Appendix E-2.29b: Search Plan and Results—Schools

Part D. Chapter 4: Food Environment and Settings

1. What is the impact of school-based approaches on the dietary intake, quality, behaviors, and/or preference of school-aged children? (see Appendix E-2.29a: Evidence Portfolio)

2. What is the impact of school-based policies on the dietary intake, quality, behaviors, and/or preferences of school-aged children? (see Appendix E-2.30: Evidence Portfolio)

3. What is the impact of school-based approaches on the weight status of school-aged children? (see Appendix E-2.31: Evidence Portfolio)

4. What is the impact of school-based policies on the weight status of school-aged children? (see Appendix E-2.32: Evidence Portfolio)

Table of Contents

- NEL Search Strategy 1
- Inclusion/Exclusion Criteria 3
- Search Results 4
- Included Articles 4

Search Strategy

Dates Searched: 1/30/14, 1/31/14, 3/19/14

Databases: MEDLINE, Cochrane, Embase, ERIC, Sociological Abstracts, Web of Science

Year Range: January, 2010 to March, 2014

Search Terms and Date(s):

MEDLINE:
Date(s) Searched: 1/30/14, 1/31/14

Search Terms:

Appendix E-2.29b: Schools Search Plan


OR


OR


AND (reviews[ptyp] OR systematic[sb])

Cochrane:
Date(s) Searched: 3/19/2014
Search Terms:
'garden* OR garden-based in Title, Abstract, Keywords and nutrition* OR diet* and school* - limited to Cochrane Database of Systematic Reviews

Embase:
Date(s) Searched: 3/19/2014
Search Terms:
Inclusion/Exclusion Criteria

Inclusion criteria for the school-based systematic reviews included the following:

- Human subjects
- Subject populations from countries with high or very high human development, according to the 2012 Human Development Index
- School-aged children (kindergarten through 12th grade students)
- Subjects who were healthy or at elevated chronic disease risk
- Systematic reviews and meta-analyses
- The intervention or exposure in the reviewed articles was a school program, policy or practice targeting dietary behaviors and/or weight status
- The comparator in the reviewed articles was different levels of intervention, different types of intervention, or no intervention/policy (a control group)
- The outcome(s) was(were) dietary intake, dietary quality, dietary behaviors, dietary preferences, or weight-related measures

In addition, articles were included if they were published in English in a peer-reviewed journal between January 2010 and March 2014. If an author was included on more than one primary research article contained within a review that is similar in content, the paper with the most pertinent data/endpoints was included. If data/endpoints from both papers were appropriate, it was made clear that results were from
the same intervention. If a primary research article was included in more than one review, the study overlap was noted.

Exclusion criteria for the dietary patterns systematic reviews included:

- Animals and in vitro models
- Subject populations from countries with medium or low human development, according to the Human Development Index
- Adults
- Subjects who were hospitalized, diagnosed with disease, and/or receiving medical treatment
- Literature reviews, editorials, and commentaries

Articles were excluded if they were not published in English, or were published before January 2010. Articles, abstracts, and presentations not published in peer-reviewed journals (e.g., websites, magazine articles, Federal reports) were also excluded. Finally, if an author was included on more than one review article or primary research article that was similar in content, the paper with the most pertinent data/endpoints was included, and others were excluded. If a primary research article was included in more than one review, the study overlap was noted.

**Search Results**

**Date Updated: 12/05/14**

**Articles identified through database searching (n=154)**
- PubMed (n=152)
- Other (n=2)

**Articles screened (title and abstract) n=154**

**Full-text articles reviewed for eligibility n=63**

**Studies included in duplication assessment n=7**

**Articles excluded n=91**

**Full-text articles excluded n=56**
The following articles have been determined to be relevant for inclusion in the body of evidence used for the systematic review questions:

**Approaches & Diet**

**Policies & Diet**

**Approaches & Weight**

**Policies & Weight**