



## Literature search

PubMed via NLM 2018-08-27		
Regulation of food and drink high in sugar		
	Search terms	Items found
1.	sucrose[MeSH Terms] OR sweetening agents[MeSH Terms] OR dietary sugars[MeSH Terms] OR nutritive sweeteners[MeSH Terms]	35245
2.	sweet*[Title/Abstract] OR sugar*[Title/Abstract] OR sucrose[Title/Abstract] OR calor*[Title/Abstract] OR energy dense[Title/Abstract] OR junk food[Title/Abstract] OR soft drink*[Title/Abstract] OR cake*[Title/Abstract] OR pastr*[Title/Abstract] OR biscuit*[Title/Abstract] OR pudding*[Title/Abstract] OR jam[Title/Abstract] OR jams[Title/Abstract] OR marmalade*[Title/Abstract] OR confectioner*[Title/Abstract] OR chocolate*[Title/Abstract] OR energy rich[Title/Abstract] OR energy drink*[Title/Abstract] OR sports drink*[Title/Abstract] OR sport drink*[Title/Abstract] OR yoghurt*[Title/Abstract] OR yogurt*[Title/Abstract] OR cereal*[Title/Abstract] OR juice*[Title/Abstract] OR snack*[Title/Abstract] OR candy[Title/Abstract] OR candies[Title/Abstract] OR dessert*[Title/Abstract] OR fizzy[Title/Abstract] OR soda[Title/Abstract] OR pop[Title/Abstract] OR beverage*[Title/Abstract] OR carbonated[Title/Abstract]	350971
3.	#1 OR #2	362272
Intervention:		
4.	"food/economics"[Mesh] OR "diet/economics"[Mesh] OR taxes[MeSH Terms] OR financing, government[MeSH Terms] OR consumer health information[MeSH Terms] OR health education, dental[MeSH Terms] OR nutrition assessment[MeSH Terms] OR nutrition surveys[MeSH Terms] OR policy making[MeSH Terms] OR health policy[MeSH Terms] OR nutrition policy[MeSH Terms]	257906
5.	tax[Title/Abstract] OR taxes[Title/Abstract] OR taxation[Title/Abstract] OR fiscal*[Title/Abstract] OR price[Title/Abstract] OR pricing[Title/Abstract] OR prices[Title/Abstract] OR tariff*[Title/Abstract] OR subsid*[Title/Abstract] OR incentiv*[Title/Abstract] OR econometric*[Title/Abstract] OR economic*[Title/Abstract] OR cost*[Title/Abstract] OR financ*[Title/Abstract] OR penal*[Title/Abstract]	756016
6.	#4 OR #5	966729
Outcome:		
7.	obesity[MeSH Terms] OR body weight[MeSH Terms] OR body weights and measures[MeSH Terms] OR diabetes mellitus, type 2[MeSH Terms] OR hyperglycemia[MeSH Terms] OR consumer behavior[MeSH Terms] OR diet[MeSH Terms] OR habits[MeSH:NoExp] OR feeding behavior[MeSH Terms]	982433
8.	high blood sugar[Title/Abstract] OR hyperglycemi*[Title/Abstract] OR diabet*[Title/Abstract] OR body fat[Title/Abstract] OR bmi[Title/Abstract] OR body mass index[Title/Abstract] OR weight[Title/Abstract] OR obes*[Title/Abstract] OR intake[Title/Abstract] OR consumption[Title/Abstract] OR demand[Title/Abstract] OR quantit*[Title/Abstract] OR sale[Title/Abstract] OR sales[Title/Abstract] OR habit[Title/Abstract] OR habits[Title/Abstract] OR behaviour[Title/Abstract] OR behavior[Title/Abstract] OR diet*[Title/Abstract] OR nutrition[Title/Abstract]	3622515
9.	#7 OR #8	3932958
Combined sets		
10.	#3 AND #6 AND #9	14367
Study types:		
11.	Systematic [sb]	374208



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12.	Haynes RCT-filter <sup>1</sup> (clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]	5056075
Combined final sets sets:		
13.	#10 AND #11	380
14.	#10 AND #12	5289

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase

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<sup>1</sup> Haynes RB, McKibbin KA, Wilczynski NL, Walter SD, Werre SR, Hedges Team. Optimal search strategies for retrieving scientifically strong studies of treatment from Medline: analytical survey. *BMJ* 20 = 614181305;330(7501):1179.



Cohrane Library via Wiley DATUM		
Regulation of food and drink high in sugar		
	Search terms	Items found
Population:		
1.	MeSH descriptor: [Sucrose] explode all trees	1323
2.	MeSH descriptor: [Sweetening Agents] explode all trees	622
3.	MeSH descriptor: [Dietary Sugars] explode all trees	283
4.	MeSH descriptor: [Nutritive Sweeteners] explode all trees	290
5.	<i>#1 OR #2 OR #3 OR #4</i>	1590
6.	sweet* or sugar* or sucrose or calor* or energy dense or junk food or soft drink* or cake* or pastr* or biscuit* or pudding* or jam or jams or marmalade* or confectioner* or chocolate* or energy rich or energy drink* or sports drink* or sport drink* or yoghurt* or yogurt* or cereal* or juice* or snack* or candy or candies or dessert* or fizzy or soda or pop or beverage* or carbonated:ti,ab,kw	32892
7.	<i>#5 OR #6</i>	33249
Intervention:		
8.	MeSH descriptor: [Food] explode all trees and with qualifier(s): [economics - EC]	141
9.	MeSH descriptor: [Diet] explode all trees and with qualifier(s): [economics - EC]	69
10.	MeSH descriptor: [Taxes] explode all trees	14
11.	MeSH descriptor: [Financing, Government] explode all trees	623
12.	MeSH descriptor: [Consumer Health Information] explode all trees	404
13.	MeSH descriptor: [Health Education, Dental] explode all trees	259
14.	MeSH descriptor: [Nutrition Assessment] explode all trees	634
15.	MeSH descriptor: [Nutrition Surveys] explode all trees	348
16.	MeSH descriptor: [Policy Making] in all MeSH products	44
17.	MeSH descriptor: [Health Policy] explode all trees	538
18.	MeSH descriptor: [Nutrition Policy] explode all trees	347
19.	<i>#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18</i>	2902
20.	tax or taxes or taxation or fiscal* or price or pricing or prices or tariff* or subsid* or incentiv* or econometric* or economic* or cost* or financ* or penalt*:ti,ab,kw	75944
21.	<i>#19 or #20</i>	78042
Outcome:		
22.	MeSH descriptor: [Obesity] explode all trees	11444
23.	MeSH descriptor: [Body Weight] explode all trees	23634
24.	MeSH descriptor: [Body Weights and Measures] explode all trees	27498
25.	MeSH descriptor: [Diabetes Mellitus, Type 2] explode all trees	14440
26.	MeSH descriptor: [Hyperglycemia] explode all trees	2438
27.	MeSH descriptor: [Consumer Behavior] explode all trees	733
28.	MeSH descriptor: [Diet] explode all trees	16304
29.	MeSH descriptor: [Habits] this term only	121
30.	MeSH descriptor: [Feeding Behavior] explode all trees	7856



Cochrane Library via Wiley DATUM		
Regulation of food and drink high in sugar		
31.	#22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30	54641
32.	high blood sugar or hyperglycemi* or diabet* or body fat or bmi or body mass index or weight or obes* or intake or consumption or demand or quantit* or sale or sales or habit or habits or behaviour or behavior or diet* or nutrition:ti,ab,kw	310455
33.	#31 or #32	313324
Final combined sets:		
34.	#7 and #21 and #33	3021
		Cochrane reviews: 1245 Cochrane protocols: 172 Trials: 1596 Editorials: 2 Spec collections: 5 Clinical answers: 1

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[TIAB] = Title or abstract

[TW] = Text Word

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CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments



Embase via embase.com 2018-08-27		
Regulation of food and drink high in sugar		
	Search terms	Items found
Population:		
1.	'sucrose'/exp OR 'sucrose' OR 'sweetening agent'/exp OR 'sweetening agent' OR 'sugar intake'/exp OR 'sugar intake' OR 'nutritive sweetener'/exp OR 'nutritive sweetener'	128258
2.	sweet* OR sugar* OR sucrose OR calor* OR 'energy dense' OR 'junk food' OR 'soft drink' OR 'soft drinks' OR cake* OR pastr* OR biscuit* OR pudding* OR jam OR jams OR marmalade* OR confectioner* OR chocolate* OR 'energy rich' OR 'energy drink' OR 'energy drinks' OR 'sports drink' OR 'sports drinks' OR 'sport drink' OR 'sport drinks' OR yoghurt* OR yogurt* OR cereal* OR juice* OR snack* OR candy OR candies OR dessert* OR fizzy OR soda OR pop OR beverage* OR carbonated:ti,ab	591594
3.	#1 or #2	304769
4.	'tax'/exp OR 'financial management'/exp OR 'consumer health information'/exp OR 'dental health education'/exp OR 'nutritional assessment'/exp OR 'nutrition'/exp OR 'policy'/exp OR 'management'/exp OR 'policy maker'/exp OR 'health care policy'/exp OR 'nutrition policy'/exp	3383827
5.	tax OR taxes OR taxation OR fiscal* OR price OR pricing OR prices OR tariff* OR subsid* OR incentiv* OR econometric* OR economic* OR cost* OR financ* OR penalt*:ti,ab	1768481
6.	#4 or #5	4573481
7.	'obesity'/exp OR 'body weight'/exp OR 'morphometry'/exp OR 'non insulin dependent diabetes mellitus'/exp OR 'hyperglycemia'/exp OR 'consumer attitude'/exp OR 'diet'/exp OR 'dietary intake'/exp OR 'habit'/exp OR 'feeding behavior'/exp	1855092
8.	'high blood sugar' OR hyperglycemi* OR diabet* OR 'body fat' OR bmi OR 'body mass index' OR weight OR obes* OR intake OR consumption OR demand OR quantit* OR sale OR sales OR habit OR habits OR behaviour OR behavior OR diet* OR nutrition:ti,ab	6358197
9.	#7 or #8	6470007
10.	#3 AND #6 AND #9	218050
Final combined sets:		
11.	#3 AND #6 AND #9 AND [embase]/lim	166475
12.	#3 AND #6 AND #9 AND [embase]/lim AND ([systematic review]/lim OR [meta analysis]/lim)	2434
13.	#3 AND #6 AND #9 AND [embase]/lim AND [randomized controlled trial]/lim	8471

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti,ab = Title or abstract

\* = Truncation

' ' = Citation Marks; searches for an exact phrase



CRD Database, Centre for Reviews and Dissemination, University of York		
Regulation of food and drink high in sugar		
	Search terms	Items found
Population:		
1.	(sugar):TI OR (sweet*):TI OR (energy rich):TI	20
2.	(drink*):TI OR (energy dense):TI OR (calor*):TI	66
3.	#1 OR #3	85
4.	MeSH DESCRIPTOR Sucrose EXPLODE ALL TREES	25
5.	MeSH DESCRIPTOR Sweetening Agents EXPLODE ALL TREES	147
6.	MeSH DESCRIPTOR Nutritive Sweeteners EXPLODE ALL TREES	7
7.	#4 OR #5 OR #6	159
8.	#3 OR #7	235
Intervention:		
9.	(tax*):TI OR (polic*):TI OR (fiscal):TI	333
10.	MeSH DESCRIPTOR Food EXPLODE ALL TREES WITH QUALIFIER EC	126
11.	MeSH DESCRIPTOR Diet EXPLODE ALL TREES WITH QUALIFIER EC	35
12.	MeSH DESCRIPTOR Financing, Government EXPLODE ALL TREES	337
13.	MeSH DESCRIPTOR Taxes EXPLODE ALL TREES	21
14.	MeSH DESCRIPTOR Policy Making EXPLODE ALL TREES	52
15.	MeSH DESCRIPTOR Health Policy EXPLODE ALL TREES	286
16.	MeSH DESCRIPTOR Nutrition Policy EXPLODE ALL TREES	27
17.	#10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16	810
18.	#9 OR #17	1037
Final combined sets		
19.	#9 AND #18	13

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the database's searchable fields

ZC = Methodology Index

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase