, 2015	Systematic review but 0 included studies meet our eligibility criteria
Valentine, J., Gottlieb, B., Keel, S., Griffith, J., Ruthazer, R., Measuring the effectiveness of the Urban Youth Connection: the case for dose-response modeling to demonstrate the impact of an adolescent substance abuse prevention program, <i>Journal of Primary Prevention</i> , 18, 363-87, 1998	Not clear if participants fall into a target group of interest
Van Hout, M. C., Foley, M., McCormack, A., Tardif, E., Teachers' perspectives on their role in school-based alcohol and cannabis prevention, <i>International Journal of Health Promotion and Education</i> , 50, 328-341, 2012	Universal schools paper
Vander Laenen, F., How drug policy should (not) be: Institutionalised young people's perspectives, <i>International Journal of Drug Policy</i> , 22, 491-497, 2011	Not targeted at a group of interest
Watson, D. P., Wagner, D. E., Rivers, M., Understanding the critical ingredients for facilitating consumer change in housing first programming: a case study approach, <i>The journal of behavioral health services & research</i> , 40, 169-79, 2013	Housing First study - unclear if intervention includes drug misuse prevention elements

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Webster-Stratton, C., Rinaldi, J. and, Reid, J. M., Long-term outcomes of Incredible Years Parenting Program: predictors of adolescent adjustment, <i>Child and Adolescent Mental Health</i> , 16, pp38, 2011	Treatment rather than prevention
Webster-Stratton, C., Taylor, T., Nipping early risk factors in the bud: preventing substance abuse, delinquency, and violence in adolescence through interventions targeted at young children (0-8 years), 2, 165 - 192, 2001	Study design (not primary research or a systematic review)
Weiler, L. M., Prevention of substance abuse in juvenile delinquents: Identification of important mentoring processes, <i>Dissertation Abstracts International: Section B: The Sciences and Engineering</i> , 74, No-Specified, 2014	Not clear if intervention is targeted at a group of interest
Weinberg, N. Z., Rahdert, E., Colliver, J. D., Glantz, M. D., Adolescent substance abuse: A review of the past 10 years, <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 37, 252-261, 1998	Does not meet systematic review criteria
Weir, E., Raves: a review of the culture, the drugs and the prevention of harm, <i>Canadian Medical Association Journal</i> , 162, 1843-1848, 2000	Study design (not primary research or a systematic review)
Weiss, F. L., Nicholson, H. J., Friendly PEERSuasion(sm) against substance use: The Girls Incorporated(sm) model and evaluation, <i>Drugs and Society</i> , 12, 7-22, 1998	Not clear if all participants fall into a target group of interest
Werb, D., Buxton, J., Shoveller, J., Richardson, C., Rowell, G., Wood, E., Interventions to prevent the initiation of injection drug use: a systematic review (Provisional abstract), <i>Drug and Alcohol Dependence</i> , 133, 669-676, 2013	Systematic review but only 13% of included studies meet our eligibility criteria
Werch, C. E., Owen, D. M., Iatrogenic effects of alcohol and drug prevention programs, <i>Journal of Studies on Alcohol</i> , 63, 581-590, 2002	Does not meet systematic review criteria
West, S. L., O'Neal, K. K., Project D.A.R.E. outcome effectiveness revisited, <i>American Journal of Public Health</i> , 94, 1027-1029, 2004	Not clear if intervention is targeted at a group of interest
White, D., Pitts, M., Educating young people about drugs: A systematic review, <i>Addiction</i> , 93, 1475-1487, 1998	Systematic review but only a maximum of 23% of included studies meet our eligibility criteria
White, D., Pitts, M., Health promotion with young people for the prevention of substance misuse, 1997	Not primary research (review summary)
Wilson, D. B., Gottfredson, D. C., Najaka, S. S., School-based prevention of problem behaviors: a meta-analysis, <i>Journal of Quantitative Criminology</i> , 17, 247-272, 2001	Meta-analysis of universal school interventions
Windle, M., Windle, R. C., Adolescent tobacco, alcohol and drug use: current findings, <i>Adolescent Medicine: State of the Art Reviews</i> , 10, 153-63, 1999	Does not meet systematic review criteria
Winters, K. C., Fahnhorst, T., Botzet, A., Lee, S., Lalone, B., Brief intervention for drug-abusing adolescents in a school setting: Outcomes and mediating factors, <i>Journal of Substance Abuse Treatment</i> , 42, 279-288, 2012	Not all participants fall into a target group of interest
Winters, K. C., Fawkes, T., Fahnhorst, T., Botzet, A., August, G., A synthesis review of exemplary drug abuse prevention programs in the United States, <i>Journal of Substance Abuse Treatment</i> , 32, 2007	Does not meet systematic review criteria
Winters, K. C., Lee, S., Botzet, A., Fahnhorst, T., Nicholson, A., One-Year Outcomes and Mediators of a Brief Intervention for Drug Abusing Adolescents, <i>Psychology of Addictive Behaviors</i> , 28, 464-474, 2014	Not all participants fall into a target group of interest
Wood, S. K., Eckley, L., Hughes, K., Hardcastle, K. A., Bellis, M. A., Schrooten, J., Demetrovics, Z., Voorham, L., Computer-based programmes for the prevention and management of illicit recreational drug use: A systematic review, <i>Addictive Behaviors</i> , 39, 30-38, 2014	Systematic review but only a maximum of 40% of included studies meet our eligibility criteria
Woodruff, S. I., Eisenberg, K., McCabe, C. T., Clapp, J. D., Hohman, M., Evaluation of California's Alcohol and Drug Screening and Brief Intervention Project for Emergency Department Patients, <i>The western journal of emergency medicine</i> , 14, 263-70, 2013	SBIRT study - includes universal screening
Woolderink, M., Smit, F., van der Zanden, R., Beecham, J., Knapp, M., Paulus, A., Evers, S., Design of an internet-based health economic evaluation of a preventive group-intervention for children of parents with mental illness or substance use disorders, <i>BMC Public Health</i> , 10, 470, 2010	Not all participants fall into a target group of interest

Drug misuse prevention: Appendix 2 to Evidence Review 2

Excluded studies

Workman, J. W., Huber, M. J., Ford, J., Mayer, T., Moore, D., Wilson, J. F., Kinzeler, N., The PALS prevention program and its long-term impact on student intentions to use alcohol, tobacco, and marijuana, <i>Journal of Drug Education</i> , 42, 469-85, 2012	Not clear if intervention is targeted at a group of interest
World Health Organisation, Outcome Evaluation Summary Report: WHO/UNODC Global Initiative on Primary Prevention of Substance Abuse, 2007	All countries included in report are out of scope
Xiang, X., A Review of Interventions for Substance Use Among Homeless Youth, <i>Research on Social Work Practice</i> , 23, 34-45, 2013	Systematic review but only up to 40% of included studies meet our eligibility criteria
Yacoubian, G.S., Miller, S., Pianim, S., Kunz, M.I, Orrick, E., Link, T., Palacios, W. R., Peters, R. J., Toward an ecstasy and other club drug (EOCD) prevention intervention for rave attendees, <i>Journal of Drug Education</i> , 34, 41-59, 2004	No drug misuse prevention intervention described
Young, M. M., Stevens, A., Galipeau, J., Pirie, T., Garritty, C., Singh, K., Yazdi, F., Golfam, M., Pratt, M., Turner, L., Porath-Waller, A., Arratoon, C., Haley, N., Leslie, K., Reardon, R., Sproule, B., Grimshaw, J., Moher, D., Effectiveness of brief interventions as part of the Screening, Brief Intervention and Referral to Treatment (SBIRT) model for reducing the nonmedical use of psychoactive substances: a systematic review, <i>Systematic Reviews</i> , 3, 50, 2014	SBIRT study - includes universal screening
Yuen, E. Y. N., Toumbourou, J. W., Does family intervention for adolescent substance use impact parental mental health? A systematic review, <i>Australian e-Journal for the Advancement of Mental Health</i> , 7, 14p, 2008	No relevant outcome data reported
Zatzick, D., Russo, J., Lord, S. P., Varley, C., Wang, J., Berliner, L., Jurkovich, G., Whiteside, L. K., O'Connor, S., Rivara, F. P., Collaborative care intervention targeting violence risk behaviors, substance use, and posttraumatic stress and depressive symptoms in injured adolescents a randomized clinical trial, <i>JAMA pediatrics</i> , 168, 532-9, 2014	Not targeted at a group of interest

