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Jia L, Yuan B, Huang F, Lu Y, Garner P, Meng Q

Jia L, Yuan B, Huang F, Lu Y, Garner P, Meng Q.
Strategies for expanding health insurance coverage in vulnerable populations.
Cochrane Database of Systematic Reviews 2014, Issue 11. Art. No.: CD008194.
DOI: [10.1002/14651858.CD008194.pub3](https://doi.org/10.1002/14651858.CD008194.pub3).

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Strategies for expanding health insurance coverage in vulnerable populations (Review)

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TABLE OF CONTENTS

| | |
|--|----|
| HEADER | 1 |
| ABSTRACT | 1 |
| PLAIN LANGUAGE SUMMARY | 2 |
| SUMMARY OF FINDINGS | 4 |
| BACKGROUND | 6 |
| OBJECTIVES | 7 |
| METHODS | 7 |
| RESULTS | 9 |
| Figure 1. | 10 |
| Figure 2. | 11 |
| Figure 3. | 13 |
| Figure 4. | 14 |
| DISCUSSION | 15 |
| AUTHORS' CONCLUSIONS | 16 |
| ACKNOWLEDGEMENTS | 16 |
| REFERENCES | 17 |
| CHARACTERISTICS OF STUDIES | 20 |
| DATA AND ANALYSES | 25 |
| Analysis 1.1. Comparison 1 Awareness and application support versus no intervention, Outcome 1 Enrolment. | 26 |
| Analysis 1.2. Comparison 1 Awareness and application support versus no intervention, Outcome 2 Continuous enrolment. ... | 26 |
| Analysis 1.3. Comparison 1 Awareness and application support versus no intervention, Outcome 3 Sporadic enrolment. | 26 |
| Analysis 1.4. Comparison 1 Awareness and application support versus no intervention, Outcome 4 Mean time to obtain insurance. | 26 |
| Analysis 1.5. Comparison 1 Awareness and application support versus no intervention, Outcome 5 Parental satisfaction with process of enrolment. | 27 |
| Analysis 2.1. Comparison 2 Handing out applications versus no intervention, Outcome 1 Enrolment. | 27 |
| ADDITIONAL TABLES | 27 |
| APPENDICES | 33 |
| WHAT'S NEW | 68 |
| HISTORY | 69 |
| CONTRIBUTIONS OF AUTHORS | 69 |
| DECLARATIONS OF INTEREST | 69 |
| SOURCES OF SUPPORT | 69 |
| DIFFERENCES BETWEEN PROTOCOL AND REVIEW | 69 |
| INDEX TERMS | 69 |

[Intervention Review]

Strategies for expanding health insurance coverage in vulnerable populations

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Editorial group: Cochrane Effective Practice and Organisation of Care Group.

Publication status and date: Edited (no change to conclusions), published in Issue 10, 2019.

Citation: Jia L, Yuan B, Huang F, Lu Y, Garner P, Meng Q. Strategies for expanding health insurance coverage in vulnerable populations. *Cochrane Database of Systematic Reviews* 2014, Issue 11. Art. No.: CD008194. DOI: [10.1002/14651858.CD008194.pub3](https://doi.org/10.1002/14651858.CD008194.pub3).

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ABSTRACT

Background

Health insurance has the potential to improve access to health care and protect people from the financial risks of diseases. However, health insurance coverage is often low, particularly for people most in need of protection, including children and other vulnerable populations.

Objectives

To assess the effectiveness of strategies for expanding health insurance coverage in vulnerable populations.

Search methods

We searched Cochrane Central Register of Controlled Trials (CENTRAL), part of *The Cochrane Library*. www.thecochranelibrary.com (searched 2 November 2012), PubMed (searched 1 November 2012), EMBASE (searched 6 July 2012), Global Health (searched 6 July 2012), IBSS (searched 6 July 2012), WHO Library Database (WHOLIS) (searched 1 November 2012), IDEAS (searched 1 November 2012), ISI-Proceedings (searched 1 November 2012), OpenGrey (changed from OpenSIGLE) (searched 1 November 2012), African Index Medicus (searched 1 November 2012), BLDS (searched 1 November 2012), Econlit (searched 1 November 2012), ELDIS (searched 1 November 2012), ERIC (searched 1 November 2012), HERDIN NeON Database (searched 1 November 2012), IndMED (searched 1 November 2012), JSTOR (searched 1 November 2012), LILACS (searched 1 November 2012), NTIS (searched 1 November 2012), PAIS (searched 6 July 2012), Popline (searched 1 November 2012), ProQuest Dissertation & Theses Database (searched 1 November 2012), PsycINFO (searched 6 July 2012), SSRN (searched 1 November 2012), Thai Index Medicus (searched 1 November 2012), World Bank (searched 2 November 2012), WanFang (searched 3 November 2012), China National Knowledge Infrastructure (CHKD-CNKI) (searched 2 November 2012).

In addition, we searched the reference lists of included studies and carried out a citation search for the included studies via Web of Science to find other potentially relevant studies.

Selection criteria

Randomised controlled trials (RCTs), non-randomised controlled trials (NRCTs), controlled before-after (CBA) studies and Interrupted time series (ITS) studies that evaluated the effects of strategies on increasing health insurance coverage for vulnerable populations. We defined

Strategies for expanding health insurance coverage in vulnerable populations (Review)

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strategies as measures to improve the enrolment of vulnerable populations into health insurance schemes. Two categories and six specified strategies were identified as the interventions.

Data collection and analysis

At least two review authors independently extracted data and assessed the risk of bias. We undertook a structured synthesis.

Main results

We included two studies, both from the United States. People offered health insurance information and application support by community-based case managers were probably more likely to enrol their children into health insurance programmes (risk ratio (RR) 1.68, 95% confidence interval (CI) 1.44 to 1.96, moderate quality evidence) and were probably more likely to continue insuring their children (RR 2.59, 95% CI 1.95 to 3.44, moderate quality evidence). Of all the children that were insured, those in the intervention group may have been insured quicker (47.3 fewer days, 95% CI 20.6 to 74.0 fewer days, low quality evidence) and parents may have been more satisfied on average (satisfaction score average difference 1.07, 95% CI 0.72 to 1.42, low quality evidence).

In the second study applications were handed out in emergency departments at hospitals, compared to not handing out applications, and may have had an effect on enrolment (RR 1.5, 95% CI 1.03 to 2.18, low quality evidence).

Authors' conclusions

Community-based case managers who provide health insurance information, application support, and negotiate with the insurer probably increase enrolment of children in health insurance schemes. However, the transferability of this intervention to other populations or other settings is uncertain. Handing out insurance application materials in hospital emergency departments may help increase the enrolment of children in health insurance schemes. Further studies evaluating the effectiveness of different strategies for expanding health insurance coverage in vulnerable population are needed in different settings, with careful attention given to study design.

PLAIN LANGUAGE SUMMARY

Strategies for expanding health insurance coverage in vulnerable populations

Researchers in The Cochrane Collaboration conducted a review of the effect of strategies to increase the number of people from vulnerable populations that are enrolled into health insurance programmes. They searched for all relevant studies and found two studies. Their findings are summarised below.

What is a health insurance programme?

Governments in many countries offer healthcare services at low rates or free of charge to all their citizens, often paying for these services through taxes. However, in many developing countries and some developed countries this is not the case. In these countries, many people get their healthcare expenses covered through government health insurance programmes, which are often paid for through membership fees. But certain groups of people, such as children, the elderly, women, people with low incomes, people living in rural areas, racial and ethnic minorities, immigrants, and people with chronic diseases or disabilities, are less likely to be members of these programmes even though they are more likely to have health problems.

In some of these countries governments have tried to make sure that health insurance programmes cover these vulnerable groups. One way of doing this is to improve the design of the programme. For instance, governments can change the rules for who can join the programme or they can make it cheaper to join. But even if a programme is well-designed, people may still not join it. For instance, they may not know that they can become members or they may find the application process too difficult. To address these problems, for instance, governments can give people more information about the programme and who can join, or can make the application process easier.

What this research says

Both studies in this review took place in the USA and were aimed at uninsured children. In the first study, case managers contacted the families of uninsured Latin American children, gave them information about health insurance, helped them apply, and helped them appeal when a wrong decision was made. In the second study, insurance application forms were handed out to the families of children visiting hospital emergency departments. In both studies, these families were compared to families who were not given additional information or support. The studies showed the following:

People who are offered health insurance information and application support:

- are probably more likely to enrol their children into health insurance programmes (moderate quality evidence);
- are probably more likely to continue insuring their children (moderate quality evidence);
- may be quicker at getting insurance (low quality evidence);

Strategies for expanding health insurance coverage in vulnerable populations (Review)

- may be more satisfied with the process of enrolment (low quality evidence).

People who are given insurance application forms in the emergency departments of hospitals:

- may be more likely to enrol their children into health insurance programmes (low quality evidence).

No unwanted effects were reported in the studies. A possible unwanted effect might be that people could experience the information and support as annoying or unhelpful. However, in the one study that measured the parents' satisfaction, people were more satisfied when given information and support.

A summary of this review for policy-makers is available [here](#)

SUMMARY OF FINDINGS

Summary of findings for the main comparison. Information and application support compared to no intervention

Awareness and application support compared to no intervention

Patient or population: Children with no health insurance
Settings: USA (urban Latino American community in Boston)
Intervention: Awareness and application support
Comparison: No intervention

| Outcomes (11-month follow up) | Comparative risks* (95% CI) | | Relative effect (95% CI) | No of participants (studies) | Quality of the evidence (GRADE) | Comments |
|--|-----------------------------|--|----------------------------------|---------------------------------|--------------------------------------|---|
| | Without intervention | With awareness and application support | | | | |
| Enrolment | 574 per 1000 | 964 per 1000 (827 to 1000) | RR 1.68 (1.44 to 1.96) | 257 (1 study) | ⊕⊕⊕⊖ moderate ¹ | RR calculation based on number of events imputed from percentage and number of participants measured |
| Continuous enrolment | 303 per 1000 | 785 per 1000 (591 to 1000) | RR 2.59 (1.95 to 3.44) | 257 (1 study) | ⊕⊕⊕⊖ moderate ¹ | Same comment as above |
| Mean time to obtain insurance | 134.8 days | 87.5 days (60 to 114.2 days) | - | 200 (1 study) | ⊕⊕⊕⊖ low ^{1,3} | Outcome was only measured for children obtaining insurance |
| Parental satisfaction with process of enrolment ² (measured on a scale from 1=very satisfied to 5=very unsatisfied) | 2.40 | 1.33 (0.98 to 1.68) (increased satisfaction) 2 | - | 173 (1 study) | ⊕⊕⊕⊖ low ^{1,4} | Outcome only measured in respondents at final follow-up. Parents in the intervention group were on average between satisfied and very satisfied compared to parents without the intervention, who were on average between uncertain and satisfied |

*The basis for the **assumed risk** (e.g. the median control group risk across studies) is provided in footnotes. The **corresponding risk** (and its 95% confidence interval) is based on the assumed risk in the comparison group and the **relative effect** of the intervention (and its 95% CI).

CI: Confidence interval; **RR:** Risk ratio

GRADE Working Group grades of evidence

High quality: Further research is very unlikely to change our confidence in the estimate of effect.

Moderate quality: Further research is likely to have an important impact on our confidence in the estimate of effect and may change the estimate.

Low quality: Further research is very likely to have an important impact on our confidence in the estimate of effect and is likely to change the estimate.

Very low quality: We are very uncertain about the estimate.

- 1 Downgraded by 1 for indirectness. The RCT has a low risk of bias, but only targeted Latino American children, and the intervention involved a specially trained case manager. The estimates of effect are based on one study in an urban Latino American community in Boston, so it is uncertain whether the intervention would have similar effects in other settings
- 2 Parental satisfaction score was examined with Likert scale scores where 1 = very satisfied, 2 = satisfied, 3 = uncertain, 4 = dissatisfied, 5 = very dissatisfied
- 3 Downgraded by 1 for imprecision, the confidence intervals are wide and the sample size is small
- 4 Downgraded by 1 for imprecision. The total sample size is less than 400. And the average category is one above baseline, but the confidence intervals include no change and very satisfied in some respondents

Summary of findings 2. Handing out applications in emergency departments of hospitals compared to no intervention

Handing out applications in emergency departments of hospitals compared to no intervention

Patient or population: Children with no health insurance

Settings: USA (4 inner-city hospitals in 4 cities: New York City, NY; Baton Rouge, Louisiana; Chicago, Ill; Miami, Florida)

Intervention: Handing out applications in emergency departments of hospitals

Comparison: No intervention

| Outcomes (90 days follow up) | Comparative risks* (95% CI) | | Relative effect (95% CI) | No of participants (studies) | Quality of the evidence (GRADE) | Comments |
|---------------------------------|-----------------------------|-------------------------------------|---------------------------------|---------------------------------|---------------------------------------|--|
| | Without intervention | With intervention | | | | |
| Enrolment | 278 per 1000 | 417 per 1000 (286 to 606) | RR 1.5 (1.03 to 2.18) | 223 (1 study) | ⊕⊕⊕⊖ low ^{1,2} | RR calculation based on number of events imputed from percentage and number of participants measured |

*The basis for the **assumed risk** (e.g. the median control group risk across studies) is provided in footnotes. The **corresponding risk** (and its 95% confidence interval) is based on the assumed risk in the comparison group and the **relative effect** of the intervention (and its 95% CI).

CI: Confidence interval; **RR:** Risk ratio

GRADE Working Group grades of evidence

High quality: Further research is very unlikely to change our confidence in the estimate of effect.

Moderate quality: Further research is likely to have an important impact on our confidence in the estimate of effect and may change the estimate.

Low quality: Further research is very likely to have an important impact on our confidence in the estimate of effect and is likely to change the estimate.

Very low quality: We are very uncertain about the estimate.

- 1 Downgraded for indirectness. Only one RCT found that evaluated this intervention in 4 city hospitals from 4 cities of US, so it is uncertain whether the intervention would have similar effects in other settings
- 2 Downgraded by 1 for imprecision. The optimal information size criterion (at least 182 in each group) is not met. And the confidence intervals indicate that there could be little or no difference, or a large difference

BACKGROUND

Description of the condition

Health insurance can improve access to health care for the insured population and protect them from the financial burden of diseases. For example, a study found that uninsured children in the US were less likely to have a regular source of primary health care, and they used medical and dental care less often ([Institute of Medicine 2002](#)). Studies from China and the US have revealed that immunisation of children was positively associated with coverage by health insurance schemes ([Arnold 1992](#); [Zhang 1999](#)).

However, for most developing countries and some developed countries which have not achieved universal coverage of health security by a tax-based system or social health insurance, lack of health insurance coverage is still both a social concern and a policy issue. In these countries the particular groups at risk are children, the elderly, women, low-income populations, the rural population, racial or ethnic minorities and immigrants, all of whom are at higher risk of health problems and are more likely to be uninsured. Some researchers have identified that low-income and vulnerable groups are the most likely not to be covered yet are most in need of access to health care and financial protection ([Gilson 2000](#); [Habtom 2007](#); [Hsiao 2007](#)).

To explore strategies that have been used to expand coverage, we took all available literature concerning countries that already had a health insurance programme in place but were planning to expand it to vulnerable populations, including children, the elderly, women, low-income individuals, rural population, racial and ethnic minorities, immigrants, populations with chronic diseases and populations with disability. We mapped out and carefully documented all the strategies used to increase coverage, and the categories we identified are outlined in [Table 1](#). These strategies can be divided into two main categories: a) strategies adopted during design; and b) strategies added to programme implementation.

For those strategies adopted during design, the purpose is to improve the design of health insurance schemes by measures such as modifying eligibility criteria to include more vulnerable populations, setting an appropriate premium level or providing subsidies, or improving the content, price and quality of the health care package. For example, in June 1998 in the US the scheme expanded eligibility for public health insurance up to 250% of the Federal poverty level (FPL) through its State Children Health Insurance Program (SCHIP) for children under 19 years old ([Aizer 2002](#)). In Kabutare (Rwanda), the local church paid the contributions for about 3000 orphans and widows with their family members ([Carrin 2005](#)). In the district of Nouna (Burkina Faso), most of the people took part in the community-based health insurance schemes with the expectation of improvements in quality of care, which the health insurance management team promised during the enrolment campaign ([De Allegri 2006](#)).

However, even if a health insurance scheme is well-designed it does not mean that all eligible people will join it. For example, more than 60% of uninsured children were already eligible for Medicaid or SCHIP in 2002 ([Jacobson 2007](#)). Thus strategies that specifically aim to improve enrolment into existing insurance schemes are very important. Some researchers have explored the barriers to enrolment of potentially eligible children, such as awareness, financial, administrative and geographic barriers. An interview

about children's enrolment in the US SCHIP found that some members of indigenous groups did not know about SCHIP or, if they did know, were still concerned about the potential costs associated with enrolment in the programme, because they were not aware of their eligibility for exemption from premiums and cost-sharing requirements ([Langwell 2003](#)). The complexity of the application process can also be a barrier. A survey of parents indicated that although 93.5% had heard of the insurance programmes for their children, only 48.1% thought the application processes were easy ([Haley 2007](#)). In addition, the requirement for applicants for health insurance to travel to enrolment sites has proved to be a constraint for families in rural or isolated places ([Langwell 2003](#)).

This review assesses the effectiveness of strategies aimed at expanding health insurance coverage for vulnerable populations.

Description of the intervention

Strategies in this review are defined as measures used to expand health insurance coverage. These strategies can mainly be grouped into the following categories ([Meng 2010a](#)).

a) Strategies adopted during design

- **Modifying the eligibility criteria:** this strategy included legislation or regulations to make uninsured populations eligible for health insurance schemes. For example, in the US, in California's poverty expansion programmes for Medicaid infants are eligible for Medicaid if their parents' income is up to 200% of the FPL; children under 6 years old are eligible if it is up to 133%; for children 6 to 15 years up to 100%; and for children 15 years and older up to 83% of the FPL ([Aizer A. 2002](#)).
- **Making the premium affordable:** this refers to use of subsidies or setting suitable premium levels to make insurance schemes affordable for eligible populations. For example, in the Philippines, the premium of the National Health Insurance Program (NHIP) for indigent households was covered by a government fund, the cost of the premiums being shared by the local government and the NHIP ([Bautista MC 1999](#)).
- **Improving healthcare delivery:** this involved improving uptake by the population by covering a wider range of health care, controlling the price of services covered, or improving the quality of health care. For example, by adjusting the co-payment, deductible, ceiling or both, the services covered are made affordable for the eligible population. In the US, the 1982 amendments to Medicaid's original rules eliminated cost-sharing for children ([Mann C 2003](#)).

b) Strategies added to programme implementation

- **Increasing awareness of schemes:** this includes information distribution via television or radio advertisements, telephone hotlines, or through schools or other particular locations to raise awareness of insurance schemes. For example, many states in the US distribute information about SCHIP in venues where target parents and children tend to congregate, including early childhood centres, schools, hospitals and religious institutions ([Andrulis 1999](#)).
- **Modifying enrolment:** this refers to any methods of improving or simplifying the enrolment procedures, including programmes that help families with the paperwork and other aspects of the application; positioning eligibility workers in schools or health facilities; authorising more entities to interview

Strategies for expanding health insurance coverage in vulnerable populations (Review)

applicants; and shared eligibility with other insurance or public programmes. For example, the state government of California worked with community-based organisations to provide application assistance to families who were potentially eligible for Healthy Families (California SCHIP) or Medicaid (Buchmueller 2007). Florida's Healthy Start Program has linked eligibility for Medicaid through the school lunch programme, in which children eligible for the school lunch programme are automatically eligible for health insurance (Secretary of Health and Human Services 1998).

- Improving management and organisation of insurance schemes: this refers to strategies that aim to improve the capacity of insurers to manage the insurance schemes, including better information systems and training staff for better and more effective outreach and management. For example, in order to enrol Latino children, many states in the US have supported staff development and training in cultural competency to include appropriate family members (Zambrana 2004).

Why it is important to do this review

Many strategies for expanding health insurance coverage have been implemented and evaluated. A critical evaluation and systematic summary of the effectiveness of these interventions would help to inform policy makers in adopting interventions for expanding health insurance coverage, particularly as the World Health Organization is recommending increased coverage of social health insurance and other prepayment systems for improving the health financing system in order to achieve universal coverage (WHO 2005).

OBJECTIVES

To assess the effectiveness of strategies for expanding health insurance coverage in vulnerable populations.

METHODS

Criteria for considering studies for this review

Types of studies

The following four types of studies were included:

- randomised controlled trials (RCTs);
- non-randomised controlled trials (NRCTs);
- controlled before-after (CBA) studies, provided that:
 - a. pre- and post-intervention periods for the study and control groups were the same,
 - b. the control site was appropriate (no major baseline differences between the study and control groups),
 - c. there were at least two intervention sites and two control sites;
- interrupted time series (ITS) studies, provided that:
 - a. there was a clearly defined point in time when the intervention occurred,
 - b. there were at least three data points before and three after the intervention.

Types of participants

We included the vulnerable populations who were not covered by any kind of health insurance scheme. Vulnerable populations were

defined as children, the elderly, women, low-income individuals, rural populations, racial or ethnic minorities, immigrants, informal sector workers and populations with disability or chronic diseases.

Health insurance is a health financing mechanism which involves the pooling of eligible individuals' contributions to cover all or part of the costs of certain health services for the eligible population (McIntyre 2007). Some health insurance schemes subsidise or exempt contributions for certain eligible subgroups, for example social health insurance usually subsidises the premium for low-income populations (Hsiao 2007). There are three kinds of health insurance: social health insurance, community-based health insurance, and private health insurance (McIntyre 2007). We did not restrict types of health insurance schemes as long as the health insurance scheme was expanding the coverage of vulnerable people.

Types of interventions

We included both 'strategies added to programme implementation' and 'strategies adopted during design'. We included any interventions that aimed to improve enrolment of vulnerable populations into existing health insurance programmes, including the following.

- Modifying the eligibility criteria: legislation or regulations to make uninsured populations eligible for health insurance schemes.
- Making the premium affordable: subsidies or setting suitable premium levels to make insurance schemes affordable for eligible populations.
- Improving healthcare delivery: improving uptake by the population by covering a wider range of health care, controlling the price of services covered, or improving the quality of health care.
- Increasing awareness of schemes: television or radio advertisements, or information distribution through specific places.
- Modifying enrolment: helping families with the paperwork and the other procedures necessary to apply for health insurance; position of eligibility workers in schools or health facilities; authorising more entities to interview applicants for easier or faster application; shared eligibility with other insurance or public programmes; and other methods for improving application procedures.
- Improving the management and organisation of insurance schemes: improving information systems, and training staff for better management.

Types of outcome measures

Primary outcomes

Enrolment of vulnerable people into health insurance programmes.

Secondary outcomes

We also extracted data on other outcomes, including measures of:

- health service utilisation;
- health status;
- attitude or satisfaction of vulnerable population;
- costs of the interventions; and

- any reported adverse effects.

Search methods for identification of studies

Electronic searches

We searched the following databases and websites :

- Cochrane Central Register of Controlled Trials (CENTRAL), 2012, Issue 7, part of *The Cochrane Library*. www.thecochranelibrary.com (searched 2 November 2012)
- PubMed(NCBI) (1966 to present) (searched 1 November 2012)
- EMBASE (Elsevier Science)(January 1974 to present) (searched 6 July 2012)
- Global Health (January 1973 to present) (searched 6 July 2012)
- International Bibliography in Social Science (IBSS) (January 1951 to present) (searched 6 July 2012)
- Public Affairs Information Service (PAIS) International (January 1972 to present) (searched 6 July 2012)
- British Library for Development Studies (BLDS) (January 1966 to present) (searched 1 November 2012)
- EconLit (January 1969 to present) (searched 1 November 2012)
- ELDIS (The earliest collecting date to present) (searched 1 November 2012)
- IDEAS (Research Papers in Economics) (January 1927 to present) (searched 1 November 2012)
- ISI-Proceedings (January 1990 to present) (searched 1 November 2012)
- JSTOR (January 1665 to present) (searched 1 November 2012)
- National Technical Information Service (NTIS) (1 January 2008 to present)(searched 1 November 2012)
- Popline (January 1970 to present) (searched 1 November 2012)
- ProQuest Dissertation &Theses Database (January 1637 to present) (searched 1 November 2012)
- OpenGrey (changed from OpenSIGLE, the earliest collecting date to present) (searched 1 November 2012)
- WHO Library Database (WHOLIS) (January 1948 to present) (searched 1 November 2012)
- World Bank--Documents & Reports (the earliest collecting date to present) (searched 2 November 2012)
- China National Knowledge Infrastructure (CHKD-CNKI) (January 1915 to present) (searched 2 November 2012)
- WanFang (January 1988 to present) (searched 3 November 2012)
- PsycINFO (January 1967 to present) (searched 6 July 2012)*
- PAHO Library Catalogue (the earliest collection date to present) (searched 10 August 2012)*
- African Index Medicus (the earliest collection date to present) (searched 1 November 2012)*
- ERIC(January 1966 to present) (searched 1 November 2012)*
- HERDIN NeON Database (the earliest collection date to present) (searched 1 November 2012)*
- IndMED (January 1985 to present) (searched 1 November 2012)*
- LILACS (the earliest collection date to present) (searched 1 November 2012)*
- Social Science Research Network (SSRN) (January 1994 to present) (searched 1 November 2012)*
- Thai Index Medicus (the earliest collection date to present) (searched 1 November 2012)*

*For these databases, we searched them from 2010 to present for children and from the earliest collection date to present for other vulnerable populations.The other databases were searched for vulnerable populations from 2008 to present.

The PubMed search strategy includes MeSH terms and free-text terms for vulnerable populations, health insurance and coverage. This search strategy was adapted for the other electronic databases using the appropriate controlled vocabulary and free-text terms. For some simple methods and websites in which advanced or expert search methods are not available, we used combinations of free-text terms for searching. The detailed search strategies used for all databases and websites can be found in [Appendix 1](#).

Search strategies for the previous version of this review ([Meng 2010b](#)) can be found in [Appendix 2](#).

Searching other resources

In addition, we screened the reference lists of all included papers and relevant reviews that were identified. We contacted authors of relevant papers to identify additional studies, including unpublished and ongoing studies. We also carried out a citation search for the included studies via Web of Science to find more potentially relevant studies.

Data collection and analysis

Selection of studies

Titles and abstracts of articles obtained from the searches were screened by at least two authors (LJ, YL, FH, and XW) working independently. We then independently screened the full texts of articles. We resolved any disagreements on inclusion by discussion, with arbitration involving all of the authors.

Data extraction and management

At least two authors independently carried out data extraction using a data extraction form. We extracted the following information: study design, type of intervention, site and duration of the intervention, participants, primary and secondary outcomes. We resolved any disagreements by discussion with a third author or the EPOC contact editor. We managed the data in Word.

Assessment of risk of bias in included studies

We used the suggested risk of bias criteria for EPOC reviews ([EPOC 2013](#)) to assess the risk of bias for objective and subjective outcomes of all included studies. For each criterion, two authors independently described what was reported in the study, commented on the description, and judged the risk of bias. We discussed unresolved disagreements with a third author or the EPOC contact editor.

We summarised the overall risk of bias across criteria for the outcomes of the included studies. For RCTs, NRCTs and CBAs we primarily considered four criteria: baseline outcome measurements; baseline characteristics measurements; incomplete outcome data addressed; and protection against contamination. If these four criteria were all scored 'yes' (met) for the outcome in a study, the summary assessment was that there was a low risk of bias; if one or more key criteria were scored 'unclear' the summary assessment was an unclear risk of bias. If

one or more key criteria were scored 'no', the summary assessment was at high risk of bias.

We assessed the quality of evidence for the outcomes of the included studies using the GRADE approach (GRADE 2008).

Data synthesis

We grouped study results according to the intervention that was evaluated. For the included studies, we presented results in terms of absolute and relative change. We also calculated absolute change from baseline and the difference in absolute changes from baseline because the baseline data were available (Table 2; Table 3). We calculated the unadjusted risk ratios (RR) with 95% confidence intervals for dichotomous outcomes and mean differences (MD) with 95% confidence intervals for continuous outcomes when these were not reported by the authors. The author of the included trial (Flores 2005) did not report the number of events in the intervention and control groups for the dichotomous outcomes, therefore we calculated the number of events using

reported per cent values and the number of participants in whom the corresponding outcome was measured. Because we only found two studies (Flores 2005; Gordon 2005) reporting the effects of two different interventions, we reported the results for the main outcomes for each of these studies separately.

RESULTS

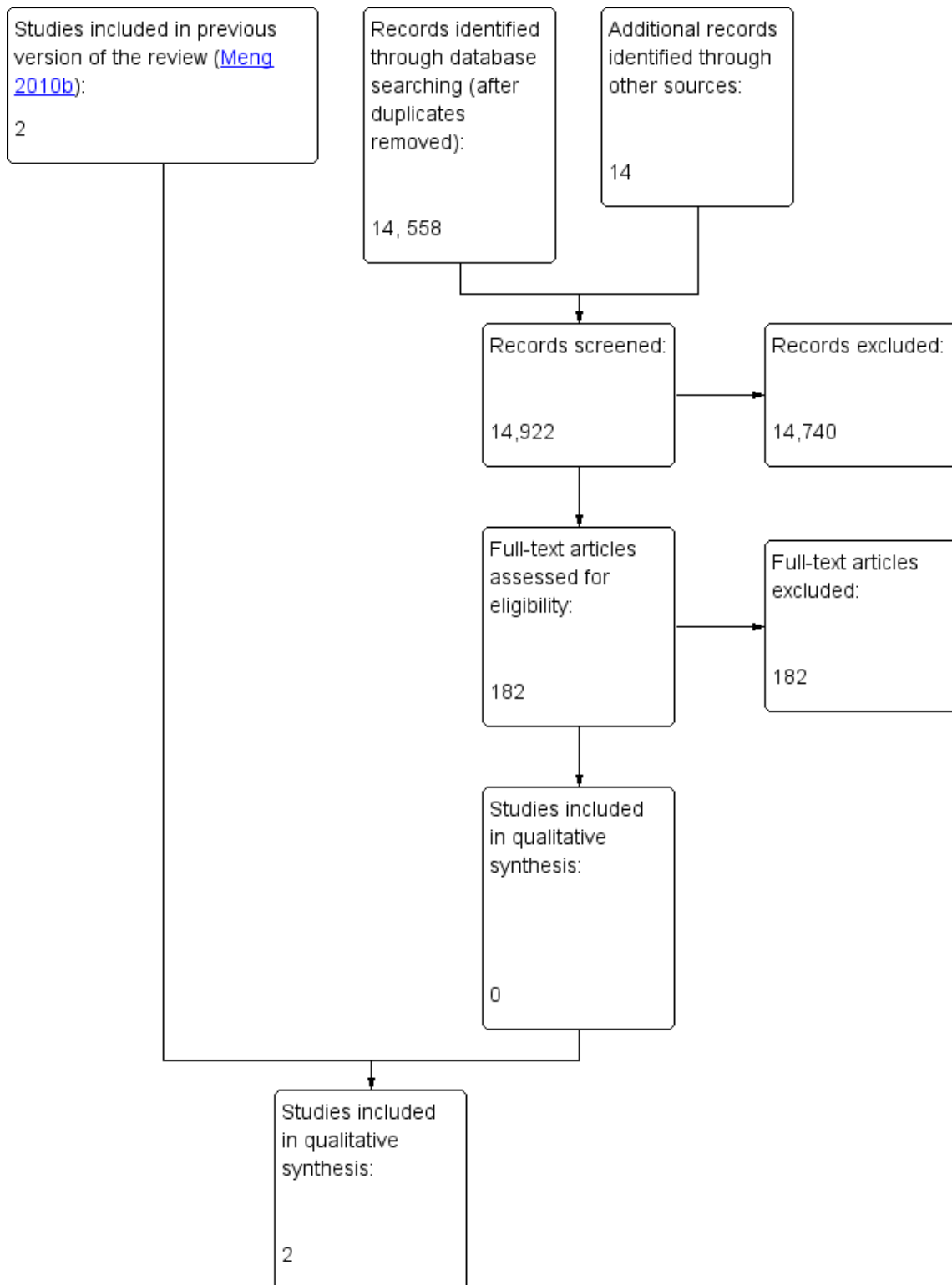
Description of studies

Results of the search

The search yielded 14,922 records from the electronic databases and websites (after removing duplicates). After screening these titles and abstracts, we identified 182 potentially relevant papers about health insurance coverage of vulnerable people. We examined the full texts of these 182 articles and none met our inclusion criteria. Ultimately no new study was included.

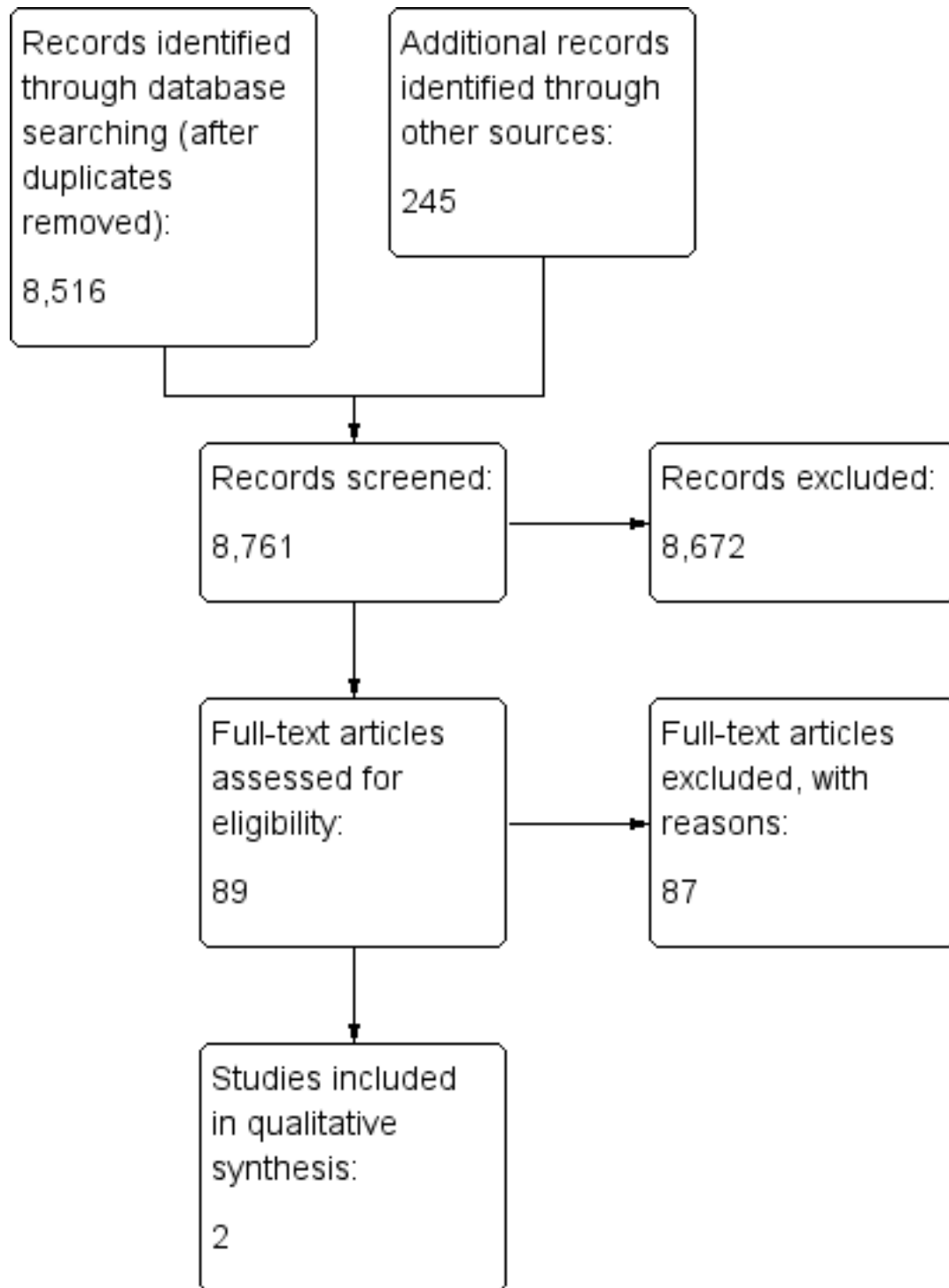
The study flow diagram is presented in Figure 1.

Figure 1. Study flow diagram.



The study flow diagram that presents the results of the previous search (Meng 2010b) can be found in [Figure 2](#).

Figure 2. Study flow diagram for the previous version of the review (Meng 2010b).



Included studies

We included two studies (Flores 2005; Gordon 2005) which took place in the US and targeted children aged 0 to 18 years old. The details of the included studies are summarised in the [Characteristics of included studies](#).

Flores 2005

This RCT (Flores 2005) took place in an urban community in Boston, US and evaluated a strategy of case management for Latino American children. In this trial, 275 participants were randomly assigned to the intervention (n = 139) and control groups (n = 136). The intervention group were allocated trained case managers who advised on eligibility, helped parents complete the forms, liaised with the state service to expedite decisions, helped negotiate with

the state agency responsible for insurance (acting as an advocate), and appealed when a child was inappropriately deemed ineligible for insurance. The control group did not have case managers and were just contacted monthly for 11 months. Beginning one month after the date of study enrolment, the participants were interviewed by telephone or visited monthly for 11 months to measure the outcomes. Four participants from the intervention group and 14 from the control group were lost prior to the first follow-up contact, so 135 (97%) participants from the intervention group and 122 (90%) from the control group were contacted at least once and assessed for the outcomes 'enrolment into health insurance', 'continuously insured' and 'sporadically insured'. The outcome 'mean time to obtain insurance' was only measured for the participants obtaining insurance (this number was derived from the percentage of participants who obtained insurance and the total number of participants). The outcome 'parental satisfaction with process of obtaining insurance' was only measured in the final (11th) month of follow up (97 in the intervention group, 76 in the control group).

Gordon 2005

This NRCT (Gordon 2005), conducted in four US cities, aimed to assess the effect of handing out applications to uninsured children in the emergency department (ED) of hospitals which were considered to be frequented by uninsured children. This trial recruited uninsured children, younger than 18 years, from among the patients visiting the ED into intervention and control group. There were 399 participants who met the inclusion criteria of the trial and were allocated into the intervention or control group. Two hundred and forty-two children (61%) were followed up by both a home interview (interviewing parents or guardians for the child's insurance status) and state follow up (querying state databases to confirm insurance status). Nineteen participants were excluded from the final analysis because they reported receiving other insurance coverage (not Medicaid or SCHIP). The outcome measure of this trial was insurance status of children at about 90 days after the ED visit.

Excluded studies

The [Characteristics of excluded studies](#) table lists the excluded studies and provides reasons for excluding them. Lawler 2005; Gardner 2008; Frenk 2006; Currie 1996; Bitran 2010; Long 2007; Cousineau 2011; Lo Sasso 2004; Hill 1993; Gresenz 2012; Card 2004; Buratto 2004; and Buchmueller 2008 had post-intervention descriptions without controls. In addition, there were before-after studies (Cogan 2008; Kenney 2010; Meyer 2004; Prado 2010; Shore-Sheppard 2000; Souares 2010; Thornton 2010), retrospective studies (Atherly 2012; Barnett 2010; Bowblis 2008; Choi 2011), time

series (Dave 2010; Guy 2010; Zimmer 2011), CBA (Sieben 2000), a cluster-RCT (Chen 2009), and a case control study (Leininger 2007). These studies could not control for some confounding factors.

Half of the studies (Table 4) targeted children and the other half targeted the poor (Table 5), patients with chronic diseases (Table 6), pregnant woman (Table 7), the disabled (Table 8), self-employed and informal sector workers (Table 9) and other vulnerable populations (Table 10).

Risk of bias in included studies

Following the criteria, we have described the summary assessment as below.

Flores 2005

The included RCT (Flores 2005) had a low risk of bias. In this study, a computer-generated, stratified randomisation process was applied for allocation where opaque and sealed envelopes were produced for allocation concealment and research assistants who did not participate in any aspect of the preparation of the randomisation schedules opened the envelopes in the presence of the enrolled participants to inform them of their group assignment. Research assistants for the follow-up interview and outcome assessment were also blinded to group assignment at all times. Only participants were informed that some would get a case manager whereas others would not have a case manager and just be contacted monthly. The follow-up rate was high and was reported clearly.

Gordon 2005

The non-randomised trial (Gordon 2005) had an unclear risk of bias. This trial was located at inner-city hospitals in four cities in the US. A quasi-randomised allocation method was used in this trial: site staff in the EDs of the hospitals enrolled consecutive uninsured children in control and intervention periods; each control period was followed by a matched intervention period during which the staff handed out state-specific SCHIP applications to parents or guardians of the participating children. Study periods ranged from four to 14 days; control and intervention periods were separated by about a week. The overall follow-up rate of this trial was low, with 61% of included participants completing the follow up for outcome measurement at about 90 days after visiting the ED. The characteristics of missing participants and the follow-up rates for the intervention and control groups were not reported in the article.

A methodological graph and a summary can be found in [Figure 3](#) and [Figure 4](#).

Figure 3. Methodological quality graph: review authors' judgements about each methodological quality item presented as percentages across all included studies.

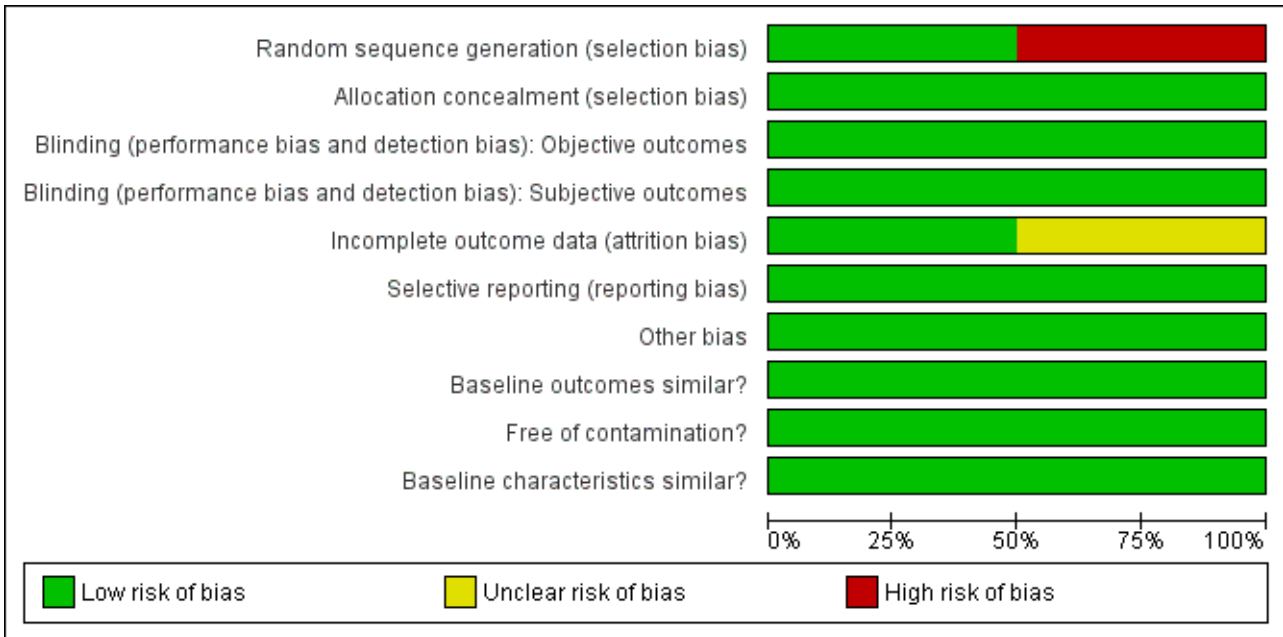


Figure 4. Methodological quality summary: review authors' judgements about each methodological quality item for each included study.

| | Random sequence generation (selection bias) | Allocation concealment (selection bias) | Blinding (performance bias and detection bias): Objective outcomes | Blinding (performance bias and detection bias): Subjective outcomes | Incomplete outcome data (attrition bias) | Selective reporting (reporting bias) | Other bias | Baseline outcomes similar? | Free of contamination? | Baseline characteristics similar? |
|-------------|---|---|--|---|--|--------------------------------------|------------|----------------------------|------------------------|-----------------------------------|
| Flores 2005 | + | + | + | + | + | + | + | + | + | + |
| Gordon 2005 | - | + | + | + | ? | + | + | + | + | + |

Effects of interventions

See: [Summary of findings for the main comparison](#) Information and application support compared to no intervention; [Summary of findings 2](#) Handing out applications in emergency departments of hospitals compared to no intervention

Health insurance information and application support

The RCT (Flores 2005) evaluated the effect of a community-based case manager providing insurance information and application assistance. The outcome measures in this study included enrolment into health insurance, continuously insured, sporadically insured, mean time to obtain insurance, and parental satisfaction with the process of obtaining insurance.

In summary, children receiving community-based case management when compared to children in the control group:

- are probably more likely to enrol their children into health insurance programmes (moderate quality evidence);
- are probably more likely to continue insuring their children (moderate quality evidence);
- may not be quicker at getting insurance (low quality evidence); and
- may not be more satisfied with the process of enrolment (low quality evidence).

In a multivariate analysis, the authors adjusted for potential confounders (the child's age, family income, parental citizenship, parental employment, and the period of policy change in state

coverage of uninsured children). It was found by transforming the odds ratio (OR) the authors reported to the RR that the intervention group was about 1.6 times more likely than the control group to obtain insurance coverage (OR 7.78, 95% CI 5.20 to 11.64 to RR 1.60, 95% CI 1.53 to 1.65).

Handing out applications in the emergency department of hospitals

Gordon's non-randomised trial (Gordon 2005) assessed the effectiveness of handing out state-specific SCHIP applications in the emergency departments (ED) of hospitals. The site staff in four hospitals enrolled uninsured children visiting the ED. There were 399 participants who met the inclusion criteria of the trial and were allocated into the intervention or control group. Two hundred and forty-two participants (61%) were followed up by both home interview (interviewing parents or guardians for the children's insurance status) and state follow up (querying state databases to confirm insurance status). Nineteen participants were excluded from the final analysis because they reported receiving other insurance coverage (not Medicaid or SCHIP).

People who were given insurance application forms in the ED of hospitals may have been more likely to enrol their children into health insurance programmes (low quality evidence). Based on 223 participants (115 intervention group, 108 control group), children receiving SCHIP applications in the ED of a hospital were more likely to be insured by Medicaid or SCHIP at about 90 days after visiting the ED (42% versus 28%; RR 1.50, 95% CI 1.03 to 2.18). By adjusting for potential confounders (age, gender, race, if having public assistance), the multivariate analysis showed that children receiving applications were about 2.1 times more likely to be insured than children in the control group, by transforming the OR the authors reported to the RR (OR 3.8, 95% CI 1.7 to 8.6 to RR 2.13, 95% CI 1.42 to 2.75).

No adverse effects were reported in the studies. A possible side effect might be that people could experience the information and support as annoying or unhelpful. However, in the one study that measured parents' satisfaction, people were more satisfied when given information and support.

DISCUSSION

Summary of main results

This review includes two studies on strategies for expanding insurance coverage of children in the US (Flores 2005; Gordon 2005). One study evaluated a strategy adopted during health insurance scheme design, the other assessed a strategy added to programme implementation.

One randomised trial (Flores 2005) evaluated the effects of a community-based case manager who provided health insurance information and application assistance to Latino American children. It provides moderate quality evidence that this outreach intervention improves the enrolment of children into health insurance schemes and keeps them in health insurance, but provides low quality evidence that this intervention could shorten the application time. One non-randomised trial (Gordon 2005) assessed the effect of handing out insurance applications in EDs of hospitals. It provides low quality evidence that this intervention increases enrolment of children into health insurance schemes.

No adverse outcomes were reported and the cost of the interventions was not reported.

Overall completeness and applicability of evidence

The included studies are both from the US, where children's health insurance is clearly a concern of policy makers and researchers. We identified a great many US studies about children's health insurance coverage. We found some evidence for expanding health insurance for patients with chronic diseases in Chile (Bitran 2010), self-employed people in Colombia (Prado 2010), low-income people in Burkina Faso and Mexico (Frenk 2006; Souares 2010), informal sector workers in Nicaragua (Thornton 2010) but these were observational studies with a high risk bias and did not meet our inclusion criteria.

The first included study (Flores 2005) targeted Latino American children. The intervention in this study was specially designed in one district, and implementation of the intervention needed trained case managers who were bilingual Latina women recruited through job listings posted in the employment offices of local colleges and universities. All these factors may limit the applicability of the evidence from this study to other groups of children in other areas. The second included study targeted all uninsured children visiting four geographically diverse hospital EDs, suggesting that the effects of handing out applications in EDs are more likely to be broadly applicable in the US.

Since the US Congress enacted the SCHIP in 1997 (Flores 2005), federal and state governments both appropriated funds for expanding Medicaid to cover more children or to establish separate health insurance programmes for more children. Furthermore, Medicaid and SCHIP are relatively complicated insurance schemes in terms of eligibility assessment and enrolment procedures, which involve verifying the eligibility status of families who apply for insurance for their children (Carpenter 1998). These special contexts in the studies conducted in the US probably limit the applicability of the evidence to other countries with different insurance schemes. Other key explanatory factors such as the characteristics of different kinds of vulnerable populations and health insurance schemes (insurers, payers, policy) that will influence the effects of strategies should be considered in future update, if enough studies are included.

Quality of the evidence

The included randomised trial (Flores 2005) has a low risk of bias but only targeted Latino American children, so the evidence based on this study is only indirectly relevant to children generally. In addition, the intervention in this trial is quite specific with specially trained case managers, which may not be relevant, possible, or practical in other places. Overall, therefore, the evidence from this trial for the primary outcomes (enrolment and continuous enrolment) is of moderate quality (Summary of findings for the main comparison). For the two continuous outcomes (mean time to obtain insurance and parental satisfaction) the evidence was downgraded to low quality for imprecision, because the total sample size is not big enough. The non-randomised trial (Gordon 2005) has an unclear risk of bias in terms of its design and implementation, but the sample size of this study is less than the optimal size so the evidence on the effects of handing out application materials in hospital EDs is of low quality (Summary of findings 2).

Agreements and disagreements with other studies or reviews

There have been several literature reviews (Andrulis 1999; Dunbar 1999; Laschober 2000; Secretary of Health and Human Services 1998; Zambrana 2004) describing the studies and experiences of using strategies for expanding health insurance coverage. However, these reviews did not aim to assess the effectiveness of interventions and they did not transparently appraise the quality of the evidence.

AUTHORS' CONCLUSIONS

Implications for practice

Based on the evidence included in this review, the findings suggest that intensive case management, providing insurance information, application assistance and communicating with the insurer to assist with enrolment probably help increase insurance coverage of children in the US. The applicability of these findings to other countries with different health insurance schemes is uncertain.

Implications for research

There is a dearth of robust studies evaluating the effects of strategies for expanding health insurance coverage in vulnerable populations.

Many observational studies exist, however they do not provide reliable evidence on the effects of strategies to expand health insurance coverage in vulnerable populations. Further research should use well-designed randomised trials or quasi-experimental methods to help evaluate specific strategies. Many other types of strategies are used for expanding health insurance coverage of vulnerable populations, but the effects of those strategies are uncertain. Well-designed evaluations of strategies used by other kinds of health insurance schemes for other vulnerable populations in other countries besides the US are needed.

ACKNOWLEDGEMENTS

This review was funded by the Alliance for Health Policy and Systems Research, World Health Organization. Technical support and funding for open access for the review was provided through the Effective Health Care Research Consortium for which Paul Garner is a lead contact and which is funded by UK aid from the UK Government Department for International Development. Particular thanks to Andy Oxman for considerable support at all stages of the review process.

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CHARACTERISTICS OF STUDIES
Characteristics of included studies [ordered by study ID]
Flores 2005

| | |
|---------------|--|
| Methods | RCT |
| Participants | 0 to 18 years old, uninsured (for ≥ 3 months) Latino children and their parents from 2 communities in the US; 139 in intervention and 136 in control Recruited from May 2002 to September 2003 |
| Interventions | Intervention: increasing information and providing application assistance (community-based trained case managers provided information on programme eligibility, helped families complete insurance applications, acted as a family liaison with Medicaid/SCHIP, and assisted in maintaining coverage) Control: no information or application assistance (no case manager) |
| Outcomes | Health insurance coverage: determined in interview (began 1 month after date of study) with the parent and confirmed through inspection of the coverage notification letter received by the family Continuously covered: insured continuously through 11-month follow up Sporadically insured: obtaining insurance but then losing coverage at any time during the 11-month follow up Days to obtaining coverage: interval between date of the participant's recruitment and the date when they reported obtaining coverage |

Strategies for expanding health insurance coverage in vulnerable populations (Review)

Flores 2005 (Continued)

Parental satisfaction with the process of obtaining coverage

Notes —

Risk of bias

| Bias | Authors' judgement | Support for judgement |
|---|--------------------|---|
| Random sequence generation (selection bias) | Low risk | Computer-generated, stratified randomisation process |
| Allocation concealment (selection bias) | Low risk | Sequentially numbered, opaque, sealed envelopes were produced for each community site |
| Blinding (performance bias and detection bias) Objective outcomes | Low risk | <p>The primary outcomes are objective</p> <p>Research assistants who did not participate in any aspect of preparation of randomisation schedules opened the envelopes in the presence of enrolled participants, to inform them of their group assignment</p> <p>Research assistants for follow-up interview and outcome measurement were also blinded to group assignment at all times</p> <p>Participants knew they would be in the intervention or control group after allocation</p> |
| Blinding (performance bias and detection bias) Subjective outcomes | Low risk | <p>Parental satisfaction is subjective</p> <p>Research assistants who did not participate in any aspect of preparation of the randomisation schedules opened the envelopes in the presence of enrolled participants to inform them of their group assignment</p> <p>Research assistants for the follow-up interview and outcome measurement were also blinded to group assignment at all times</p> <p>Participants knew they were in the intervention or control group after allocation</p> |
| Incomplete outcome data (attrition bias) All outcomes | Low risk | Loss to follow up is clearly explained. There was a slight but statistically significant difference in subjects lost to follow up before follow-up interviews (3% of the intervention group versus 9% of the control group: $P = 0.04$) |
| Selective reporting (reporting bias) | Low risk | Every outcome in the Methods section is reported |
| Other bias | Low risk | No other bias was found |
| Baseline outcomes similar? | Low risk | All the participants in the intervention and control group were uninsured |
| Free of contamination? | Low risk | The individuals were randomised and all participants knew they would be in the intervention or control group. For parents in the intervention group, case managers provided information on health insurance and assistance in obtaining insurance. It was impossible for parents in the control group to get assistance from case managers, however it was possible that some parents in the control group could get some information on insurance and its application from parents in the intervention groups if they were neighbours or knew each other. However, this potential contamination could not change the effect of the intervention. |

Flores 2005 (Continued)

| | | |
|-----------------------------------|----------|---|
| Baseline characteristics similar? | Low risk | No significant differences between the 2 groups in 5 characteristics. Some differences in the number of parents employed full-time, and recruitment time of participants between intervention and control group |
|-----------------------------------|----------|---|

Gordon 2005

| | | |
|---------------|--|--|
| Methods | NRCT | |
| Participants | Patients aged 18 years or younger visiting the Emergency Department (ED) of 4 inner-city hospitals in 4 US cities during 2001 to 2002: New York City, NY; Baton Rouge, Louisiana; Chicago, Ill; and Miami, Florida Children's accompanying family member self-reported the children without any insurance; no insurance status being confirmed by hospitals' administrative database Exclusions: children presenting to the ED in acute distress, children admitted to the hospital or leaving the ED without treatment or against advice, children having repeat visits 399 in both intervention and control groups were recruited | |
| Interventions | Intervention: handing out applications in the ED (site staff in the ED handed out state-specific SCHIP applications to the parent or guardian of participating children) Control: no intervention | |
| Outcomes | Medicaid or SCHIP-insured status at 90 days | |
| Notes | — | |

Risk of bias

| Bias | Authors' judgement | Support for judgement |
|---|--------------------|--|
| Random sequence generation (selection bias) | High risk | Quasi-randomisation method used: time was separated into control and intervention periods (4 to 14 days per period) and each control period was followed by a matched intervention period during which visiting patients meeting the inclusion criteria were recruited into intervention groups |
| Allocation concealment (selection bias) | Low risk | Allocation unit was study period: patients visiting in the intervention or control period were allocated to the corresponding intervention or control group. Each study period ranged from 4 to 14 days; each control period was followed by a matched intervention period; control and intervention periods were separated by about a week |
| Blinding (performance bias and detection bias) Objective outcomes | Low risk | <p>The outcome 'insurance status' is objective</p> <p>No information on whether site staff measuring outcomes in follow up knew the group assignment of children; no information on whether participants knew they were in the intervention or control group after allocation. However, these could not influence the judgement of objective outcome</p> |
| Blinding (performance bias and detection bias) Subjective outcomes | Low risk | No subjective outcomes |
| Incomplete outcome data (attrition bias) All outcomes | Unclear risk | 399 were recruited in both intervention and control group; 242 (61%) completed follow up, but there was no information on the differences in follow-up rate between the intervention and control group; and no information on the characteristics of missing subjects |

Gordon 2005 (Continued)

| | | |
|--------------------------------------|----------|--|
| | | 223 (115 in intervention group; 108 in control group) were used for analysis because 19 (8%) subjects were excluded for reporting receiving other insurance (not Medicaid or SCHIP) |
| Selective reporting (reporting bias) | Low risk | Every outcome in the Methods section is reported |
| Other bias | Low risk | No other bias was found |
| Baseline outcomes similar? | Low risk | All the participants in intervention and control group were uninsured |
| Free of contamination? | Low risk | Allocation unit is study period, and control and intervention periods were separated by about a week, so it was impossible for subjects in the control periods to receive SCHIP applications |
| Baseline characteristics similar? | Low risk | There were no significant differences in demographic characteristics among control and intervention groups |

CCT = controlled clinical trial; ED = emergency department; RCT = randomised controlled trial; SCHIP = State Children Health Insurance Program.

Characteristics of excluded studies [ordered by study ID]

| Study | Reason for exclusion |
|----------------------------------|--|
| Aizer 2002 | Modelling study using longitudinal data to evaluate multiple policies across multiple jurisdictions without controlling for potential confounders across jurisdictions |
| Aizer 2006 | Modelling study using longitudinal data before and after interventions, but not available for re-analysis |
| Atherly 2012 | Retrospective cohort study |
| Bansak 2007 | Modelling study using longitudinal data to evaluate multiple policies across multiple jurisdictions without controlling for potential confounders across jurisdictions |
| Barnett 2010 | A retrospective, medical record review study |
| Bitran 2010 | Post-intervention description and lack of control |
| Bowblis 2008 | Retrospective cohort study |
| Brown 2004 | Post-intervention description and lack of control |
| Buchmueller 2008 | Post-intervention description and lack of control |
| Buratto 2004 | Post intervention description and lack of control |
| Card 2004 | Time series study |
| Carter 2006 | Longitudinal repeated measurements after interventions, but no measurements before interventions and no control group |
| Chen 2009 | Cluster-RCT, but only one site in each comparison group |

Strategies for expanding health insurance coverage in vulnerable populations (Review)

| Study | Reason for exclusion |
|-------------------|--|
| Choi 2011 | Retrospective cohort study |
| Cogan 2008 | Not comparative, before-after study |
| Cousineau 2007 | Post-intervention description and lack of control |
| Cousineau 2011 | Non-comparative, descriptive study |
| Currie 1996 | Non-comparative, descriptive study |
| Dave 2010 | Time series from 1985 to 1996, no clear intervention time point |
| Davidoff 2005 | Controlled before-after study, but the baseline was very different between the treatment groups and comparison groups |
| Dutton 2000 | Post-intervention survey and lack of control |
| Frenk 2006 | Longitudinal surveys and lack of control |
| Gardner 2008 | Post-intervention description and lack of control |
| Gordon 2001 | Prospective observational study after intervention and no control group |
| Gresenz 2012 | Post-intervention description and lack of control |
| Guy 2010 | Time series post-intervention, no data before intervention |
| Hill 1993 | Post-intervention description and lack of control |
| Hill 2008 | Analysed longitudinal data after intervention and lack of control |
| Jacobson 2007 | Post-intervention description and lack of control |
| Kenney 2010 | Controlled before-after study with only one intervention site |
| Kincheloe 2004 | Cross-sectional study |
| Lawler 2005 | Post-intervention descriptive study |
| Lee 2008 | Modelling study using longitudinal data to evaluate multiple policy characteristics without controlling for possible confounding factors |
| Leininger 2007 | Case-control study |
| Lichtenstein 2005 | Qualitative study |
| Lo Sasso 2004 | Observational study, not comparative |
| Long 2007 | Non-comparative, descriptive study |
| Mahajan 2005 | Post-intervention description and absence of control |
| Meyer 2004 | Qualitative study |
| Prado 2010 | Before and after intervention in Colombia, but lack of control |

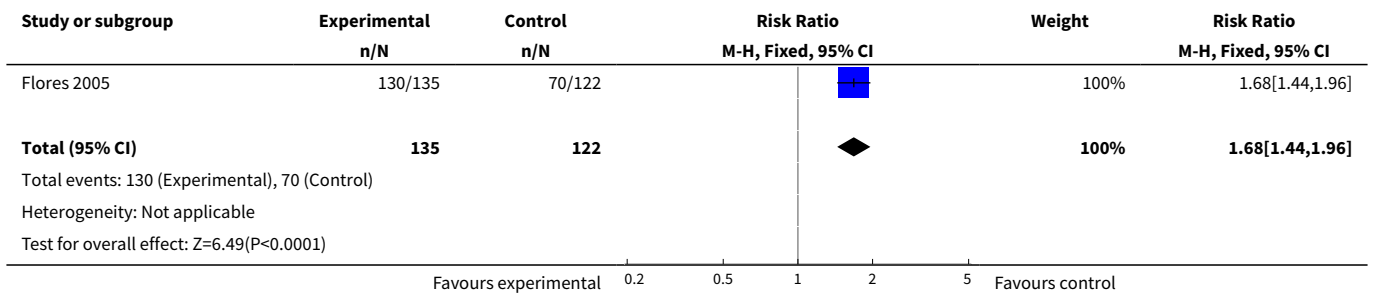
| Study | Reason for exclusion |
|---------------------|--|
| Ray 2006 | Qualitative study |
| Shore-Sheppard 2000 | Before and after intervention, but lack of control |
| Sieben 2000 | Choice of control sites is not appropriate because there were significant baseline differences between participants from intervention and control sites for most characteristics, such as race/ethnicity, birthplace, language, employment status and baseline insurance coverage. The data are not enough for re-analysis |
| Souares 2010 | Before-after study and absence of control |
| Thornton 2010 | Before and after intervention, but lack of control |
| Wada 2006 | Post-intervention description and absence of control |
| Wolfe 2005 | Analysed pool of 2-year data to evaluate multiple insurance policy characteristics with potential confounding factors |
| Ziegenfuss 2008 | Modelling study using longitudinal data before and after interventions, but not available for re-analysis |
| Zimmer 2011 | Time series study. Two data points before intervention, three data points after intervention |

DATA AND ANALYSES

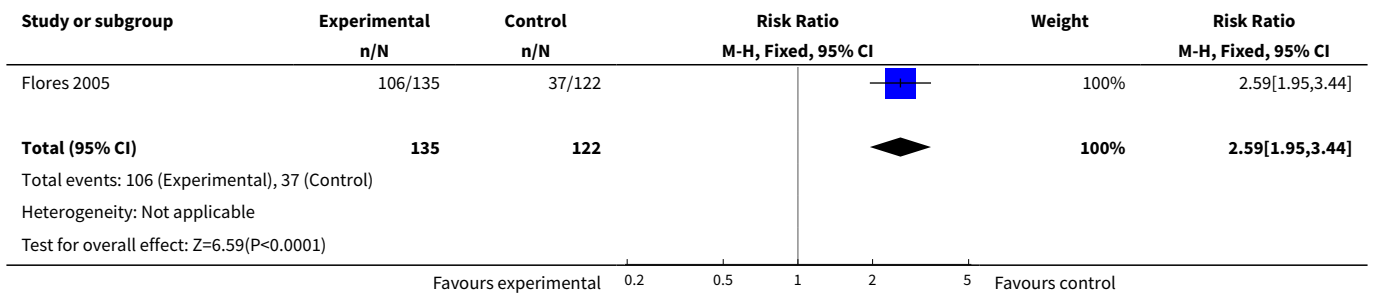
Comparison 1. Awareness and application support versus no intervention

| Outcome or subgroup title | No. of studies | No. of participants | Statistical method | Effect size |
|---|----------------|---------------------|-------------------------------------|-------------------------|
| 1 Enrolment | 1 | 257 | Risk Ratio (M-H, Fixed, 95% CI) | 1.68 [1.44, 1.96] |
| 2 Continuous enrolment | 1 | 257 | Risk Ratio (M-H, Fixed, 95% CI) | 2.59 [1.95, 3.44] |
| 3 Sporadic enrolment | 1 | 257 | Risk Ratio (M-H, Fixed, 95% CI) | 0.66 [0.41, 1.05] |
| 4 Mean time to obtain insurance | 1 | 200 | Mean Difference (IV, Fixed, 95% CI) | -47.30 [-73.98, -20.62] |
| 5 Parental satisfaction with process of enrolment | 1 | 173 | Mean Difference (IV, Fixed, 95% CI) | -1.07 [-1.42, -0.72] |

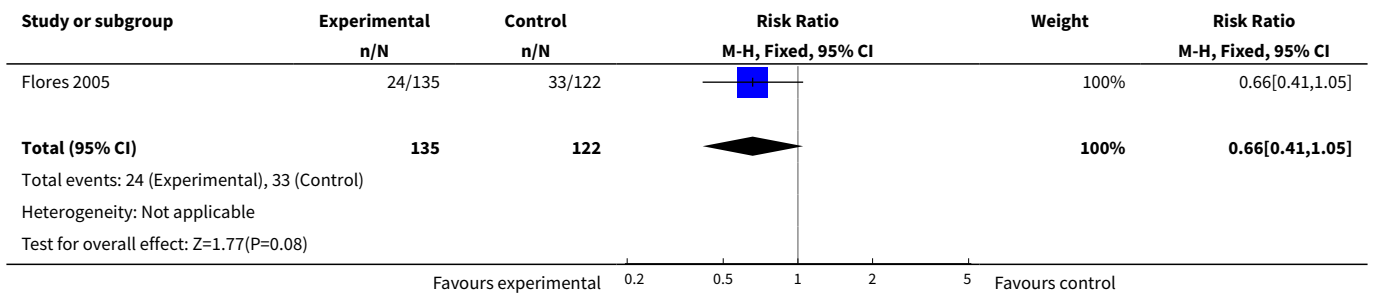
Analysis 1.1. Comparison 1 Awareness and application support versus no intervention, Outcome 1 Enrolment.



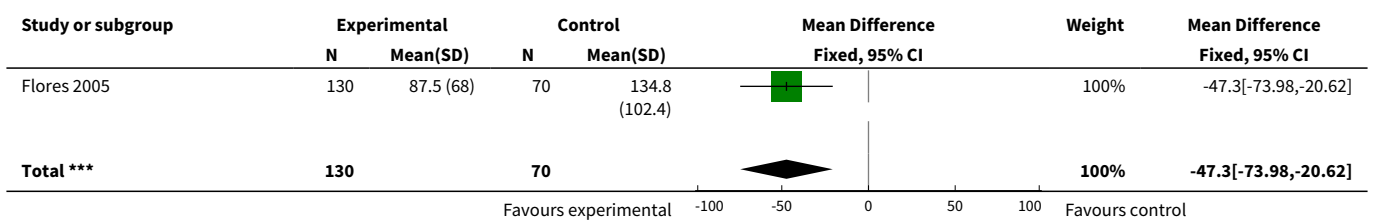
Analysis 1.2. Comparison 1 Awareness and application support versus no intervention, Outcome 2 Continuous enrolment.

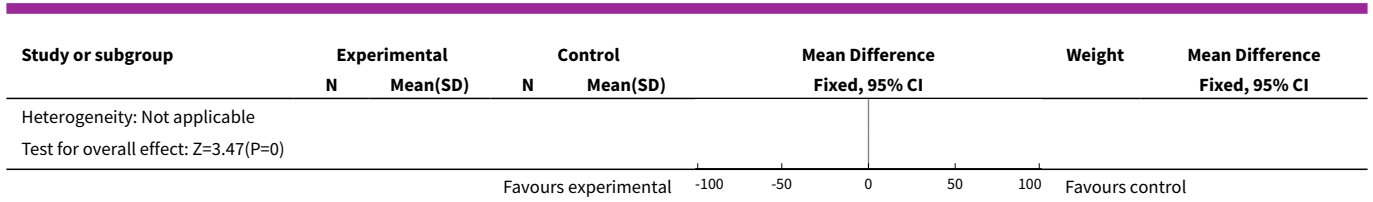


Analysis 1.3. Comparison 1 Awareness and application support versus no intervention, Outcome 3 Sporadic enrolment.

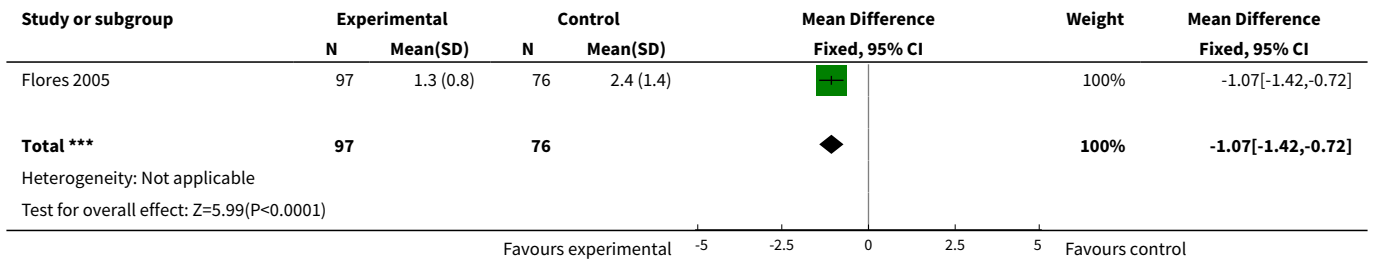


Analysis 1.4. Comparison 1 Awareness and application support versus no intervention, Outcome 4 Mean time to obtain insurance.





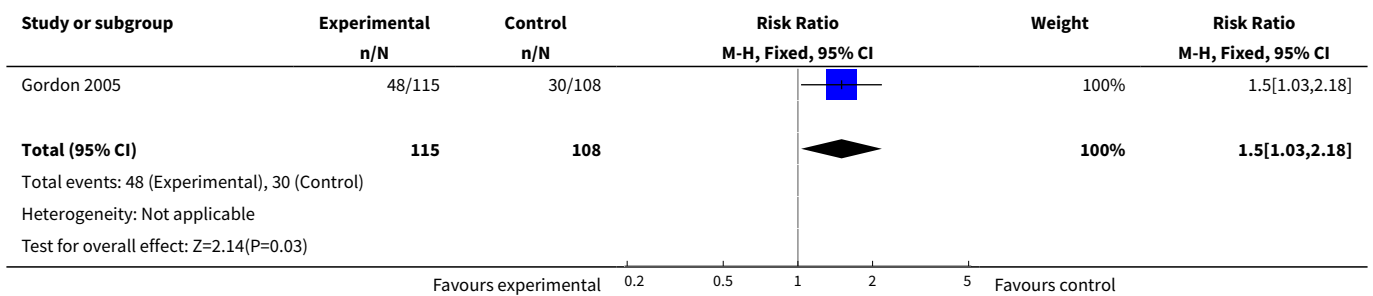
Analysis 1.5. Comparison 1 Awareness and application support versus no intervention, Outcome 5 Parental satisfaction with process of enrolment.



Comparison 2. Handing out applications versus no intervention

| Outcome or subgroup title | No. of studies | No. of participants | Statistical method | Effect size |
|---------------------------|----------------|---------------------|---------------------------------|-------------------|
| 1 Enrolment | 1 | 223 | Risk Ratio (M-H, Fixed, 95% CI) | 1.50 [1.03, 2.18] |

Analysis 2.1. Comparison 2 Handing out applications versus no intervention, Outcome 1 Enrolment.



ADDITIONAL TABLES

Table 1. Strategies to expand health insurance

| Strategies | Contents |
|--|---|
| Improving design of health insurance schemes | <ul style="list-style-type: none"> Modifying the eligibility criteria Making the premium affordable |

Table 1. Strategies to expand health insurance (Continued)

| | |
|---|---|
| | <ul style="list-style-type: none"> Improving health care delivery |
| Improving implementation of insurance schemes (outreach strategies) | <ul style="list-style-type: none"> Increasing awareness of schemes and benefits Modifying enrolment Improving management and organization of insurance schemes |

Table 2. Effect of awareness and application support

| Study | Outcome measure | Absolute change from baseline in control group | Absolute change from baseline in intervention group | Difference in absolute change from baseline | Absolute change (post) | Relative percentage change (post) |
|-------------|---|--|---|---|------------------------|-----------------------------------|
| Flores 2005 | Enrolment | 57% | 96% | 39% | 39% | 68.4% |
| | Continuous enrolment | 30% | 78% | 48% | 48% | 160% |
| | Sporadic enrolment | — | — | — | -9% | -33.3% |
| | Mean time to obtain insurance | — | — | — | -47.3 | -35.1% |
| | Parental satisfaction with process of enrolment | — | — | — | -1.07 | -44.6% |

Table 3. Effect of handing out applications in emergency department of hospitals

| Study | Outcome measure | Absolute change from baseline in control group | Absolute change from baseline in intervention group | Difference in absolute change from baseline | Absolute change (post) | Relative percentage change (post) |
|-------------|-----------------|--|---|---|------------------------|-----------------------------------|
| Gordon 2005 | Enrolment | 28% | 42% | 14% | 14% | 50% |

Table 4. Characteristics of excluded studies – for children

| Study | Methods | Participants | Intervention | Outcomes |
|--------------------|---|--|---|--|
| Chen 2009 | Non-randomised controlled trial: Two intervention group and a control group | Korean American children in kindergarten through fifth grade, at 3 elementary schools in Los Angeles, California | 1) outreach (moderate intervention group) 2) application assistance (intensive intervention group) | 1) application rate 2) enrolment |
| Sieben 2000 | Non-randomised controlled trial | low-income parents with children uninsured at three neighbourhood WIC sites in South Brooklyn (intervention group) and three WIC sites in Queens | 1) outreach 2) education 3) enrolment assistance | 1) enrolment 2) awareness of Medicaid and CHP |

Table 4. Characteristics of excluded studies – for children (Continued)

| | | | | |
|-------------------------|---|--|---|--|
| Atherly 2012 | Retrospective cohort study | individuals with incomes below 200 percent of the federal poverty level (FPL) in six HIFA (Health Insurance Flexibility and Accountability) states (intervention group) and in non-HIFA states in US | 1) expanded eligibility for public insurance 2) subsidising | insurance coverage rate |
| Buchmueller 2008 | Post-intervention description and lack of control | children who are less than 18 years old in non-native families and native families(migrant children) in US | 1) adjust the income eligibility limits 2) simplifying the application and enrolment process | the increase of enrolment rate |
| Buratto 2004 | Post-intervention description and lack of control | uninsured children under age 19 in Louisiana, US | the LaCHIP Program 1) programmatic and procedural reforms and simplifications 2) Spanish and Vietnamese applications and language assistance 3) expanded Community CARE program linking children to a "medical home" | increased enrolment |
| Card 2004 | Post-intervention description and lack of control | 1) low-income children under 6 in US 2) children born after September 30, 1983 with family income below the AFDC income threshold, regardless of family structure | 1) OBRA 1989: the "133 percent" expansion covering children under the age of six 2) OBRA 1990: the "100 percent" expansion covering children born after September 30, 1983 | increase in Medicaid coverage |
| Choi 2011 | Retrospective cohort study; | all civilian non-institutionalised children, ages 1 to 18 years in US | raise income thresholds for eligibility | 1) insurance coverage for children from different income-level families 2) insurance coverage for children from different racial and ethnic |
| Gresenz 2012 | Post-intervention description and lack of control | 157,315 children in families with incomes between 200% and 400% of the FPL in US | 1) increased their income eligibility threshold for CHIP 2) a variety of program modifications intended to enhance take-up | 1) take up public coverage 2) drop private coverage 3) the number of uninsured children |
| Hill 1993 | Post-intervention description and lack of control | low-income children in U.S. | expand eligibility based upon age or income | 1) the number of children enrolled 2) the utilization of service |

Table 4. Characteristics of excluded studies – for children (Continued)

| | | | | |
|----------------------------|---|---|---|--|
| Leininger 2007 | Case-control study. | 1) adolescents in families with incomes between 50-100% FPL living in expansion states, U.S. 2) children ages 6-13 in families with incomes between 50-100% FPL living in these same states US | 1) extend eligibility to older children(18-year-old) 2) increase the income thresholds | 1) public coverage 2) private coverage 3) the decline of uninsured |
| Meyer 2004 | Before and after study | uninsured children in low-income working families, in US | Outreach activities: 1) broadcast media 2) print media 3) group education 4) direct assistance to persons eligible for CHIP | the percentage change in CHIP enrolment of eligibles |
| Lo Sasso 2004 | Post intervention description and lack of control | uninsured children in low-income families in US | 1) expand public insurance eligibility(from 133% to 185% of FPL) 2) new programs:15 states created a separate SCHIP program, and 17 states implemented a combination program | the increased percentage of children eligible |
| Shore-Sheppard 2000 | Before and after study | children under 15 from low-income families, in US | introduced a series of laws to expand Medicaid eligibility | 1) changes in insurance coverage across the income distribution 2) changes in insurance coverage by region 3) the distribution of coverage 4) an equalization of coverage levels across regions |
| Zimmer 2011 | Interrupted time series | children between ages 0 and 15 in two-parent households with different income level in US | some flexibility in implementing income requirements(from 133% to 200% of FPL) and benefit structures, different from Medicaid | 1) number of children leave the ranks of the uninsured 2) the percentage of children with public insurance 3) percentage points of publicly insured |
| Cousineau 2011 | Post-intervention description | uninsured children in California, US | application assistant program: | new enrolments for all three programs |

Table 4. Characteristics of excluded studies – for children (Continued)

| | | | | |
|--------------------|--|--|--|-------------------|
| | tion and lack of control | | 1) 3 technology-based approaches, include Health-e-App, One-e-App, and county data systems 2) non-technology-based approaches: Mass Media Campaign; Provider In-reach; Community Health Workers; School Based Programs; Matching Public Insurance | |
| Kenney 2010 | Controlled before-after study with only 1 intervention site and 5 comparison sites | children ages 0–18 in Massachusetts and 5 states (CT, ME, NH, RI, VT) in the New England, US | the expansion of MassHealth: the state's Medicaid program, to children with family incomes of up to 300 percent of the federal poverty level-an increase from 200% of the poverty level prior to health reform | uninsurance rates |

Table 5. Characteristics of excluded studies – for the poor

| Study | Methods | Participants | Intervention | Outcomes |
|---------------------|--|--------------------------------------|--|---|
| Long 2007 | Post-intervention description, and lack of control | low-income adults in U.S. | 1) family Health Plus (FHP) Expand public coverage to parents with incomes up to 150% of the Federal Poverty Level (FPL) and to childless adults with incomes up to 100% of the FPL. 2) healthy New York (HNY) Reduce premiums for private coverage through a reinsurance mechanism that covers most of the expenses of high-cost enrollees | 1) changes in eligibility 2) changes in insurance coverage |
| Souares 2010 | Before and after study | low-income residents in Burkina Faso | subsiding the identified poorest | the enrolment rate |
| Guy 2010 | Time series | low-income childless adults | 1) expand Medicaid to individuals up to 133 percent of FPL. 2) premiums and subsidy | 1) probability of being insured 2) access to medical care |

Table 6. Characteristics of excluded studies – for patients

| Study | Methods | Participants | Intervention | Outcomes |
|---------------------|-----------------------|--|--------------------------------|----------------------------------|
| Barnett 2010 | A retrospective study | uninsured patients with chronic ill, in US | financial counselling services | secure health insurance coverage |

Table 6. Characteristics of excluded studies – for patients (Continued)

| | | | | |
|---------------------|---|---|--|---|
| Bitran 2000 | Post-intervention description and lack of control | patients with chronic diseases, in Chile | launch AUGE law, which conferred the following four guarantees (access, quality, opportunity or timeliness, financial protection) on social health insurance beneficiaries | 1) all coverage rates increased considerably. 2) hospitalisation rates and case-fatality rate 3) medical leave 4) patients' satisfaction |
| Bowblis 2008 | Retro-spective cohort study | population over the age of 15 that participated in a sickness insurance scheme in Austria, Belgium, Denmark, France, Germany, and Sweden (treatment group) and in Finland, Netherlands, Norway, Switzerland, and the UK (control group) | 1) expand compulsory sickness insurance to families (German) 2) implement subsidized voluntary insurance (Belgium, Denmark, France and Sweden) | death rate (overall, infant and non-infant death rates) |

Table 7. Characteristics of excluded studies – for pregnant women

| Study | Methods | Participants | Intervention | Outcomes |
|--------------------|--|---|---|--|
| Currie 1996 | Post-intervention description, and lack of control | 15~44-year old women in the CPS, in US | extend Medicaid benefits to some groups of pregnant women who were not on AFDC | 1) the percentage of eligible 2) Health outcomes 3) The cost effectiveness of Medicaid eligibility changes |
| Dava 2010 | Time series study | 1) pregnant women aged 18 to 39 2) single men ages 25 to 64 who have incomes below 200% of the FPL and are privately insured (control group) | created avenues for pregnant women to qualify for Medicaid at higher levels of income (from 133% to 185% FPL) | 1) Medicaid coverage 2) private insurance coverage |

Table 8. Characteristics of excluded studies – for the disabled

| Study | Methods | Participants | Intervention | Outcomes |
|-------------------|------------------------|---|---|--|
| Cogan 2008 | Before and after study | 1) the disabled 2) non-disabled individuals with high expected costs | the extension of Medicare in 1973 to disabled individuals receiving SSDI (Social Security Disability Insurance) | 1) an additional percent of the population through the Social Security Disability Insurance program 2) increase in private insurance coverage |

Table 9. Characteristics of excluded studies – for workers

| Study | Methods | Participants | Intervention | Outcomes |
|----------------------|--|--|--|--|
| Prado 2010 | Before and after study | self-employed in Colombia | launched a set of measures (decree 1703 and Law 797) aimed at enrolling the self-employed, reducing evasion and addressing fraudulent enrolment | increased enrolment rates among the self-employed |
| Thornton 2010 | Before and after study | the informal sector workers, in Nicaragua | design randomly assigned individuals to treatment arms with differing prices and enrolment procedures | 1) the number of sample enrolled in the insurance scheme 2) Effect of insurance: utilization and expenditures 3) Effect of insurance: family planning and other services |
| Frenk 2006 | Post-intervention description, and lack of control | uninsured Mexicans who are self-employed, unemployed, or out of the work force | 1) stewardship: monitoring, performance evaluation, and regulation of the entire health system 2) finance public-health activities 3) strengthen the supply of high-quality health services 4) improve service delivery | 1) the number of insured families 2) increase <i>Seguro Popular</i> coverage in two dimensions: horizontal and vertical 3) Evolution of financial imbalances |

Table 10. Characteristics of excluded studies – for other vulnerable population

| Study | Methods | Participants | Intervention | Outcomes |
|---------------------|---|---|---|--|
| Gardner 2008 | Post-intervention description and lack of control | uninsured populations (including children, child care workers, farm workers, In-Home Supportive Services (IHSS) workers, taxi drivers, and low-income working adults and so on) | Implement activities to expand outreach, enrolment, retention, and utilization (OERU) | increased enrolment in new and existing programs |
| Lawler 2005 | Post-intervention description and lack of control | "hard-to-reach" New Yorkers who have historically been left out of public health insurance (including children, teens, immigrants and uninsured workers) | 1) locally tailored outreach 2) step-by-step assistance through the enrolment maze | the number of newly enrolled |

APPENDICES

Appendix 1. Search strategies

1. African Index Medicus (01/11/2012, 0 retrieved)

For children (01/01/2009 - 01/11/2012, 0 retrieved)

#1 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or (young and people) or (young and person) or (young and persons) or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) [Key Word]

Strategies for expanding health insurance coverage in vulnerable populations (Review)

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#2 ((health and insurance) or (health and financing) or (medical and insurance) or Medicaid or medicare or (medical and scheme) or (medical and schemes) or (community and based and health and organization) or (community and based and health and organizations) or (community and health and planning) or (community and health and finance and organization) or (community and health and finance and organizations) or (community and financing) or (community and self-financing) or (mutual and health and organization) or (mutual and health and organizations) or (mutual and health and care) or (mutual and health and association) or (mutual and health and associations) or mutuelles or (prepayment and insurance and organization) or (prepayment and insurance and organizations) or (cooperative and medical and scheme) or (cooperative and medical and schemes) or (cooperative and medical and system) or (cooperative and medical and systems) or (prepaid and health and care) or (prepaid and health and plans) or (prepaid and health and plan) or (prepayment and plan) or (prepayment and plans) or (prepayment and scheme) or (prepayment and schemes) or (third and party and payment) or (third and party and payer) or (third and party and payments) or (third and party and payers) or (cost and sharing) or (risk and pooling) or (blue and shield) or (blue and cross) or (managed and care and programs) or (managed and care and program) or (sickness and insurance)) [Key Word]

#3 #1 and #2

For others (The earliest collecting date - 01/11/2012, 0 retrieved)

#1 (aged OR elderly OR (senior and citizen) OR (senior and citizens) OR senium OR (old and people) OR female OR females OR women OR woman OR poverty OR (the and poor) OR indigence or indigent OR self-employed OR (informal and sector) OR (informal and sectors) OR low-income OR unemployed OR (rural and population) OR (rural and populations) OR (rural and worker) OR (rural and workers) OR (rural and community) OR (rural and society) OR (agricultural and worker) OR (agricultural and workers) OR (agricultural and labor) OR (agricultural and labors) OR agrarian OR (farm and worker) OR (farm and workers) OR farmer OR farmers OR farmworker OR farmworkers OR (minority and groups) OR (residential and mobility) OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR (minority and ethnic and group) OR (minority and ethnic and groups) OR (chronic and patient) OR (chronic and patients) OR (chronically and ill) OR (chronically and sick) OR (long and stay and patient) OR (long and stay and patients) OR (long and term and patient) OR (long and term and patients) OR (disabled and persons) OR handicapped OR (disabled and person) OR (people and with and disability) OR (person and with and disability) OR (persons and with and disability) OR (vulnerable and populations) OR (vulnerable and population) OR disadvantaged) [Key Word]

#2 ((health and insurance) or (health and financing) or (medical and insurance) or Medicaid or medicare or (medical and scheme) or (medical and schemes) or (community and based and health and organization) or (community and based and health and organizations) or (community and health and planning) or (community and health and finance and organization) or (community and health and finance and organizations) or (community and financing) or (community and self-financing) or (mutual and health and organization) or (mutual and health and organizations) or (mutual and health and care) or (mutual and health and association) or (mutual and health and associations) or mutuelles or (prepayment and insurance and organization) or (prepayment and insurance and organizations) or (cooperative and medical and scheme) or (cooperative and medical and schemes) or (cooperative and medical and system) or (cooperative and medical and systems) or (prepaid and health and care) or (prepaid and health and plans) or (prepaid and health and plan) or (prepayment and plan) or (prepayment and plans) or (prepayment and scheme) or (prepayment and schemes) or (third and party and payment) or (third and party and payer) or (third and party and payments) or (third and party and payers) or (cost and sharing) or (risk and pooling) or (blue and shield) or (blue and cross) or (managed and care and programs) or (managed and care and program) or (sickness and insurance)) [Key Word]

#3 #1 and #2

2. BLDS (01/01/2008 - 01/11/2012, 40 retrieved)

#1 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND health insurance : IN KEYWORDS AND [yr,st-numeric=2008-2012]

#2 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND medical scheme : IN KEYWORDS AND [yr,st-numeric=2008-2012]

#3 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND medical schemes : IN KEYWORDS AND [yr,st-numeric=2008-2012]

Strategies for expanding health insurance coverage in vulnerable populations (Review)

34

#4 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND community based health organization : IN KEYWORDS AND [yr,st-numeric=2008-2012]

#5 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND community health planning : IN KEYWORDS AND [yr,st-numeric=2008-2012]

#6 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND community financing : IN KEYWORDS AND [yr,st-numeric=2008-2012]

#7 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND cost sharing : IN KEYWORDS AND [yr,st-numeric=2008-2012]

#8 (child OR children OR adolescent OR adolescents OR infant OR infants OR juvenile OR newborns OR student OR students OR young people OR teen OR minor OR minors OR neonates OR youth OR elderly OR female OR females OR women OR poverty OR the poor OR self-employed OR informal sector OR low-income OR unemployed OR rural population OR rural workers OR rural community OR rural society OR agricultural workers OR agricultural labor OR agrarian OR farm workers OR farmer OR farmers OR minority groups OR emigration OR immigration OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR disabled persons OR handicapped OR vulnerable population OR disadvantaged) AND risk pooling : IN KEYWORDS AND [yr,st-numeric=2008-2012]

3. CENTRAL (Cochrane Library ,01/01/2007- 02/11/2012, 288 retrieved)

#1 MeSH descriptor Child explode all trees

#2 MeSH descriptor Infant explode all trees

#3 MeSH descriptor Minors explode all trees

#4 MeSH descriptor Adolescent explode all trees

#5 MeSH descriptor Students explode all trees

#6 MeSH descriptor aged explode all trees

#7 MeSH descriptor women explode all trees

#8 MeSH descriptor poverty explode all trees

#9 MeSH descriptor poverty Areas explode all trees

#10 MeSH descriptor rural population explode all trees

#11 MeSH descriptor minority groups explode all trees

#12 MeSH descriptor residential mobility explode all trees

#13 MeSH descriptor disabled persons explode all trees

#14 MeSH descriptor vulnerable populations explode all trees

Strategies for expanding health insurance coverage in vulnerable populations (Review)

#15 MeSH descriptor emigration and immigration explode all trees

#16 (child or children or adolescent* or kid* or infant* or minor* or young NEXT people or young NEXT person* or teenager* or teen? or juvenile? or newborn* or neonate* or elderly or aged or senior NEXT citizen or senior NEXT citizens or senium or old NEXT people or female or females or woman or women or the NEXT poor or indigen* or self-employed or informal NEXT sector* or low-income or unemployed or rural NEXT population? or rural NEXT worker* or rural NEXT community or rural NEXT society or agricultural NEXT worker* or agricultural NEXT labor* or agrarian or farm NEXT worker* or farmer* or farmworker* or emigration or immigration emigrant or immigrant or emigrants or immigrants or minority NEXT ethnic NEXT group or minority NEXT ethnic NEXT groups or chronic NEXT patient or chronic NEXT patients or chronically NEXT ill or chronically NEXT sick or long NEXT stay NEXT patient or long NEXT stay NEXT patients or long NEXT term NEXT patient or long NEXT term NEXT patients or handicapped or disabled NEXT person or disabled NEXT persons or people NEXT with NEXT disability* or person NEXT with NEXT disability or persons NEXT with NEXT disability or vulnerable NEXT population or vulnerable NEXT populations or disadvantaged)

#17 (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16)

#18 MeSH descriptor Insurance, Major Medical explode all trees

#19 MeSH descriptor National Health Programs explode all trees

#20 MeSH descriptor Medicare explode all trees

#21 MeSH descriptor Insurance explode all trees

#22 MeSH descriptor Blue Cross Blue Shield Insurance Plans explode all trees

#23 MeSH descriptor Medically Uninsured explode all trees

#24 (health* NEAR/3 insur* or medical* NEAR/3 insur* or unisur* or medicare or medicaid or insur* NEAR/3 program* or (cost NEXT cover*) NEAR/3 program* or (cost NEXT recover*) NEAR/3 program* or reimburs* NEAR/3 program*)

#25 (#18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24)

#26 (#17 AND #25), from 2007 to 2012

#27 (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or 'take part in' or 'taking part in' or 'took part in' or 'taken part in' or 'takes part in' or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#28 (#26 AND #27), from 2007 to 2012

4. EconLit (01/01/2008 - 01/11/2012, 348 retrieved)

#1 TI=(child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR "young people" OR "young person" OR "young persons" OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths) OR AB=(child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR "young people" OR "young person" OR "young persons" OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths) OR SU=(child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR "young people" OR "young person" OR "young persons" OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths)

#2 TI=(elderly OR aged OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR woman OR women OR poverty OR "the poor" OR indigent OR indigence OR self-employed OR "informal sector" OR "informal sectors" OR low-income OR unemployed OR handicapped OR "disabled person" OR "disabled persons" OR "people with disability*" OR "person with disability" OR "persons with disability" OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR "vulnerable population" OR "vulnerable populations" OR disadvantaged OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers) OR AB=(elderly OR aged OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR woman OR women OR poverty OR "the poor" OR indigent OR indigence OR self-employed OR "informal sector" OR "informal sectors" OR low-income OR unemployed OR handicapped OR "disabled person" OR "disabled persons" OR "people with disability*" OR "person with disability" OR "persons with disability" OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR

"chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR "vulnerable population" OR "vulnerable populations" OR disadvantaged OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers) OR SU=(elderly OR aged OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR woman OR women OR poverty OR "the poor" OR indigent OR indigence OR self-employed OR "informal sector" OR "informal sectors" OR low-income OR unemployed OR handicapped OR "disabled person" OR "disabled persons" OR "people with disability*" OR "person with disability" OR "persons with disability" OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR "vulnerable population" OR "vulnerable populations" OR disadvantaged OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers)

#3 TI=("health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR Medicare OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plans" OR "prepaid health plan" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "blue cross" OR "managed care programs" OR "managed care program" OR "sickness insurance") OR AB=("health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR Medicare OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plans" OR "prepaid health plan" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "blue cross" OR "managed care programs" OR "managed care program" OR "sickness insurance") OR SU=("health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR Medicare OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plans" OR "prepaid health plan" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "blue cross" OR "managed care programs" OR "managed care program" OR "sickness insurance")

#4 TI=(coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering) OR AB=(coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering) OR SU=(coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering)

#5 (#1 OR #2) AND #3 AND #4

5. ELDIS (01/01/2008 - 01/11/2012, 259 retrieved)

(health insurance or health financing or medical insurance or Medicaid or medicare or medical scheme* or community based health organization* or community-based health organization* or community health planning or community health finance organization* or

community financing or community self-financing or mutual health organization* or mutual health care or mutual health association* or mutuelles or prepayment insurance organization* or cooperative medical scheme* or cooperative medical system* or prepaid health care or prepaid health plan* or prepayment plan* or prepayment scheme* or third-party payment* or third-party payer* or third party payment* or third party payer* or cost sharing or risk pooling or blue shield or blue cross or managed care program* or sickness insurance): All fields

6. EMBASE (03/01/2008 - 06/07/2012, 6097 retrieved)

#1 exp child/ or exp adolescent/ or exp newborn/ or exp student/ or (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or 'young people' or 'young person' or 'young persons' or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths).ti, ab.

#2 exp aged/ or exp senescence/ or exp female/ or exp poverty/ or exp unemployment/ or exp rural population/ or exp minority group/ or exp migration/ or exp immigration/ or exp disabled person/ or exp vulnerable population/ or exp high risk population/ or (elderly or aged or 'senior citizen' or 'senior citizens' or senium or 'old people' or female or females or woman or women or 'the poor' or indigen* or self-employed or 'informal sector' or 'informal sectors' or low-income or unemployed or 'rural population' or 'rural populations' or 'rural worker' or 'rural workers' or 'rural community' or 'rural society' or 'agricultural worker' or 'agricultural workers' or 'agricultural labor' or 'agricultural labors' or agrarian or 'farm worker' or 'farm workers' or farmer or farmers or farmworker or farmworkers or emigrant or migration or immigration or immigrant or emigrants or immigrants or 'minority ethnic group' or 'minority ethnic groups' or 'chronic patient' or 'chronic patients' or 'chronically ill' or 'chronically sick' or 'long stay patient' or 'long stay patients' or 'long term patient' or 'long term patients' or handicapped or 'disabled person' or 'disabled persons' or 'people with disability*' or 'person with disability' or 'persons with disability' or 'vulnerable population' or 'vulnerable populations' or disadvantaged).ti,ab.

#3 exp insurance/ or exp Medicare/ or ('health insurance' or 'health financing' or 'medical insurance' or Medicaid or 'medical scheme' or 'medical schemes' or 'community based health organization' or 'community based health organizations' or 'community-based health organization' or 'community-based health organizations' or 'community health planning' or 'community health finance organization' or 'community health finance organizations' or 'community financing' or 'community self-financing' or 'mutual health organization' or 'mutual health organizations' or 'mutual health care' or 'mutual health association' or 'mutual health associations' or mutuelles or 'prepayment insurance organization' or 'prepayment insurance organizations' or 'cooperative medical scheme' or 'cooperative medical schemes' or 'cooperative medical system' or 'cooperative medical systems' or 'prepaid health care' or 'prepaid health plans' or 'prepaid health plan' or 'prepayment plan' or 'prepayment plans' or 'prepayment scheme' or 'prepayment schemes' or 'third-party payment' or 'third-party payer' or 'third party payment' or 'third party payer' or 'third-party payments' or 'third-party payers' or 'third party payments' or 'third party payers' or 'cost sharing' or 'risk pooling' or 'blue shield' or 'managed care programs' or 'managed care program' or 'sickness insurance' or medicare or BlueCross).ti,ab.

#4 (coverage or cover or covering or covered or covers or 'participat*' or join or joins or joining or joined or 'enrol*' or 'recruit*' or membership or memberships or 'eligib*' or 'entitl*' or 'take part in' or 'taking part in' or 'took part in' or 'taken part in' or 'takes part in' or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering).ti,ab.

#5 Randomized controlled trial/ or (random\$ or experiment\$ or (time adj series) or pre test or pretest or post test or posttest or impact or intervention\$ or chang\$ or evaluat\$ or effect? or compar\$ or control\$).tw.

#6 #5 not Nonhuman

#7 (#1 or #2) and #3 and #4 and #6

#8 limit #7 to yr="2008 -Current"

7. ERIC (01/11/2012, 1078 retrieved)

For children (01/01/2009 - 01/11/2012, 115 retrieved)

#1 KW= (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths)

#2 KW=(health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party

payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance)

#3 KW= (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#4 #1 and #2 and #3

For others (pre-1966 - 01/11/2012, 963 retrieved)

#1 KW=(aged OR elderly OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR women OR woman OR poverty OR "the poor" OR indigen* OR self-employed OR "informal sector" OR "informal sectors" OR low-income OR unemployed OR rural population OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration and immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR disabled persons OR handicapped OR "disabled person" OR "disabled persons" OR "people with disability*" OR "person with disability" OR "persons with disability" OR vulnerable populations OR "vulnerable population" OR "vulnerable populations" OR disadvantaged)

#2 KW=(health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance)

#3 KW= (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#4 #1 and #2 and #3

8. Global health (05/01/2008 - 06/07/2012, 1060 retrieved)

#1 exp children/ OR exp adolescents/ OR exp infants/ OR exp students/ OR exp youth/ OR (child or children or adolescent or adolescents or minor or minors or infant or infants or student or students or kid or kids or teenager or teenagers or teen or teens or youth or youths or juvenile or juveniles or newborn or newborns or neonate or neonates or young people or young person or young persons).ti,ab.

#2 exp elderly/ or exp females/ or exp women/ or exp rural women/ or exp poverty/ or exp low income groups/ or exp rural population/ or exp farm workers/ or exp minorities/ or exp urban rural migration/ or exp migration/ or exp rural urban migration/ or exp rural rural migration/ or exp immigration/ or exp people with disabilities/ or (elderly or aged or senior citizen or senior citizens or senium or old people or female or females or woman or women or the poor or indigen* or self-employed or informal sector or informal sectors or low-income or unemployed or rural population or rural populations or rural worker or rural workers or rural community or rural society or agricultural worker or agricultural workers or agricultural labor or agricultural labors or agrarian or farm worker or farm workers or farmer or farmers or farmworker or farmworkers or emigrant or migration or immigration or immigrant or emigrants or immigrants or minority ethnic group or minority ethnic groups or chronic patient or chronic patients or chronically ill or chronically sick or long stay patient or long stay patients or long term patient or long term patients or handicapped or disabled person or disabled persons or people with disability* or person with disability or persons with disability or vulnerable population or vulnerable populations or disadvantaged).ti,ab.

#3 exp insurance/ or exp health insurance/ or exp third party payments/ or exp Medicare/ or (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plan or prepaid health plans or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment

Strategies for expanding health insurance coverage in vulnerable populations (Review)

or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care program or managed care programs or sickness insurance or medicare or BlueCross).ti,ab.

#4 (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering).ti,ab.

#5 (#1 or #2) and #3 and #4

#6 limit 5 to yr="2008 -Current"

9. HERDIN NeON Database (01/11/2012, 0 retrieved)

For children (01/01/2009 - 01/11/2012, 0 retrieved)

#1 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths): Keywords (All fields)

#2 (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance): Keywords (All fields)

#3 #1 AND #2

For others (the earliest collecting date - 01/11/2012, 0 retrieved)

#1(aged OR elderly OR senior citizen OR senior citizens OR senium OR old people OR female OR females OR women OR woman OR poverty OR the poor OR indigen OR indigene OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society OR agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR disabled persons OR handicapped OR disabled person OR people with disability OR person with disability OR persons with disability OR vulnerable populations OR vulnerable population OR disadvantaged): Keywords (All fields)

#2 (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance): Keywords (All fields)

#3 #1 AND #2

10. IBSS (05/01/2008 - 06/07/2012, 268 retrieved)

#1 KW=(child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons" OR elderly OR aged OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR woman OR women OR poverty OR "the poor" OR indigen* OR "self-employed" OR "informal sector" OR "informal sectors" OR low-income OR unemployed OR "rural population" OR "rural populations" OR "rural worker"

Strategies for expanding health insurance coverage in vulnerable populations (Review)

OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR "disabled persons" OR handicapped OR "disabled person" OR "people with disability" OR "person with disability" OR "persons with disability" OR "vulnerable population" OR "vulnerable populations" OR disadvantaged)

#2 KW=("health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance" OR Medicare OR Bluecross)

#3 KW=(coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering)

#4 #1 AND #2 AND #3

11. IDEAS (01/01/2008 - 01/11/2012, 59 retrieved)

#1 (child | adolescent | minor | infant | kid | student | teenager | teen | youth | juvenile | newborn | neonate | "young people" | "young person") + ("health insurance" | "health financing" | "medical insurance" | Medicaid | Medicare | "medical scheme" | "community based health organization" | "community health planning" | "community health finance organization" | "community financing" | "community self-financing") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#2 (child | adolescent | minor | infant | kid | student | teenager | teen | youth | juvenile | newborn | neonate | "young people" | "young person") + ("mutual health organization" | "mutual health care" | "mutual health organization" | mutuelles | "prepayment insurance organization" | "cooperative medical scheme" | "cooperative medical system" | "prepaid health care" | "prepaid health plan") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#3 (child | adolescent | minor | infant | kid | student | teenager | teen | youth | juvenile | newborn | neonate | "young people" | "young person") + ("prepayment plan" | "prepayment scheme" | "third- party payment" | "third-party payer" | "third party payment" | "third party payer" | "cost sharing" | "risk pooling" | "blue shield" | "blue cross" | "managed care program" | "sickness insurance ") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#4 (aged | elderly | "senior citizen" | senium | "old people" | female | woman | poverty | "the poor" | indigent | self-employed | "informal sector" | low-income | unemployed | "people with disability" | "person with disability")+ ("health insurance" | "health financing" | "medical insurance" | Medicaid | Medicare | "medical scheme" | "community based health organization" | "community health planning" | "community health finance organization" | "community financing" | "community self-financing") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#5 ("rural population" | senium | "rural worker" | "rural community" | "rural society" | "agricultural worker" | "agricultural labor" | agrarian | "farm worker" | farmer | farmworker | handicapped | "vulnerable population" | disadvantaged)+ ("health insurance" | "health financing" | "medical insurance" | Medicaid | Medicare | "medical scheme" | "community based health organization" | "community health planning" | "community health finance organization" | "community financing" | "community self-financing")+ (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#6 ("minority groups" | "residential mobility" | emigrant | immigrant | "minority ethnic group" | "chronic patient" | "chronically ill" | "chronically sick" | "long stay patient" | "long term patient" | "disabled person")+ ("health insurance" | "health financing" | "medical insurance" | Medicaid | Medicare | "medical scheme" | "community based health organization" | "community health planning" | "community health finance organization" | "community financing" | "community self-financing") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#7 (aged | elderly | "senior citizen" | senium | "old people" | female | woman | poverty | "the poor" | indigent | self-employed | "informal sector" | low-income | unemployed | "people with disability" | "person with disability")+ ("mutual health organization" | "mutual health care" | "mutual health organization" | mutuelles | "prepayment insurance organization" | "cooperative medical scheme" | "cooperative

Strategies for expanding health insurance coverage in vulnerable populations (Review)

41

medical system" | "prepaid health care" | "prepaid health plan") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#8 ("rural population" | senium | "rural worker" | "rural community" | "rural society" | "agricultural worker" | "agricultural labor" | agrarian | "farm worker" | farmer | farmworker | handicapped | "vulnerable population" | disadvantaged)+ ("mutual health organization" | "mutual health care" | "mutual health organization" | mutuelles | "prepayment insurance organization" | "cooperative medical scheme" | "cooperative medical system" | "prepaid health care" | "prepaid health plan") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#9 ("minority groups" | "residential mobility" | emigrant | immigrant | "minority ethnic group" | "chronic patient" | "chronically ill" | "chronically sick" | "long stay patient" | "long term patient" | "disabled person")+ ("mutual health organization" | "mutual health care" | "mutual health organization" | mutuelles | "prepayment insurance organization" | "cooperative medical scheme" | "cooperative medical system" | "prepaid health care" | "prepaid health plan") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#10 (aged | elderly | "senior citizen" | senium | "old people" | female | woman | poverty | "the poor" | indigent | self-employed | "informal sector" | low-income | unemployed | "people with disability" | "person with disability")+ ("prepayment plan" | "prepayment scheme" | "third- party payment" | "third-party payer" | "third party payment" | "third party payer" | "cost sharing" | "risk pooling" | "blue shield" | "blue cross" | "managed care program" | "sickness insurance ") +(cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#11 ("rural population" | senium | "rural worker" | "rural community" | "rural society" | "agricultural worker" | "agricultural labor" | agrarian | "farm worker" | farmer | farmworker | handicapped | "vulnerable population" | disadvantaged)+ ("prepayment plan" | "prepayment scheme" | "third- party payment" | "third-party payer" | "third party payment" | "third party payer" | "cost sharing" | "risk pooling" | "blue shield" | "blue cross" | "managed care program" | "sickness insurance ") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter | register | membership)

#12 ("minority groups" | "residential mobility" | emigrant | immigrant | "minority ethnic group" | "chronic patient" | "chronically ill" | "chronically sick" | "long stay patient" | "long term patient" | "disabled person")+ ("prepayment plan" | "prepayment scheme" | "third- party payment" | "third-party payer" | "third party payment" | "third party payer" | "cost sharing" | "risk pooling" | "blue shield" | "blue cross" | "managed care program" | "sickness insurance ") + (cover | participate | join | enroll | recruit | "take part in" | eligible | entitle | enter)

#13 ("minority groups" | "residential mobility" | emigrant | female | immigrant | "minority ethnic group" | "chronic patient" | "chronically ill" | "chronically sick" | "long stay patient" | "long term patient" | "disabled person")+ ("prepayment plan" | "prepayment scheme" | "third- party payment" | "third-party payer" | "third party payment" | "third party payer" | "cost sharing" | "risk pooling" | "blue shield" | "blue cross" | "managed care program" | "sickness insurance ") + (membership | register)

#14 (#1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13)

12. IndMED (01/11/2012, 136 retrieved)

For children (01/04/2009 - 01/11/2012, 15 retrieved)

#1 (child\$ or adolescent\$ or minor\$ or infant\$ or student\$ or kid\$ or teenager\$ or teen\$ or youth\$ or juvenile\$ or newborn\$ or neonate\$ or (young and people) or (young and person\$)): IN KEYWORDS

#2 (health and insurance) or (health and financing) or (medical and insurance) or Medicaid or Medicare or (medical and scheme\$) or (community and based and health and organization\$) or (community-based and health and organization\$) or (community and health and planning) or (community and health and finance and organization\$) or (community and financing) or (community and self-financing) or (mutual and health organization\$) or (mutual and health and care) or (mutual and health and association\$) or mutuelles or (prepayment and insurance and organization\$) or (cooperative and medical and scheme\$) or (cooperative and medical and system\$) or (prepaid and health and care) or (prepaid and health and plan\$) or (prepayment and plan\$) or (prepayment and scheme\$) or (third-party and pay\$) or (third and party and pay\$) or (cost and sharing) or (risk and pooling) or (blue and shield) or (blue and cross) or (managed and care and program\$) or (sickness and insurance)): IN KEYWORDS

#3 (2009 or 2010 or 2011 or 2012): IN YEAR

#4 #1 AND #2 AND #3

For others (the earliest collecting date - 01/11/2012, 122 retrieved)

#1 (elderly or aged or (senior and citizen\$) or senium or (old and people) or female\$ or woman or women or (the and poor) or indigen\$ or self-employed or (informal and sector\$) or low-income or unemployed or (rural and population\$) or (rural and worker\$) or (rural and community) or (rural and society) or (agricultural and worker\$) or (agricultural and labor\$) or agrarian or (farm and worker\$) or farmer \$ or farmworker\$ or emigration or immigration or emigrant\$ or immigrant\$ or (minority and ethnic and group\$) or (chronic and patient

Strategies for expanding health insurance coverage in vulnerable populations (Review)

§) or (chronically and ill) or (chronically and sick) or (long and stay and patient§) or (long and term and patient§) or handicapped or (disabled and person§) or (people and disability§) or (person and disability) or (persons and disability) or (vulnerable and population§) or (disadvantaged)): IN KEYWORDS

#2 ((health and insurance) or (health and financing) or (medical and insurance) or Medicaid or Medicare or (medical and scheme§) or (community and based and health and organization§) or (managed and care and program§) or (community-based and health and organization§) or (community and health and planning) or (community and health and finance and organization§) or (community and financing) or (community and self-financing) or (mutual and health organization§) or (mutual and health and care) or (mutual and health and association§) or mutuelles or (prepayment and insurance and organization§) or (cooperative and medical and scheme§) or (cooperative and medical and system§) or (prepaid and health and care) or (prepaid and health and plan§) or (prepayment and plan§) or (prepayment and scheme§) or (third-party and pay§) or (third and party and pay§) or (cost and sharing) or (risk and pooling) or (blue and shield) or (sickness and insurance)): IN KEYWORDS

#3 #1 AND #2

13. ISI-Proceedings (01/01/2008 - 01/11/2012, 2559 retrieved)

#1 ts=child OR ts=children OR ts=adolescent§ OR ts=kid OR ts=kids OR ts=infant§ OR ts= juvenile§ OR ts=newborn§ OR ts=student§ OR ts="young people" OR ts="young person" OR ts="young persons" OR ts=teenager§ OR ts=teen§ OR ts=minor§ OR ts=neonate§ OR ts="school enrollment" OR ts="school enrollments" OR ts=youth§ OR ts=aged OR ts=elderly OR ts="senior citizen" OR ts="senior citizens" OR ts=senium OR ts="old people" OR ts=female§ OR ts=women OR ts=woman OR ts=poverty OR ts="the poor" OR ts=indigen§ OR ts="self-employed" OR ts="informal sector" OR ts="informal sectors" OR ts="low-income" OR ts=unemployed OR ts="rural population" OR ts="rural populations" OR ts="rural worker" OR ts="rural workers" OR ts="rural community" OR ts="rural society" OR ts="agricultural worker" OR ts="agricultural workers" OR ts="agricultural labor" OR ts="agricultural labors" OR ts=agrarian OR ts="farm worker" OR ts="farm workers" OR ts=farmer§ OR ts=farmworker§ OR ts="minority groups" OR ts="residential mobility" OR ts=emigration OR ts=immigration OR ts=emigrant§ OR ts=immigrant§ OR ts="minority ethnic group" OR ts="minority ethnic groups" OR ts="chronic patient" OR ts="chronic patients" OR ts="chronically ill" OR ts="chronically sick" OR ts="long stay patient" OR ts="long stay patients" OR ts="long term patient" OR ts="long term patients" OR ts="disabled person" OR ts="disabled persons" OR ts=handicapped OR ts="people with disability" OR ts="people with disabilities" OR ts="person with disability" OR ts="persons with disability" OR ts="vulnerable population" OR ts="vulnerable populations" OR ts=disadvantaged OR ts="sensitive population" OR ts="sensitive populations"

#2 ts="health insurance" OR ts="health financing" OR ts="medical insurance" OR ts=Medicaid OR ts=medicare OR ts="medical scheme" OR ts="medical schemes" OR ts="community based health organization" OR ts="community based health organizations" OR ts="community-based health organization" OR ts="community-based health organizations" OR ts="community health planning" OR ts="community health finance organization" OR ts="community health finance organizations" OR ts="community financing" OR ts="community self-financing" OR ts="mutual health organization" OR ts="mutual health organizations" OR ts="mutual health care" OR ts="mutual health association" OR ts="mutual health associations" OR ts=mutuelles OR ts="prepayment insurance organization" OR ts="prepayment insurance organizations" OR ts="cooperative medical scheme" OR ts="cooperative medical schemes" OR ts="cooperative medical system" OR ts="cooperative medical systems" OR ts="prepaid health care" OR ts="prepaid health plan" OR ts="prepaid health plans" OR ts="prepayment plan" OR ts="prepayment plans" OR ts="prepayment scheme" OR ts="prepayment schemes" OR ts="third-party payment" OR ts="third-party payments" OR ts="third-party payer" OR ts="third-party payers" OR ts="third party payment" OR ts="third party payments" OR ts="third party payer" OR ts="third party payers" OR ts="cost sharing" OR ts="risk pooling" OR ts="blue shield" OR ts="blue cross" OR ts="managed care program" OR ts="managed care programs" OR ts="sickness insurance"

#3 ts=coverage OR ts=cover OR ts=covering OR ts=covered OR ts=covers OR ts=participat§ OR ts=join OR ts=joins OR ts=joining OR ts=joined OR ts=enrol§ OR ts=recruit§ OR ts=membership§ OR ts=eligib§ OR ts=entitl§ OR ts="take part in" OR ts="taking part in" OR ts="took part in" OR ts="taken part in" OR ts="takes part in" OR ts=enter OR ts=entering OR ts=entered OR ts=enters OR ts=register OR ts=registers OR ts=registration OR ts=registrations OR ts=registered OR ts=registering

#4 #1 AND #2 AND #3

14. JSTOR (22/12/2007- 01/11/2012, 33 retrieved)

#1 ti:("health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR Medicare OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plans" OR "prepaid health plan" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "blue cross" OR "managed care programs" OR "managed care program" OR "sickness insurance") OR ab:("health insurance" OR "health financing" OR

Strategies for expanding health insurance coverage in vulnerable populations (Review)

43

"medical insurance" OR Medicaid OR Medicare OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plans" OR "prepaid health plan" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "blue cross" OR "managed care programs" OR "managed care program" OR "sickness insurance")

#2 ti: (coverage OR cover OR covering OR enrol* OR membership OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR recruit* OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering) OR ab: (coverage OR cover OR covering OR covered OR covers OR participat* OR eligib* OR entitl* OR take part in OR took part in OR enrol* OR recruit* OR membership OR enter OR entering OR enters OR registration OR join OR joins OR joining OR joined OR memberships OR "taking part in" OR "taken part in" OR "takes part in" OR entered OR register OR registers OR registrations OR registered OR registering)

#3 ti:(child& OR adolescent& OR kid& OR infant& OR juvenile& OR newborn& OR student& OR "young people" OR "young person" OR "young persons" OR teenager& OR teen& OR minor& OR neonate& OR youth&) OR ab:(child& OR adolescent& OR kid& OR infant& OR juvenile& OR newborn& OR student& OR "young people" OR "young person" OR "young persons" OR teenager& OR teen& OR minor& OR neonate& OR youth&)

#4 ti:(elderly OR aged OR "senior citizen&" OR senium OR "old people" OR female& OR woman& OR poverty OR "the poor" OR indigent OR indigence OR self-employed OR "informal sector&" OR low-income OR unemployed OR handicapped OR "disabled person&" OR "people with disability&" OR "person& with disability" OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant& OR immigrant& OR "minority ethnic group&" OR "chronic patient&" OR "chronically ill" OR "chronically sick" OR "long stay patient&" OR "long term patient&" OR "vulnerable population&" OR disadvantaged OR "rural population&" OR "rural worker&" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor&" OR agrarian OR "farm worker&" OR farmer& OR farmworker&) OR ab: (elderly OR aged OR "senior citizen&" OR senium OR "old people" OR female& OR woman& OR poverty OR "the poor" OR indigent OR indigence OR self-employed OR "informal sector&" OR low-income OR unemployed OR handicapped OR "disabled person&" OR "people with disability&" OR "person& with disability" OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant& OR immigrant& OR "minority ethnic group&" OR "chronic patient&" OR "chronically ill" OR "chronically sick" OR "long stay patient&" OR "long term patient&" OR "vulnerable population&" OR disadvantaged OR "rural population&" OR "rural worker&" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor&" OR agrarian OR "farm worker&" OR farmer& OR farmworker&)

#5 #1 AND #2 AND (#3 OR #4)

15. LILACS (01/11/2012, 1007 retrieved)

For children (05/04/2009 - 01/11/2012, 39 retrieved)

#1 (child\$ or adolescent\$ or minor\$ or infant\$ or student\$ or teen\$ or youth\$ or juvenile\$ or newborn\$ or (young and people) or (young and person\$) or nino\$ or crianca or infantil or lactante or lactente or (recien\$ and nacido\$) or (recem\$ and nascido\$) or neonat\$ or baby or babies or kid\$ or toddler\$): In Field [Words]

#2 ((health\$ and insurance\$) or (medical\$ and insurance\$) or (insurance\$ and program\$) or (seguro and medico\$) or (seguro and salud) or (seguro and saude)) and ((Pt RANDOMIZED CONTROLLED TRIAL OR Pt CONTROLLED CLINICAL TRIAL OR Mh RANDOMIZED CONTROLLED TRIALS OR Mh RANDOM ALLOCATION OR Mh DOUBLE-BLIND METHOD OR Mh SINGLE-BLIND METHOD OR Pt MULTICENTER STUDY) OR ((time and series) or random\$ or intervention\$ or control\$ or evaluat\$ or effect\$ or compare\$ or chang\$ or experiment\$ or impact) or ((tw ensaio or tw ensayo or tw trial) and (tw azar or tw acaso or tw placebo or tw control\$ or tw aleat\$ or tw random\$ or (tw duplo and tw cego) or (tw doble and tw ciego) or (tw double and tw blind)) and tw clinic\$)) AND NOT ((CT ANIMALS OR MH ANIMALS OR CT RABBITS OR CT MICE OR MH RATS OR MH PRIMATES OR MH DOGS OR MH RABBITS OR MH SWINE) AND NOT (CT HUMAN AND CT ANIMALS)): In Field [Words]

#3 (2009 or 2010 or 2011 or 2012): In Field [Country, year publication]

#4 #1 and #2 and #3

For others (the earliest collecting date - 01/11/2012, 968 retrieved)

#1 ((health\$ and insurance\$) or (medical\$ and insurance\$) or (insurance\$ and program\$) or (seguro and medico\$) or (seguro and salud) or (seguro and saude)): In Field [Words]

Strategies for expanding health insurance coverage in vulnerable populations (Review)

#2 (elderly or aged or (senior and citizen\$) or senium or (old and people) or female\$ or woman or women or (the and poor) or indigen\$ or self-employed or (informal and sector\$) or low-income or unemployed or (rural and population\$) or (rural and worker\$) or (rural and community) or (rural and society) or (agricultural and worker\$) or (agricultural and labor\$) or agrarian or (farm and worker\$) or farmer \$ or farmworker\$ or emigration or immigration or emigrant\$ or immigrant\$ or (minority and ethnic and group\$) or (chronic and patient \$) or (chronically and ill) or (chronically and sick) or (long and stay and patient\$) or (long and term and patient\$) or handicapped or (disabled and person\$) or (people and disability\$) or (person and disability) or (persons and disability) or (vulnerable and population\$) or disadvantaged): In Field [Words]

#3 ((Pt RANDOMIZED CONTROLLED TRIAL OR Pt CONTROLLED CLINICAL TRIAL OR Mh RANDOMIZED CONTROLLED TRIALS OR Mh RANDOM ALLOCATION OR Mh DOUBLE-BLIND METHOD OR Mh SINGLE-BLIND METHOD OR Pt MULTICENTER STUDY) OR ((time and series) or random \$ or intervention\$ or control\$ or evaluat\$ or effect\$ or compare\$ or chang\$ or experiment\$ or impact) or ((tw ensaio or tw ensayo or tw trial) and (tw azar or tw acaso or tw placebo or tw control\$ or tw aleat\$ or tw random\$ or (tw duplo and tw cego) or (tw doble and tw ciego) or (tw double and tw blind)) and tw clinic\$)) AND NOT ((CT ANIMALS OR MH ANIMALS OR CT RABBITS OR CT MICE OR MH RATS OR MH PRIMATES OR MH DOGS OR MH RABBITS OR MH SWINE) AND NOT (CT HUMAN AND CT ANIMALS)): In Field [Words]

16. NTIS (01/01/2008 - 01/11/2012, 18 retrieved)

#1 (health insurance OR health financing OR medical insurance OR Medicaid OR medicare OR blue cross OR medical scheme OR medical schemes OR community based health organization OR community based health organizations OR community-based health organization OR community-based health organizations OR community health planning OR community health finance organization OR community health finance organizations OR community financing OR community self-financing OR mutual health organization OR mutual health organizations OR mutual health care OR mutual health association OR mutual health associations OR mutuelles OR prepayment insurance organization OR prepayment insurance organizations OR cooperative medical scheme OR cooperative medical schemes OR cooperative medical system OR cooperative medical systems OR prepaid health care OR prepaid health plans OR prepaid health plan OR prepayment plan OR prepayment plans OR prepayment scheme OR prepayment schemes OR third-party payment OR third-party payer OR third party payment OR third party payer OR third-party payments OR third-party payers OR third party payments OR third party payers OR cost sharing OR risk pooling OR blue shield OR managed care programs OR managed care program OR sickness insurance).ti

#2 (health insurance OR health financing OR medical insurance OR Medicaid OR medicare OR blue cross OR medical scheme OR medical schemes OR community based health organization OR community based health organizations OR community-based health organization OR community-based health organizations OR community health planning OR community health finance organization OR community health finance organizations OR community financing OR community self-financing OR mutual health organization OR mutual health organizations OR mutual health care OR mutual health association OR mutual health associations OR mutuelles OR prepayment insurance organization OR prepayment insurance organizations OR cooperative medical scheme OR cooperative medical schemes OR cooperative medical system OR cooperative medical systems OR prepaid health care OR prepaid health plans OR prepaid health plan OR prepayment plan OR prepayment plans OR prepayment scheme OR prepayment schemes OR third-party payment OR third-party payer OR third party payment OR third party payer OR third-party payments OR third-party payers OR third party payments OR third party payers OR cost sharing OR risk pooling OR blue shield OR managed care programs OR managed care program OR sickness insurance) ,keyword.

#3 #1 OR #2

17. OpenGrey(changed form OpenSIGLE) (08/01/2008 - 01/11/2012, 0 retrieved)

#1 (title: child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR young people OR young person OR young persons OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths OR aged OR elderly OR senior citizen OR senior citizens OR senium OR old people OR female OR females OR women OR woman OR poverty OR the poor OR indigene or indigence OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society OR agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR disabled persons OR handicapped OR disabled person OR people with disability OR person with disability OR persons with disability OR vulnerable populations OR vulnerable population OR disadvantaged) OR (abstract: child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR young people OR young person OR young persons OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths OR aged OR elderly OR senior citizen OR senior citizens OR senium OR old people OR female OR females OR women OR woman OR poverty OR the poor OR indigene or indigence OR self-employed OR informal sectors OR low-income OR unemployed OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society OR agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR disabled

persons OR handicapped OR disabled person OR people with disability OR person with disability OR persons with disability OR vulnerable populations OR vulnerable population OR disadvantaged)

#2 (title: "health insurance" OR "medical insurance" OR "health financing" OR Medicaid OR Medicare OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payments" OR "third-party payer" OR "third-party payers" OR "cost sharing" OR "risk pooling" OR "Blue Shield" OR "Blue Cross" OR "managed care program" OR "managed care programs" OR "sickness insurance") OR (abstract: "health insurance" OR "medical insurance" OR "health financing" OR Medicaid OR Medicare OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payments" OR "third-party payer" OR "third-party payers" OR "cost sharing" OR "risk pooling" OR "Blue Shield" OR "Blue Cross" OR "managed care program" OR "managed care programs" OR "sickness insurance")

#3 (cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership* OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*) OR (abstract:cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership* OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*) OR (title:cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership* OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*)

#4 #1 AND #2 AND #3

18. PAIS (06/01/2008 - 06/07/2012, 263 retrieved)

#1 KW=child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons" OR elderly OR aged OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR woman OR women OR poverty OR "the poor" OR indigen* OR "self-employed" OR "informal sector" OR "informal sectors" OR low-income OR unemployed OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR "disabled persons" OR handicapped OR "disabled person" OR "people with disability" OR "person with disability" OR "persons with disability" OR "vulnerable population" OR "vulnerable populations" OR disadvantaged)

#2 KW="health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance" OR Medicare OR Bluecross

#3 KW=coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering

#4 #1 AND #2 AND #3

19. Popline (26/12/2007- 01/11/2012, 85 retrieved)

Subject: (child / children / adolescent / adolescents / kid / kids / infant / infants / juvenile / juveniles / newborn / newborns / student / students / young people / young person / young persons / teenager / teenagers / teen / teens / minor / minors / neonate / neonates / youth / youths / aged / elderly / senior citizen / senior citizens / senium / old people / female / females / women / woman / poverty / the poor / indigen* / self-employed / informal sector / informal sectors / low-income / unemployed / rural population / rural populations / rural worker / rural workers / rural community / rural society / agricultural worker / agricultural workers / agricultural labor / agricultural labors / agrarian / farm worker / farm workers / farmer / farmers / farmworker / farmworkers / minority groups / residential mobility / emigration / immigration / emigrant / immigrant / emigrants / immigrants / minority ethnic group / minority ethnic groups / chronic patient / chronic patients / chronically ill / chronically sick / long stay patient / long stay patients / long term patient / long term patients / handicapped / disabled person / disabled persons / people with disability* / person with disability / persons with disability / vulnerable populations / vulnerable population / disadvantaged) & (health insurance / health financing / medical insurance / Medicaid / medical scheme / medical schemes / community based health organization / community based health organizations / community-based health organization / community-based health organizations / community health planning / community health finance organization / community health finance organizations / community financing / community self-financing / mutual health organization / mutual health organizations / mutual health care / mutual health association / mutual health associations / mutuelles / prepayment insurance organization / prepayment insurance organizations / cooperative medical scheme / cooperative medical schemes / cooperative medical system / cooperative medical systems / prepaid health care / prepaid health plans / prepaid health plan / prepayment plan / prepayment plans / prepayment scheme / prepayment schemes / third-party payment / third-party payer / third party payment / third party payer / third-party payments / third-party payers / third party payments / third party payers / cost sharing / risk pooling / Blue Shield / managed care programs / managed care program / sickness insurance / Medicare / Blue Cross) & (coverage / cover / covering / covered / covers / participat* / join / joins / joining / joined / enrol* / recruit* / membership / memberships / eligib* / entitl* / take part in / taking part in / took part in / taken part in / takes part in / enter / entering / entered / enters / register / registers / registration / registrations / registered / registering)

20. ProQuest Dissertation & Theses Database (08/01/2008 - 01/11/2012, 436 retrieved)

#1 (child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons") AND ("health insurance" OR "health financing" OR "medical insurance" OR "Medicaid" OR "medicare" OR "blue cross" OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance") AND (cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*) TI .AB

#2 (elderly OR aged OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR women OR woman OR poverty OR "the poor" OR indigen* OR self-employed OR "informal sector" OR "informal sectors" OR "low-income" OR unemployed OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR handicapped OR "disabled person" OR "disabled persons" OR "people with disability*" OR "person with disability" OR "persons with disability" OR vulnerable populations OR "vulnerable population" OR disadvantaged) AND ("health insurance" OR "health financing" OR "medical insurance" OR "Medicaid" OR "medicare" OR "blue cross" OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR

Strategies for expanding health insurance coverage in vulnerable populations (Review)

"prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance") AND (cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*)TI,AB

#3 #1 OR #2

21. PsycINFO (06/07/2012, 3083 retrieved)

For children (02/04/2009 - 06/07/2012, 300 retrieved)

#1 child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or "young people" or "young person" or "young persons" or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths

#2 "health insurance" or "health financing" or "medical insurance" or Medicaid or "medical scheme" or "medical schemes" or "community based health organization" or "community based health organizations" or "community-based health organization" or "community-based health organizations" or "community health planning" or "community health finance organization" or "community health finance organizations" or "community financing" or "community self-financing" or "mutual health organization" or "mutual health organizations" or "mutual health care" or "mutual health association" or "mutual health associations" or mutuelles or "prepayment insurance organization" or "prepayment insurance organizations" or "cooperative medical scheme" or "cooperative medical schemes" or "cooperative medical system" or "cooperative medical systems" or "prepaid health care" or "prepaid health plans" or "prepaid health plan" or "prepayment plan" or "prepayment plans" or "prepayment scheme" or "prepayment schemes" or "third-party payment" or "third-party payer" or "third party payment" or "third party payer" or "third-party payments" or "third-party payers" or "third party payments" or "third party payers" or "cost sharing" or "risk pooling" or "blue shield" or "managed care programs" or "managed care program" or "sickness insurance" or Medicare or Bluecross

#3 coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or "take part in" or "taking part in" or "took part in" or "taken part in" or "takes part in" or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering

#4 #1 AND #2 AND #3

For others (the earliest collecting date - 06/07/2012, 3003 retrieved)

#1 elderly OR aged OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR woman OR women OR poverty OR "the poor" OR indigen* OR self-employed OR "informal sector" OR "informal sectors" OR "low-income" OR unemployed OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers OR "minority groups" OR "residential mobility" OR emigration OR immigration OR migrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR handicapped OR "disabled person" OR "disabled persons" OR "people with disability" OR "person with disability" OR "persons with disability" OR "vulnerable populations" OR "vulnerable population" OR disadvantaged

#2 "health insurance" or "health financing" or "medical insurance" or Medicaid or "medical scheme" or "medical schemes" or "community based health organization" or "community based health organizations" or "community-based health organization" or "community-based health organizations" or "community health planning" or "community health finance organization" or "community health finance organizations" or "community financing" or "community self-financing" or "mutual health organization" or "mutual health organizations" or "mutual health care" or "mutual health association" or "mutual health associations" or mutuelles or "prepayment insurance organization" or "prepayment insurance organizations" or "cooperative medical scheme" or "cooperative medical schemes" or "cooperative medical system" or "cooperative medical systems" or "prepaid health care" or "prepaid health plans" or "prepaid health plan" or "prepayment plan" or "prepayment plans" or "prepayment scheme" or "prepayment schemes" or "third-party payment" or "third-party payer" or "third party payment" or "third party payer" or "third-party payments" or "third-party payers" or "third party payments" or "third party payers" or "cost sharing" or "risk pooling" or "blue shield" or "managed care programs" or "managed care program" or "sickness insurance" or Medicare or Bluecross

#3 coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or "take part in" or "taking part in" or "took part in" or "taken part in" or "takes part in" or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering

Strategies for expanding health insurance coverage in vulnerable populations (Review)

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#4 #1 AND #2 AND #3

22. PubMed (17/12/2007- 01/11/2012, 2507 retrieved)

#1: child[MH] OR adolescent[MH] OR minors[MH] OR infant[MH] OR students[MH] OR child[TIAB] OR children[TIAB] OR adolescen*[TIAB] OR minor[TIAB] OR minors[TIAB] OR infant[TIAB] OR infants[TIAB] OR student[TIAB] OR students[TIAB] OR kid[TIAB] OR kids[TIAB] OR teen*[TIAB] OR youth[TIAB] OR youths[TIAB] OR juvenile[TIAB] OR juveniles[TIAB] OR newborn[TIAB] OR newborns[TIAB] OR neonate[TIAB] OR neonates[TIAB] OR "young people"[TIAB] OR "young person"[TIAB] OR "young persons"[TIAB] OR "school enrollment"[TIAB] OR "school enrollments"[TIAB]

#2: aged[MH] OR elderly[TIAB] OR aged[TIAB] OR "senior citizen"[TIAB] OR "senior citizens"[TIAB] OR senium[TIAB] OR "old people"[TIAB] OR female[MH] OR female[TIAB] OR females[TIAB] OR women[MH] OR woman[TIAB] OR women[TIAB] OR poverty[MH] OR "the poor"[TIAB] OR indigen*[TIAB] OR self-employed[TIAB] OR "informal sector"[TIAB] OR "informal sectors"[TIAB] OR low-income[TIAB] OR unemployed[TIAB] OR rural population[MH] OR "rural population"[TIAB] OR "rural populations"[TIAB] OR "rural worker"[TIAB] OR "rural workers"[TIAB] OR "rural community"[TIAB] OR "rural society"[TIAB] OR "agricultural worker"[TIAB] OR "agricultural workers"[TIAB] OR "agricultural labor"[TIAB] OR "agricultural labors"[TIAB] OR agrarian[TIAB] OR "farm worker"[TIAB] OR "farm workers"[TIAB] OR farmer[TIAB] OR farmers[TIAB] OR farmworker[TIAB] OR farmworkers[TIAB] OR minority groups[MH] OR residential mobility[MH] OR emigration and immigration[MH] OR emigration[TIAB] OR immigration[TIAB] OR emigrant[TIAB] OR immigrant[TIAB] OR emigrants[TIAB] OR immigrants[TIAB] OR "minority ethnic group"[TIAB] OR "minority ethnic groups"[TIAB] OR "chronic patient"[TIAB] OR "chronic patients"[TIAB] OR "chronically ill"[TIAB] OR "chronically sick"[TIAB] OR "long stay patient"[TIAB] OR "long stay patients"[TIAB] OR "long term patient"[TIAB] OR "long term patients"[TIAB] OR disabled persons[MH] OR handicapped[TIAB] OR "disabled person"[TIAB] OR "disabled persons"[TIAB] OR "people with disability"*[TIAB] OR "person with disability"[TIAB] OR "persons with disability"[TIAB] OR vulnerable populations[MH] OR "vulnerable population"[TIAB] OR "vulnerable populations"[TIAB] OR disadvantaged[TIAB] OR "sensitive population"[TIAB] OR "sensitive populations"[TIAB]

#3 : #1 OR #2

#4 : financing, government[MH] OR insurance [MH] OR "health insurance"[TIAB] OR "health financing"[TIAB] OR "medical insurance"[TIAB] OR Medicaid[MH] OR Medicaid[TIAB] OR Medicare[MH] OR Medicare[TIAB] OR "medical scheme"[TIAB] OR "community based health organization"[TIAB] OR "community-based health organization"[TIAB] OR "community health planning"[TIAB] OR "community health finance organization"[TIAB] OR "medical schemes"[TIAB] OR "community based health organizations"[TIAB] OR "community-based health organizations"[TIAB] OR "community health finance organizations"[TIAB] OR "community financing"[TIAB] OR "community self-financing"[TIAB] OR "mutual health organization"[TIAB] OR "mutual health organizations"[TIAB] OR "mutual health care"[TIAB] OR "mutual health association"[TIAB] OR "mutual health associations"[TIAB] OR mutuelles[TIAB] OR "prepayment insurance organization"[TIAB] OR "prepayment insurance organizations"[TIAB] OR "cooperative medical scheme"[TIAB] OR "cooperative medical schemes"[TIAB] OR "cooperative medical system"[TIAB] OR "cooperative medical systems"[TIAB] OR "prepaid health care"[TIAB] OR "prepaid health plan"[TIAB] OR "prepaid health plans"[TIAB] OR "prepayment plan"[TIAB] OR "prepayment plans"[TIAB] OR "prepayment scheme"[TIAB] OR "prepayment schemes"[TIAB] OR "third-party payment"[TIAB] OR "third-party payments"[TIAB] OR "third-party payer"[TIAB] OR "third-party payers"[TIAB] OR "third party payment"[TIAB] OR "third party payments"[TIAB] OR "third party payer"[TIAB] OR "third party payers"[TIAB] OR "cost sharing"[TIAB] OR "risk pooling"[TIAB] OR "blue shield"[TIAB] OR "blue cross"[TIAB] OR "managed care program"[TIAB] OR "managed care programs"[TIAB] OR "sickness insurance"[TIAB]

#5 : coverage[TIAB] OR cover[TIAB] OR covering[TIAB] OR covered[TIAB] OR covers[TIAB] OR participat*[TIAB] OR join[TIAB] OR joins[TIAB] OR joining[TIAB] OR joined[TIAB] OR enrol*[TIAB] OR recruit*[TIAB] OR membership[TIAB] OR memberships[TIAB] OR eligib*[TIAB] OR entitl*[TIAB] OR "take part in"[TIAB] OR "taking part in"[TIAB] OR "took part in"[TIAB] OR "taken part in"[TIAB] OR "takes part in"[TIAB] OR enter[TIAB] OR entering[TIAB] OR entered[TIAB] OR enters[TIAB] OR register[TIAB] OR registers[TIAB] OR registration[TIAB] OR registrations[TIAB] OR registered[TIAB] OR registering[TIAB]

#6 : #3 AND #4 AND #5

#7 : randomized controlled trial[PT] OR random*[TIAB] OR intervention*[TIAB] OR control[TIAB] OR controll[TIAB] OR controls[TIAB] OR controls[TIAB] OR controles[TIAB] OR controlles[TIAB] OR controled[TIAB] OR controlled[TIAB] OR controld[TIAB] OR controllld[TIAB] OR evaluat*[TIAB]

#8 : "Animals"[MH] AND "Humans"[MH]

#9 : "Animals"[MH]

#10 : #9 NOT #8

#11 : #7 NOT #10

#12 : #6 AND #11

#13 : #12 AND ("2007/12/17"[PDAT]; "2012/07/10"[PDAT])

Strategies for expanding health insurance coverage in vulnerable populations (Review)

23. SSRN (01/11/2012, 65 retrieved)

For children (04/06/2009 - 01/11/2012, 10 retrieved)

#1 Title, Abstract, Abstract ID & Keywords: (child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR "young people" OR "young person" OR "young persons" OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths) AND "health insurance"

#2 With The Exact Phrase: "medical insurance"; "health financing"; Medicaid; Medicare; "medical scheme"; "medical schemes"; "community based health organization"; "community based health organizations"; "community-based health organization"; "community-based health organizations"; "community health planning"; "community health finance organization"; "community health finance organizations"; "community financing"; "community self-financing"; "mutual health organization"; "mutual health organizations"; "mutual health care"; "mutual health association"; "mutual health associations"; mutuelles; "prepayment insurance organization"; "prepayment insurance organizations"; "cooperative medical scheme"; "cooperative medical schemes"; "cooperative medical system"; "cooperative medical systems"; "prepaid health care"; "prepaid health plan"; "prepaid health plans"; "prepayment plan"; "prepayment plans"; "prepayment scheme"; "prepayment schemes"; "third-party payment"; "third-party payments"; "third-party payer"; "third-party payers"; "cost sharing"; "risk pooling"; "blue shield"; "blue cross"; "managed care program"; "managed care programs"; "sickness insurance"

For others (the earliest collecting date - 01/11/2012, 55 retrieved)

#1 Title, Abstract, Abstract ID & Keywords: (aged OR elderly OR "senior citizen" OR "senior citizens" OR senium OR "old people" OR female OR females OR women OR woman OR poverty OR "the poor" OR indigene or indigence OR self-employed OR "informal sector" OR "informal sectors" OR low-income OR unemployed OR "rural population" OR "rural populations" OR "rural worker" OR "rural workers" OR "rural community" OR "rural society" OR "agricultural worker" OR "agricultural workers" OR "agricultural labor" OR "agricultural labors" OR agrarian OR "farm worker" OR "farm workers" OR farmer OR farmers OR farmworker OR farmworkers OR "minority groups" OR "residential mobility" OR emigration OR immigration OR emigrant OR immigrant OR emigrants OR immigrants OR "minority ethnic group" OR "minority ethnic groups" OR "chronic patient" OR "chronic patients" OR "chronically ill" OR "chronically sick" OR "long stay patient" OR "long stay patients" OR "long term patient" OR "long term patients" OR "disabled persons" OR handicapped OR "disabled person" OR "people with disability" OR "person with disability" OR "persons with disability" OR "vulnerable populations" OR "vulnerable population" OR disadvantaged) AND "health insurance"

#2 With The Exact Phrase: "medical insurance"; "health financing"; Medicaid; Medicare; "medical scheme"; "medical schemes"; "community based health organization"; "community based health organizations"; "community-based health organization"; "community-based health organizations"; "community health planning"; "community health finance organization"; "community health finance organizations"; "community financing"; "community self-financing"; "mutual health organization"; "mutual health organizations"; "mutual health care"; "mutual health association"; "mutual health associations"; mutuelles; "prepayment insurance organization"; "prepayment insurance organizations"; "cooperative medical scheme"; "cooperative medical schemes"; "cooperative medical system"; "cooperative medical systems"; "prepaid health care"; "prepaid health plan"; "prepaid health plans"; "prepayment plan"; "prepayment plans"; "prepayment scheme"; "prepayment schemes"; "third-party payment"; "third-party payments"; "third-party payer"; "third-party payers"; "cost sharing"; "risk pooling"; "blue shield"; "blue cross"; "managed care program"; "managed care programs"; "sickness insurance"

24. Thai Index Medicus (01/11/2012, 0 retrieved)

For children (01/01/2010 - 01/11/2012, 0 retrieved)

#1 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths): Keywords (All)

#2 (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance): Keywords (All)

#3 #1 AND #2

For others (the earliest collecting date - 01/11/2012.6, 0 retrieved)

#1(aged OR elderly OR senior citizen OR senior citizens OR senium OR old people OR female OR females OR women OR woman OR poverty OR the poor OR indigen OR indigene OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society OR agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups OR chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR disabled persons OR handicapped OR disabled person OR people with disability OR person with disability OR persons with disability OR vulnerable populations OR vulnerable population OR disadvantaged): Keywords (All)

#2 (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance): Keywords (All)

#3 #1 AND #2

25. WHOLIS (04/01/2008- 01/11/2012, 4 retrieved)

#1 Subject (child OR adolescent OR minors OR infant OR students OR aged OR female OR women OR poverty OR rural population OR minority groups OR residential mobility OR emigration and immigration OR disabled persons OR vulnerable populations) OR Title (child\$ OR adolescent\$ OR minor\$ OR infant\$ OR student\$ OR kid\$ OR teenager\$ OR teen\$ OR youth\$ OR juvenile\$ OR newborn\$ OR neonate\$ OR 'young people' OR 'young person\$' OR elderly OR aged OR 'senior citizen\$' OR senium OR 'old people' OR female\$ OR wom?n OR 'the poor' OR indigen\$ OR self-employed OR 'informal sector\$' OR low-income OR unemployed OR 'rural population\$' OR 'rural worker\$' OR 'rural community' OR 'rural society' OR 'agricultural worker\$' OR 'agricultural labor\$' OR agrarian OR 'farm worker\$' OR farmer\$ OR farmworker \$ OR emigration OR immigration OR emigrant\$ OR immigrant\$ OR 'minority ethnic group\$' OR 'chronic patient\$' OR 'chronically ill' OR 'chronically sick' OR 'long stay patient\$' OR 'long term patient\$' OR handicapped OR 'disabled person\$' OR 'people with disability\$' OR 'person? with disability' OR 'vulnerable population\$' OR disadvantaged) OR Words or Phrase (child\$ OR adolescent\$ OR minor\$ OR infant \$ OR student\$ OR kid\$ OR teenager\$ OR teen\$ OR youth\$ OR juvenile\$ OR newborn\$ OR neonate\$ OR 'young people' OR 'young person\$' OR elderly OR aged OR 'senior citizen\$' OR senium OR 'old people' OR female\$ OR wom?n OR 'the poor' OR indigen\$ OR self-employed OR 'informal sector\$' OR low-income OR unemployed OR 'rural population\$' OR 'rural worker\$' OR 'rural workers' OR 'rural community' OR 'rural society' OR 'agricultural worker\$' OR 'agricultural labor\$' OR agrarian OR 'farm worker\$' OR farmer\$ OR farmworker\$ OR emigration OR immigration OR emigrant\$ OR immigrant\$ OR 'minority ethnic group\$' OR 'chronic patient\$' OR 'chronically ill' OR 'chronically sick' OR 'long stay patient\$' OR 'long term patient\$' OR handicapped OR 'disabled person\$' OR 'people with disability\$' OR 'person\$ with disability' OR 'vulnerable population\$' OR disadvantaged)

#2 Subject (financing, government OR insurance OR Medicare) OR Title ('health insurance' OR 'health financing' OR 'medical insurance' OR Medicaid OR Medicare OR 'medical scheme\$' OR 'community based health organization\$' OR 'community-based health organization \$' OR 'community health planning' OR 'community health finance organization\$' OR 'community financing' OR 'community self-financing' OR 'mutual health organization\$' OR 'mutual health care' OR 'mutual health association\$' OR mutuelles OR 'prepayment insurance organization\$' OR 'cooperative medical scheme\$' OR 'cooperative medical system\$' OR 'prepaid health care' OR 'prepaid health plan\$' OR 'prepayment plan\$' OR 'prepayment scheme\$' OR 'third-party pay\$' OR 'third party pay\$' OR 'cost sharing' OR 'risk pooling' OR 'blue shield' OR 'blue cross' OR 'managed care program\$' OR 'sickness insurance') OR Words or Phrase ('health insurance' OR 'health financing' OR 'medical insurance' OR Medicaid OR Medicare OR 'medical scheme\$' OR 'community based health organization\$' OR 'community-based health organization\$' OR 'community health planning' OR 'community health finance organization\$' OR 'community financing' OR 'community self-financing' OR 'mutual health organization\$' OR 'mutual health care' OR 'mutual health association\$' OR mutuelles OR 'prepayment insurance organization\$' OR 'cooperative medical scheme\$' OR 'cooperative medical systems\$' OR 'prepaid health care' OR 'prepaid health plan\$' OR 'prepayment plan\$' OR 'prepayment scheme\$' OR 'third-party pay\$' OR 'third party pay\$' OR 'cost sharing' OR 'risk pooling' OR 'blue shield' OR 'blue cross' OR 'managed care program\$' OR 'sickness insurance')

#3 Publication year: 2008.01.04-present

#4 #1 AND #2 AND #3

26. World Bank(28/12/2007- 02/11/2012, 186 retrieved)
Strategies for expanding health insurance coverage in vulnerable populations (Review)

#1 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) AND (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#2 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) AND (community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#3 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) AND (mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#4 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) AND (cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#5 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) AND (third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#6 (agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration and immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups) AND (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#7 (agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration and immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups) AND (community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#8 (agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration and immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups) AND (mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system) AND (coverage or cover or

covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#9 (agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration and immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups) AND (cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#10 (agricultural worker OR agricultural workers OR agricultural labor OR agricultural labors OR agrarian OR farm worker OR farm workers OR farmer OR farmers OR farmworker OR farmworkers OR minority groups OR residential mobility OR emigration and immigration OR emigrant OR immigrant OR emigrants OR immigrants OR minority ethnic group OR minority ethnic groups) AND (third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#11 (aged OR elderly OR senior citizen OR senior citizens OR senium OR old people ORfemale OR females OR women OR women OR poverty OR the poor OR indigen* OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society) AND (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community health organization) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#12 (aged OR elderly OR senior citizen OR senior citizens OR senium OR old people ORfemale OR females OR women OR women OR poverty OR the poor OR indigen* OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society) AND (community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#13 (aged OR elderly OR senior citizen OR senior citizens OR senium OR old people ORfemale OR females OR women OR women OR poverty OR the poor OR indigen* OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society) AND (mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#14 (aged OR elderly OR senior citizen OR senior citizens OR senium OR old people ORfemale OR females OR women OR women OR poverty OR the poor OR indigen* OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society) AND (cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#15 (aged OR elderly OR senior citizen OR senior citizens OR senium OR old people ORfemale OR females OR women OR women OR poverty OR the poor OR indigen* OR self-employed OR informal sector OR informal sectors OR low-income OR unemployed OR rural population OR rural population OR rural populations OR rural worker OR rural workers OR rural community OR rural society) AND (third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance) AND (coverage or cover or covering or covered

or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#16 (chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR vulnerable populations OR vulnerable population OR vulnerable populations OR disadvantaged) AND (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#17 (chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR vulnerable populations OR vulnerable population OR vulnerable populations OR disadvantaged) AND (community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#18 (chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR vulnerable populations OR vulnerable population OR vulnerable populations OR disadvantaged) AND (mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#19 (chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR vulnerable populations OR vulnerable population OR vulnerable populations OR disadvantaged) AND (cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#20 (chronic patient OR chronic patients OR chronically ill OR chronically sick OR long stay patient OR long stay patients OR long term patient OR long term patients OR vulnerable populations OR vulnerable population OR vulnerable populations OR disadvantaged) AND (third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#21 (disabled persons OR handicapped OR disabled person OR disabled persons OR people with disability* OR person with disability OR persons with disability) AND (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#22 (disabled persons OR handicapped OR disabled person OR disabled persons OR people with disability* OR person with disability OR persons with disability) AND (community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#23 (disabled persons OR handicapped OR disabled person OR disabled persons OR people with disability* OR person with disability OR persons with disability) AND (mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or

enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#24 (disabled persons OR handicapped OR disabled person OR disabled persons OR people with disability* OR person with disability OR persons with disability) AND (cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#25 (disabled persons OR handicapped OR disabled person OR disabled persons OR people with disability* OR person with disability OR persons with disability) AND (third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance) AND (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

27. WanFang (01/01/2008- 03/11/2012, 456 retrieved)

#1 Subject:(弱势群体+儿童+青少年+青年+少年+婴幼儿+婴儿+幼儿+新生儿+未成年+老年人+妇女+穷人+贫困人口+贫困人群+个体经营者+自由职业者

+非正式行业+低收入者+低收入人群+低收入人口+失业者+失业人群+失业人口+农村人口+乡村人口+农村居民+乡村居民+农民+农民工+少数民族+移民人口

+移民人群+迁居人口+移居人口+流动人口+慢性病患者+慢性病病人+长期卧床患者+长期卧床病人+久病患者+残疾人+脆弱人群)

#2 Subject:(健康保险+医疗保险+疾病保险+医疗保障+社会保险+卫生筹资+医疗补助+医疗救助+社区卫生+社区卫生筹资机构+社区筹资+预付式保险+互助医疗

+合作医疗+第三方支付+费用分摊+风险分摊+蓝盾保险+新型农村合作医疗制度+养老保险制度)

#3 Subject:(覆盖+加入+参加+登记+注册+参保)

#4 Subject:(干预+控制+评估)

#5 1 * 2 * 3 * 4 * 5

28. China National Knowledge Infrastructure (CHKD-CNKI) (01/01/2008- 02/11/2012, 130 retrieved)

(SU=儿童 OR SU=青少年 OR SU=青年 OR SU=少年 OR SU=婴幼儿 OR SU=婴儿 OR SU=幼儿 OR SU=新生儿 OR SU=学生 OR SU=未成年 OR SU=老年人

OR SU=妇女 OR SU=穷人 OR SU=贫困 OR SU=个体经营 OR SU=自由职业 OR SU=非正式行业 OR SU=低收入 OR SU=失业 OR SU=农村 OR SU=乡村 OR SU=农民

OR SU=农民工 OR SU=少数民族 OR SU=移民 OR SU=迁居 OR SU=移居 OR SU=流动人口 OR SU=流动人群 OR SU=慢性病 OR SU=长期卧床 OR SU=久病患者

OR SU=残疾人 OR SU=脆弱人群 OR SU=弱势群体) AND (SU=健康保险 OR SU=医疗保险 OR SU=疾病保险 OR SU=医疗保障 OR SU=社会保险 OR SU=卫生筹资

OR SU=医疗补助 OR SU=医疗救助 OR SU=社区卫生 OR SU=社区卫生筹资机构 OR SU=社区筹资 OR SU=预付式保险 OR SU=互助医疗 OR SU=合作医疗

OR SU=第三方支付 OR SU=费用分摊 OR SU=风险分摊 OR SU=蓝盾保险 OR SU=新型农村合作医疗制度 OR SU=养老保险制度) AND (SU=覆盖 OR SU=加入 OR SU=参加 OR SU=登记 OR SU=注册 OR SU=参保) AND (SU=干预 OR SU=控制 OR SU=评估) AND YE=2008-2012

Appendix 2. Search strategies for the previous review (Meng 2010b)

SEARCH STRATEGIES

1. EPOC Register (CENTRAL, Cochrane Library) (30 June 2009, 94 retrieved)

#1 MeSH descriptor Child explode all trees

#2 MeSH descriptor Infant explode all trees

Strategies for expanding health insurance coverage in vulnerable populations (Review)

#3 MeSH descriptor Minors, this term only

#4 MeSH descriptor Adolescent, this term only

#5 (child or children or adolescent* or kid* or infant* or minor* or young NEXT people or young NEXT person* or teenager* or teen*):ti,ab

#6 (#1 OR #2 OR #3 OR #4 OR #5)

#7 MeSH descriptor Insurance explode all trees

#8 MeSH descriptor Medically Uninsured, this term only

#9 MeSH descriptor National Health Programs explode all trees

#10 MeSH descriptor Medicare explode all trees

#11 (health* NEAR/3 insur* or medical* NEAR/3 insur* or uninsur* or medicare or medicaid or insur* NEAR/3 program* or (cost NEXT cover*) NEAR/3 program* or (cost NEXT recover*) NEAR/3 program* or reimburs* NEAR/3 program*):ti,ab

#12 (#7 OR #8 OR #9 OR #10 OR #11)

#13 (#6 AND #12)

#14 (sr-epoc)

#15 (#13 AND #14)

2. CENTRAL (2 April 2009, 192 retrieved)

#1 exp child/ or exp adolescent/ or exp minors/ or exp infant/ or exp students/ or (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or 'young people' or 'young person' or 'young persons' or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) .ti,ab.

#2 exp financing, government/ or exp insurance/ or ('health insurance' or 'health financing' or 'medical insurance' or Medicaid or 'medical scheme' or 'medical schemes' or 'community based health organization' or 'community based health organizations' or 'community-based health organization' or 'community-based health organizations' or 'community health planning' or 'community health finance organization' or 'community health finance organizations' or 'community financing' or 'community self-financing' or 'mutual health organization' or 'mutual health organizations' or 'mutual health care' or 'mutual health association' or 'mutual health associations' or mutuelles or 'prepayment insurance organization' or 'prepayment insurance organizations' or 'cooperative medical scheme' or 'cooperative medical schemes' or 'cooperative medical system' or 'cooperative medical systems' or 'prepaid health care' or 'prepaid health plans' or 'prepaid health plan' or 'prepayment plan' or 'prepayment plans' or 'prepayment scheme' or 'prepayment schemes' or 'third-party payment' or 'third-party payer' or 'third party payment' or 'third party payer' or 'third-party payments' or 'third-party payers' or 'third party payments' or 'third party payers' or 'cost sharing' or 'risk pooling' or 'blue shield' or 'managed care programs' or 'managed care program' or 'sickness insurance') .ti,ab.

#3 (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or 'take part in' or 'taking part in' or 'took part in' or 'taken part in' or 'takes part in' or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering) .ti,ab.

#4 1 and 2 and 3

3. PubMed (26 January 2010, 2098 retrieved)

#1 child[MH]

#2 adolescent[MH]

#3 minors[MH]

#4 infant[MH]

#5 students[MH]

#6 child[TIAB] OR children[TIAB]

#7 adolescent[TIAB] OR adolescents[TIAB]

- #8 minor[TIAB] OR minors[TIAB]
- #9 infant[TIAB] OR infants[TIAB]
- #10 student[TIAB] OR students[TIAB]
- #11 kid[TIAB] OR kids[TIAB]
- #12 teenager[TIAB] OR teenagers[TIAB]
- #13 teen[TIAB] OR teens[TIAB]
- #14 youth[TIAB] OR youths[TIAB]
- #15 juvenile[TIAB] OR juveniles[TIAB]
- #16 newborn[TIAB] OR newborns[TIAB]
- #17 neonate[TIAB] OR neonates[TIAB]
- #18 "young people"[TIAB]
- #19 "young person"[TIAB] OR "young persons"[TIAB]
- #20 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19
- #21 financing, government[MH]
- #22 insurance[MH]
- #23 "health insurance"[TIAB]
- #24 "health financing"[TIAB]
- #25 "medical insurance"[TIAB]
- #26 Medicaid[TIAB]
- #27 "medical scheme"[TIAB] OR "medical schemes"[TIAB]
- #28 "community based health organization"[TIAB] OR "community based health organizations"[TIAB]
- #29 "community-based health organization"[TIAB] OR "community-based health organizations"[TIAB]
- #30 "community health planning"[TIAB]
- #31 "community health finance organization"[TIAB] OR "community health finance organizations"[TIAB]
- #32 "community financing"[TIAB]
- #33 "community self-financing"[TIAB]
- #34 "mutual health organization"[TIAB] OR "mutual health organizations"[TIAB]
- #35 "mutual health care"[TIAB]
- #36 "mutual health association"[TIAB] OR "mutual health associations"[TIAB]
- #37 mutuelles[TIAB]
- #38 "prepayment insurance organization"[TIAB] OR "prepayment insurance organizations"[TIAB]
- #39 "cooperative medical scheme"[TIAB] OR "cooperative medical schemes"[TIAB]
- #40 "cooperative medical system"[TIAB] OR "cooperative medical systems"[TIAB]
- #41 "prepaid health care"[TIAB]
- #42 "prepaid health plans"[TIAB] OR "prepaid health plan"[TIAB]

- #43 "prepayment plan"[TIAB] OR "prepayment plans"[TIAB]
- #44 "prepayment scheme"[TIAB] OR "prepayment schemes"[TIAB]
- #45 "third-party payment"[TIAB] OR "third-party payer"[TIAB] OR "third party payment"[TIAB] OR "third party payer"[TIAB]
- #46 "third-party payments"[TIAB] OR "third-party payers"[TIAB] OR "third party payments"[TIAB] OR "third party payers"[TIAB]
- #47 "cost sharing"[TIAB] OR "risk pooling"[TIAB]
- #48 "blue shield"[TIAB]
- #49 "managed care programs"[TIAB] OR "managed care program"[TIAB]
- #50 "sickness insurance"[TIAB]
- #51 #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45 OR #46 OR #47 OR #48 OR #49 OR #50
- #52 coverage[TIAB] OR cover[TIAB] OR covering[TIAB] OR covered[TIAB] OR covers[TIAB]
- #53 participat*[TIAB]
- #54 join[TIAB] OR joins[TIAB] OR joining[TIAB] OR joined[TIAB]
- #55 enrol*[TIAB]
- #56 recruit*[TIAB]
- #57 membership[TIAB] OR memberships[TIAB]
- #58 eligib*[TIAB]
- #59 entitl*[TIAB]
- #60 "take part in"[TIAB] OR "taking part in"[TIAB] OR "took part in"[TIAB] OR "taken part in"[TIAB] OR "takes part in"[TIAB]
- #61 enter[TIAB] OR entering[TIAB] OR entered[TIAB] OR enters[TIAB]
- #62 register[TIAB] OR registers[TIAB] OR registration[TIAB] OR registrations[TIAB] OR registered[TIAB] OR registering[TIAB]
- #63 #52 OR #53 OR #54 OR #55 OR #56 OR #57 OR #58 OR #59 OR #60 OR #61 OR #62
- #64 #20 AND #51 AND #63
- #65 randomized controlled trial[PT] OR random*[TIAB] OR intervention*[TIAB] OR control[TIAB] OR controll[TIAB] OR controls[TIAB] OR controls[TIAB] OR controles[TIAB] OR controlles[TIAB] OR controlled[TIAB] OR controlld[TIAB] OR controlld[TIAB] OR evaluat*[TIAB]
- #66 "Animals"[MH] NOT ("Animals"[MH] AND "Humans"[MH])
- #67 #65 NOT #66
- #68 #64 AND #67

4. EMBASE (1 April 2009, 1877 retrieved)

- #1 exp child/ OR exp adolescent/ OR exp newborn/ OR exp student/ OR (child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR 'young people' OR 'young person' OR 'young persons' OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths).ti,ab.
- #2 exp insurance/ OR ('health insurance' OR 'health financing' OR 'medical insurance' OR Medicaid OR 'medical scheme' OR 'medical schemes' OR 'community based health organization' OR 'community based health organizations' OR 'community-based health organization' OR 'community-based health organizations' OR 'community health planning' OR 'community health finance organization' OR 'community health finance organizations' OR 'community financing' OR 'community self-financing' OR 'mutual health organization' OR 'mutual health organizations' OR 'mutual health care' OR 'mutual health association' OR 'mutual health associations' OR mutuelles OR 'prepayment insurance organization' OR 'prepayment insurance organizations' OR 'cooperative medical scheme' OR 'cooperative medical schemes' OR 'cooperative medical system' OR 'cooperative medical systems' OR 'prepaid health care' OR 'prepaid health plans' OR 'prepaid

Strategies for expanding health insurance coverage in vulnerable populations (Review)

58

health plan' OR 'prepayment plan' OR 'prepayment plans' OR 'prepayment scheme' OR 'prepayment schemes' OR 'third-party payment' OR 'third-party payer' OR 'third party payment' OR 'third party payer' OR 'third-party payments' OR 'third-party payers' OR 'third party payments' OR 'third party payers' OR 'cost sharing' OR 'risk pooling' OR 'blue shield' OR 'managed care programs' OR 'managed care program' OR 'sickness insurance').ti,ab.

#3 (coverage OR cover OR covering OR covered OR covers OR "participat*" OR join OR joins OR joining OR joined OR "enrol*" OR "recruit*" OR membership OR memberships OR "eligib*" OR "entitl*" OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering).ti,ab.

#4 Randomized controlled trial/ OR (random\$ OR experiment\$ OR (time adj series) OR pre test OR pretest OR post test OR posttest OR impact OR intervention\$ OR chang\$ OR evaluat\$ OR effect? OR compar\$ OR control\$).tw.

#5 #4 NOT Nonhuman/

#6 #1AND #2 AND #3 AND #5

5. PsycINFO (2 April 2009, 481 retrieved)

1 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or "young people" or "young person" or "young persons" or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths):Keywords OR (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or "young people" or "young person" or "young persons" or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths):Abstract

2 ("health insurance" or "health financing" or "medical insurance" or Medicaid or "medical scheme" or "medical schemes" or "community based health organization" or "community based health organizations" or "community-based health organization" or "community-based health finance organizations" or "community health planning" or "community health finance organization" or "community health finance organizations" or "community financing" or "community self-financing" or "mutual health organization" or "mutual health organizations" or "mutual health care" or "mutual health association" or "mutual health associations" or mutuelles or "prepayment insurance organization" or "prepayment insurance organizations" or "cooperative medical scheme" or "cooperative medical schemes" or "cooperative medical system" or "cooperative medical systems" or "prepaid health care" or "prepaid health plans" or "prepaid health plan" or "prepayment plan" or "prepayment plans" or "prepayment scheme" or "prepayment schemes" or "third-party payment" or "third-party payer" or "third party payment" or "third party payer" or "third-party payments" or "third-party payers" or "third party payments" or "third party payers" or "cost sharing" or "risk pooling" or "blue shield" or "managed care programs" or "managed care program" or "sickness insurance"):Keywords OR ("health insurance" or "health financing" or "medical insurance" or Medicaid or "medical scheme" or "medical schemes" or "community based health organization" or "community based health organizations" or "community-based health organization" or "community-based health finance organizations" or "community health planning" or "community health finance organization" or "community health finance organizations" or "community financing" or "community self-financing" or "mutual health organization" or "mutual health organizations" or "mutual health care" or "mutual health association" or "mutual health associations" or mutuelles or "prepayment insurance organization" or "prepayment insurance organizations" or "cooperative medical scheme" or "cooperative medical schemes" or "cooperative medical system" or "cooperative medical systems" or "prepaid health care" or "prepaid health plans" or "prepaid health plan" or "prepayment plan" or "prepayment plans" or "prepayment scheme" or "prepayment schemes" or "third-party payment" or "third-party payer" or "third party payment" or "third party payer" or "third-party payments" or "third-party payers" or "third party payments" or "third party payers" or "cost sharing" or "risk pooling" or "blue shield" or "managed care programs" or "managed care program" or "sickness insurance"):Abstract

3 (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or "take part in" or "taking part in" or "took part in" or "taken part in" or "takes part in" or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering):Keywords OR (coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or "take part in" or "taking part in" or "took part in" or "taken part in" or "takes part in" or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering):Abstract

4 1 and 2 and 3

6. ERIC (2 April 2009, 887 retrieved)

1 KW=(child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths)

2 KW=(health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health

organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance)

3 KW=(coverage or cover or covering or covered or covers or participat* or join or joins or joining or joined or enrol* or recruit* or membership or memberships or eligib* or entitl* or take part in or taking part in or took part in or taken part in or takes part in or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

4 1 and 2 and 3

7. PAIS (2 April 2009, 373 retrieved)

#1 KW=child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles? OR newborn OR newborns OR neonate OR neonates OR young people OR young person OR young persons

#2 KW=health insurance OR health financing OR medical insurance OR Medicaid OR medical scheme OR medical schemes OR community based health organization OR community based health organizations OR community-based health organization OR community-based health organizations OR community health planning OR community health finance organization OR community health finance organizations OR community financing OR community self-financing OR mutual health organization OR mutual health organizations OR mutual health care OR mutual health association OR mutual health associations OR mutuelles OR prepayment insurance organization OR prepayment insurance organizations OR cooperative medical scheme OR cooperative medical schemes OR cooperative medical system OR cooperative medical systems OR prepaid health care OR prepaid health plan OR prepaid health plans OR prepayment plan OR prepayment plans OR prepayment scheme OR prepayment schemes OR third-party payment OR third-party payer OR third party payment OR third party payer OR third-party payments OR third-party payers OR third party payments OR third party payers OR cost sharing OR risk pooling OR blue shield OR managed care program OR managed care programs OR sickness insurance

#3 KW=coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR take part in OR taking part in OR took part in OR taken part in OR takes part in OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering

#4 #1 AND #2 AND #3

8. IBSS (2 April 2009, 82 retrieved)

#1 exp adolescents/ OR exp students/ OR exp children/ OR exp youth/ OR exp adolescence/ OR (child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR young people OR young person OR young persons OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths).ab,ti.

#2 exp insurance/ OR (health insurance OR health financing OR medical insurance OR Medicaid OR medical scheme OR medical schemes OR community based health organization OR community based health organizations OR community-based health organization OR community-based health organizations OR community health planning OR community health finance organization OR community health finance organizations OR community financing OR community self-financing OR mutual health organization OR mutual health organizations OR mutual health care OR mutual health association OR mutual health associations OR mutuelles OR prepayment insurance Organization OR prepayment insurance organizations OR cooperative medical scheme OR cooperative medical schemes OR cooperative medical system OR cooperative medical systems OR prepaid health care OR prepaid health plans OR prepaid health plan OR prepayment plan OR prepayment plans OR prepayment scheme OR prepayment schemes OR third-party payment OR third-party payer OR third party payment OR third party payer OR third-party payments OR third-party payers OR third party payments OR third party payers OR cost sharing OR risk pooling OR blue shield OR managed care programs OR managed care program OR sickness insurance) .ab,ti.

#3 (coverage OR cover OR covering OR covered OR covers OR "participat*" OR join OR joins OR joining OR joined OR "enrol*" OR "recruit*" OR membership OR memberships OR "eligib*" OR "entitl*" OR take part in OR taking part in OR took part in OR taken part in OR takes part in OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registered OR registering) .ab,ti.

#4 #1 AND #2 AND #3

9. WHOLIS (6 April 2009, 15 retrieved)

1 subject "child OR adolescent OR minors OR infant OR students" OR title "child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR 'young people' OR 'young person' OR 'young persons'" OR words or phrase "child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR 'young people' OR 'young person' OR 'young persons'"

2 subject "financing, government OR insurance " OR title "'health insurance' OR 'health financing'OR 'medical insurance' OR Medicaid OR 'medical scheme' OR 'medical schemes' OR 'community based health organization' OR 'community based health organizations' OR 'community-based health organization' OR 'community-based health organizations' OR 'community health planning' OR 'community health finance organization' OR 'community health finance organizations' OR 'community financing' OR 'community self-financing' OR 'mutual health organization' OR 'mutual health organizations' OR 'mutual health care' OR 'mutual health association' OR 'mutual health associations' OR mutuelles OR 'prepayment insurance organization' OR 'prepayment insurance organizations' OR 'cooperative medical scheme' OR 'cooperative medical schemes' OR 'cooperative medical system' OR 'cooperative medical systems' OR 'prepaid health care' OR 'prepaid health plan' OR 'prepaid health plans' OR 'prepayment plan' OR 'prepayment plans' OR 'prepayment scheme' OR 'prepayment schemes' OR 'third-party payment' OR 'third-party payer' OR 'third party payment' OR 'third party payer' OR 'third-party payments' OR 'third-party payers' OR 'third party payments' OR 'third party payers' OR 'cost sharing' OR 'risk pooling' OR 'blue shield' OR 'managed care program' OR 'managed care programs' OR 'sickness insurance'" OR words or phrase "'health insurance' OR 'health financing'OR 'medical insurance' OR Medicaid OR 'medical scheme' OR 'medical schemes' OR 'community based health organization' OR 'community based health organizations' OR 'community-based health organization' OR 'community-based health organizations' OR 'community health planning' OR 'community health finance organization' OR 'community health finance organizations' OR 'community financing' OR 'community self-financing' OR 'mutual health organization' OR 'mutual health organizations' OR 'mutual health care' OR 'mutual health association' OR 'mutual health associations' OR mutuelles OR 'prepayment insurance organization' OR 'prepayment insurance organizations' OR 'cooperative medical scheme' OR 'cooperative medical schemes' OR 'cooperative medical system' OR 'cooperative medical systems' OR 'prepaid health care' OR 'prepaid health plan' OR 'prepaid health plans' OR 'prepayment plan' OR 'prepayment plans' OR 'prepayment scheme' OR 'prepayment schemes' OR 'third-party payment' OR 'third-party payer' OR 'third party payment' OR 'third party payer' OR 'third-party payments' OR 'third-party payers' OR 'third party payments' OR 'third party payers' OR 'cost sharing' OR 'risk pooling' OR 'blue shield' OR 'managed care program' OR 'managed care programs' OR 'sickness insurance'"

3 1 AND 2

10. Global Health (3 April 2009, 472 retrieved)

1 exp children/ OR exp adolescents/ OR exp infants/ OR exp students/ OR exp youth/ OR (child or children or adolescent or adolescents or minor or minors or infant or infants or student or students or kid or kids or teenager or teenagers or teen or teens or youth or youths or juvenile or juveniles or newborn or newborns or neonate or neonates or young people or young person or young persons).ti,ab.

2 exp insurance/ OR exp health insurance/ OR exp third party payments/ OR (health insurance OR health financing OR medical insurance OR Medicaid OR medical scheme OR medical schemes OR community based health organization OR community based health organizations OR community-based health organization OR community-based health organizations OR community health planning OR community health finance organization OR community health finance organizations OR community financing OR community self-financing OR mutual health organization OR mutual health organizations OR mutual health care OR mutual health association OR mutual health associations OR mutuelles OR prepayment insurance organization OR prepayment insurance organizations OR cooperative medical scheme OR cooperative medical schemes OR cooperative medical system OR cooperative medical systems OR prepaid health care OR prepaid health plan OR prepaid health plans OR prepayment plan OR prepayment plans OR prepayment scheme OR prepayment schemes OR third-party payment OR third-party payer OR third party payment OR third party payer OR third-party payments OR third-party payers OR third party payments OR third party payers OR cost sharing OR risk pooling OR blue shield OR managed care program OR managed care programs OR sickness insurance).ti,ab.

3 (coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR take part in OR taking part in OR took part in OR taken part in OR takes part in OR enter OR entering OR entered OR enters OR register OR registers OR registration OR registrations OR registered OR registering).ti,ab.

4 1 AND 2 AND 3

11. World Bank - Documents & Reports (11 April 2009, 22 retrieved)

With the exact phrase: health insurance; health financing; medical insurance; Medicaid ; medical scheme ; community based health organization; community-based health organization; community health planning; community health finance organization; community financing; community self-financing; mutual health organization; mutual health care ; mutual health association; mutuelles; prepayment insurance organization; cooperative medical scheme; cooperative medical system; prepaid health care; prepaid health plan; prepayment plan; prepayment scheme; third-party payment; third-party payer; third party payment ; third party payer ; cost sharing ; risk pooling; blue shield; managed care program ; sickness insurance

12. Popline (6 April 2009, 652 retrieved)

SUBJECT: (child / children / adolescent / adolescents / kid / kids / infant / infants / juvenile / juveniles / newborn / newborns / student / students / young people / young person / young persons / teenager / teenagers / teen / teens / minor / minors / neonate / neonates / youth / youths) & (health insurance / health financing / medical insurance / Medicaid /? medical scheme / medical schemes / community based health organization / community based health organizations / community-based health organization / community-based health organizations / community health planning / community health finance organization / community health finance organizations / community financing / community self-financing / mutual health organization / mutual health organizations / mutual health care / mutual health association / mutual health associations / mutuelles / prepayment insurance organization / prepayment insurance organizations / cooperative medical scheme / cooperative medical schemes / cooperative medical system / cooperative medical systems / prepaid health care / prepaid health plans / prepaid health plan / prepayment plan / prepayment plans / prepayment scheme / prepayment schemes / third-party payment / third-party payer / third party payment / third party payer / third-party payments / third-party payers / third party payments / third party payers / cost sharing / risk pooling / blue shield / managed care programs / managed care program /? sickness insurance) & (coverage / cover / covering / covered / covers / participat* / join / joins / joining / joined / enrol* / recruit* / membership / memberships / eligib* / entitl* / take part in /? taking part in / took part in / taken part in / takes part in / enter / entering / entered / enters / register / registers / registration / registrations / registered / registering)

13. JSTOR (4 April 2009, 207 retrieved)

1 (ti:(child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons") OR ab:(child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons"))

2 (ti:(insurance OR "health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance") OR ab:(insurance OR "health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance"))

3 (ti:(coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR covers OR covering OR covered OR enters OR register* OR registration OR registrations) OR ab:(coverage OR cover OR covering OR covered OR covers OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR enter OR covers OR covering OR covered OR enters OR register* OR registration OR registrations))

4 1 AND 2 AND 3

14. EconLit (3 April 2009, 213 retrieved)

#1 KW=(child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or 'young people' or 'young person' or 'young persons' or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths)

#2 KW=('health insurance' or 'health financing' or 'medical insurance' or Medicaid or 'medical scheme' or 'medical schemes' or 'community based health organization' or 'community based health organizations' or 'community-based health organization' or 'community-

based health organizations' or 'community health planning' or 'community health finance organization' or 'community health finance organizations' or 'community financing' or 'community self-financing' or 'mutual health organization' or 'mutual health organizations' or 'mutual health care' or 'mutual health association' or 'mutual health associations' or 'mutuelles' or 'prepayment insurance organization' or 'prepayment insurance organizations' or 'cooperative medical scheme' or 'cooperative medical schemes' or 'cooperative medical system' or 'cooperative medical systems' or 'prepaid health care' or 'prepaid health plans' or 'prepaid health plan' or 'prepayment plan' or 'prepayment plans' or 'prepayment scheme' or 'prepayment schemes' or 'third-party payment' or 'third-party payer' or 'third party payment' or 'third party payer' or 'third-party payments' or 'third-party payers' or 'third party payments' or 'third party payers' or 'cost sharing' or 'risk pooling' or 'blue shield' or 'managed care programs' or 'managed care program' or 'sickness insurance')

#3 KW=(coverage or cover or covering or covered or covers or "participat*" or join or joins or joining or joined or "enrol*" or "recruit*" or membership or memberships or "eligib*" or "entitl*" or 'take part in' or 'taking part in' or 'took part in' or 'taken part in' or 'takes part in' or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#4 #1 and #2 and #3

15. SSRN (4 June 2009, 22 retrieved)

#1 (child OR children OR adolescent OR adolescents OR kid OR kids OR infant OR infants OR juvenile OR juveniles OR newborn OR newborns OR student OR students OR young people OR young person OR young persons OR teenager OR teenagers OR teen OR teens OR minor OR minors OR neonate OR neonates OR youth OR youths) AND health insurance

#2 With The Exact Phrase: "medical insurance"; "health financing"; Medicaid; "medical scheme"; "medical schemes"; "community based health organization"; "community based health organizations"; "community-based health organization"; "community-based health organizations"; "community health planning"; "community health finance organization"; "community health finance organizations"; "community financing"; "community self-financing"; "mutual health organization"; "mutual health organizations"; "mutual health care"; "mutual health association"; "mutual health associations"; mutuelles; "prepayment insurance organization"; "prepayment insurance organizations"; "cooperative medical scheme"; "cooperative medical schemes"; "cooperative medical system"; "cooperative medical systems"; "prepaid health care"; "prepaid health plan"; "prepaid health plans"; "prepayment plan"; "prepayment plans"; "prepayment scheme"; "prepayment schemes"; "third-party payment"; "third-party payments"; "third-party payer"; "third-party payers"; "cost sharing"; "risk pooling"; "blue shield"; "managed care program"; "managed care programs"; "sickness insurance"

16. IDEAS (6 April 2009, 56 retrieved)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" health insurance " | " medical insurance ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" health financing " | Medicaid|" medical scheme ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" community based health organization " | " community-based health organization ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" community health planning " | " community health finance organization ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" community financing " | " community self-financing ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" mutual health organization " | " mutual health care ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" mutual health association " | mutuelles) + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" prepayment insurance organization " | " cooperative medical scheme ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" cooperative medical system " | " prepaid health care ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" prepaid health plan " | " prepayment plan ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate| youth) + (" prepayment scheme " | " third-party payment ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

Strategies for expanding health insurance coverage in vulnerable populations (Review)

63

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate | youth) + (" third-party payer " | " third party payment ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate | youth) + (" third party payer " | " cost sharing ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate | youth) + (" risk pooling " | " blue shield ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

(child | children | adolescent | kid | infant | juvenile | newborn | student | teenager | teen | minor | neonate | youth) + (" managed care program " | " sickness insurance ") + (coverage | cover | participat | enroll | eligible | entitl | register | membership)

17. ELDIS (11 April 2009, 916 retrieved)

1 child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR young people OR young person OR young persons

2 health insurance OR health financing OR medical insurance OR Medicaid OR medical scheme OR medical schemes OR community based health organization OR community based health organizations OR community-based health organization OR community-based health organizations OR community health planning OR community health finance organization OR community health finance organizations OR community financing OR community self-financing OR mutual health organization OR mutual health organizations OR mutual health care OR mutual health association OR mutual health associations OR mutuelles OR prepayment insurance organization OR prepayment insurance organizations OR cooperative medical scheme OR cooperative medical schemes OR cooperative medical system OR cooperative medical systems OR prepaid health care OR prepaid health plan OR prepaid health plans OR prepayment plan OR prepayment plans OR prepayment scheme OR prepayment schemes OR third-party payment OR third-party payer OR third party payment OR third party payer OR third-party payments OR third-party payers OR third party payments OR third party payers OR cost sharing OR risk pooling OR blue shield OR managed care program OR managed care programs OR sickness insurance

3 1 AND 2

18. BLDS (4 April 2009, 10 retrieved)

1 (child* or adolescent* or kid* or infant* or juvenile* or newborn* or student* or young people or young person or young persons or teen* or minor* or neonate* or youth*) in All fields

2 (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance): in All fields

3 1 AND 2

19. OpenSIGLE (12 April 2009, 1 retrieved)

1 (child OR children OR adolescent* OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager* OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons") OR (abstract:child OR children OR adolescent* OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager* OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons") OR (title:child OR children OR adolescent* OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager* OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR neonates OR "young people" OR "young person" OR "young persons")

2 ("health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative

medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance") OR (abstract:"health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance") OR (title:"health insurance" OR "health financing" OR "medical insurance" OR Medicaid OR "medical scheme" OR "medical schemes" OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR "community financing" OR "community self-financing" OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR "prepayment plan" OR "prepayment plans" OR "prepayment scheme" OR "prepayment schemes" OR "third-party payment" OR "third-party payer" OR "third party payment" OR "third party payer" OR "third-party payments" OR "third-party payers" OR "third party payments" OR "third party payers" OR "cost sharing" OR "risk pooling" OR "blue shield" OR "managed care program" OR "managed care programs" OR "sickness insurance")

3 (cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership* OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*) OR (abstract:cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership* OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*) OR (title:cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership* OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*)

4 1 AND 2 AND 3

20. NTIS (3 April 2009, 549 retrieved)

#1 KW=(child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or 'young people' or 'young person' or 'young persons' or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths)

#2 KW=('health insurance' or 'health financing' or 'medical insurance' or Medicaid or 'medical scheme' or 'medical schemes' or 'community based health organization' or 'community based health organizations' or 'community-based health organization' or 'community-based health organizations' or 'community health planning' or 'community health finance organization' or 'community health finance organizations' or 'community financing' or 'community self-financing' or 'mutual health organization' or 'mutual health organizations' or 'mutual health care' or 'mutual health association' or 'mutual health associations' or mutuelles or 'prepayment insurance organization' or 'prepayment insurance organizations' or 'cooperative medical scheme' or 'cooperative medical schemes' or 'cooperative medical system' or 'cooperative medical systems' or 'prepaid health care' or 'prepaid health plans' or 'prepaid health plan' or 'prepayment plan' or 'prepayment plans' or 'prepayment scheme' or 'prepayment schemes' or 'third-party payment' or 'third-party payer' or 'third party payment' or 'third party payer' or 'third-party payments' or 'third-party payers' or 'third party payments' or 'third party payers' or 'cost sharing' or 'risk pooling' or 'blue shield' or 'managed care programs' or 'managed care program' or 'sickness insurance')

#3 KW=(coverage or cover or covering or covered or covers or "participat*" or join or joins or joining or joined or "enrol*" or "recruit*" or membership or memberships or "eligib*" or "entitl*" or 'take part in' or 'taking part in' or 'took part in' or 'taken part in' or 'takes part in' or enter or entering or entered or enters or register or registers or registration or registrations or registered or registering)

#4 #1 and #2 and #3

21. ProQuest Dissertation & Theses Database (5 April 2009, 644 retrieved)

(child OR children OR adolescent OR adolescents OR minor OR minors OR infant OR infants OR student OR students OR kid OR kids OR teenager OR teenagers OR teen OR teens OR youth OR youths OR juvenile OR juveniles OR newborn OR newborns OR neonate OR

Strategies for expanding health insurance coverage in vulnerable populations (Review)

neonates OR young people OR young person OR young persons) AND (insurance OR health insurance OR health financing OR medical insurance OR Medicaid OR medical scheme OR medical schemes OR "community based health organization" OR "community based health organizations" OR "community-based health organization" OR "community-based health organizations" OR "community health planning" OR "community health finance organization" OR "community health finance organizations" OR community financing OR community self-financing OR "mutual health organization" OR "mutual health organizations" OR "mutual health care" OR "mutual health association" OR "mutual health associations" OR mutuelles OR "prepayment insurance organization" OR "prepayment insurance organizations" OR "cooperative medical scheme" OR "cooperative medical schemes" OR "cooperative medical system" OR "cooperative medical systems" OR "prepaid health care" OR "prepaid health plan" OR "prepaid health plans" OR prepayment plan OR prepayment plans OR prepayment scheme OR prepayment schemes OR third-party payment OR third-party payer OR "third party payment" OR "third party payer" OR third-party payments OR third-party payers OR "third party payments" OR "third party payers" OR cost sharing OR risk pooling OR blue shield OR "managed care program" OR "managed care programs" OR sickness insurance) AND (cover* OR participat* OR join OR joins OR joining OR joined OR enrol* OR recruit* OR membership OR memberships OR enter OR entering OR entered OR enters OR eligib* OR entitl* OR "take part in" OR "taking part in" OR "took part in" OR "taken part in" OR "takes part in" OR regist*)

22. ISI Proceedings (5 April 2009, 1507 retrieved)

#1 ts=child OR ts=children OR ts=adolescent\$ OR ts=adolescence OR ts=kid\$ OR ts=infant\$ OR ts=juvenile\$ OR ts=newborn\$ OR ts=student\$ OR ts="young people" OR ts="young person\$" OR ts=teenager\$ OR ts=teen\$ OR ts=minor\$ OR ts=neonate\$ OR ts=youth\$

#2 ts="health insurance" OR ts="health financing" OR ts="medical insurance" OR ts=Medicaid OR ts="medical scheme\$" OR ts="community based health organization\$" OR ts="community-based health organization\$" OR ts="community health planning" OR ts="community health finance organization\$" OR ts="community financing" OR ts="community self-financing" OR ts="mutual health organization\$" OR ts="mutual health care" OR ts="mutual health association\$" OR ts=mutuelles OR ts="prepayment insurance Organization\$" OR ts="cooperative medical scheme\$" OR ts="cooperative medical system\$" OR ts="prepaid health care" OR ts="prepaid health plan\$" OR ts="prepayment plan\$" OR ts="prepayment scheme\$" OR ts="third-party payment\$" OR ts="third-party payer\$" OR ts="third party payment\$" OR ts="third party payer\$" OR ts="cost sharing" OR ts="risk pooling" OR ts="blue shield" OR ts="managed care program\$" OR ts="sickness insurance"

#3 ts=cover* OR ts=participat* OR ts=join* OR ts=enrol* OR ts=recruit* OR ts=membership\$ OR ts=eligib* OR ts=entitl* OR ts="take part in" OR ts="taking part in" OR ts="took part in" OR ts="taken part in" OR ts="takes part in" OR ts="enter*" OR ts="register*"

#4 #1 AND #2 AND #3

23. PAHO Library Catalogue (6 January 2010, 66 retrieved)

1 children [Subject descriptor] and health insurance [Subject descriptor]

2 children [Subject descriptor] and health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance [Words]

3 child or adolescent or kid or infant or juvenile or newborn or student or young people or young person or teen or minor or neonate or youth [Words] and health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance [Words]

4 health and insurance and coverage

5 1 OR 2 OR 3 OR 4

24. African Index Medicus (5 April 2009, 3 retrieved)

1 (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or (young and people) or (young and person) or (young and persons) or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths) [Key Word]

2 ((health and insurance) or (health and financing) or (medical and insurance) or Medicaid or (medical and scheme) or (medical and schemes) or (community and based and health and organization) or (community and based and health and organizations) or (community and health and planning) or (community and health and finance and organization) or (community and health and finance and organizations) or (community and financing) or (community and self-financing) or (mutual and health and organization) or (mutual and health and organizations) or (mutual and health and care) or (mutual and health and association) or (mutual and health and associations) or mutuelles or (prepayment and insurance and organization) or (prepayment and insurance and organizations) or (cooperative and medical and scheme) or (cooperative and medical and schemes) or (cooperative and medical and system) or (cooperative and medical and systems) or (prepaid and health and care) or (prepaid and health and plans) or (prepaid and health and plan) or (prepayment and plan) or (prepayment and plans) or (prepayment and scheme) or (prepayment and schemes) or (third and party and payment) or (third and party and payer) or (third and party and payments) or (third and party and payers) or (cost and sharing) or (risk and pooling) or (blue and shield) or (managed and care and programs) or (managed and care and program) or (sickness and insurance)) [Key Word]

3 1 and 2

25. HERDIN NeON Database (5 April 2009, 0 retrieved)

1 (child\$ or adolescent\$ or kid\$ or infant\$ or juvenile\$ or newborn\$ or student\$ or young people or young person\$ or teen\$ or minor\$ or neonate\$ or youth\$): Keywords (all fields)

2 (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance): Keywords (all fields)

3 1 AND 2

26. Thai Index Medicus (6 January 2010, 205 retrieved)

1 health AND insurance AND coverage

2 health AND insurance\$ AND children

3 1 OR 2

27. Scientific and Technical Egyptian Bibliographic Database (STEB) (5 April 2009, 36 retrieved)

1 keyword: (child or children or adolescent or adolescents or kid or kids or infant or infants or juvenile or juveniles or newborn or newborns or student or students or young people or young person or young persons or teenager or teenagers or teen or teens or minor or minors or neonate or neonates or youth or youths)

2 keyword: (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance)

3 1 AND 2

28. IndMED (5 April 2009, 16 retrieved)

1 (child\$ or adolescent\$ or kid\$ or infant\$ or juvenile\$ or newborn\$ or student\$ or young people or young person\$ or teen\$ or minor\$ or neonate\$ or youth\$): in Keywords

2 (health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance): in Keywords

3 1 AND 2

29. LILACS (30 June 2009, 307 retrieved)

(health\$ and insurance\$) or (medical\$ and insurance\$) or (insurance\$ and program\$) or (seguro and medico\$) or (seguro and salud) or (seguro and saude) [Palavras] and child or children or nino\$ or crianca or infant or infants or infantil or lactante or lactente or newborn or (recien and nacido\$) or (recem and nascido\$) or neonat\$ or baby or babies or kid or kids or toddler\$ [Palavras] and ((Pt RANDOMIZED CONTROLLED TRIAL OR Pt CONTROLLED CLINICAL TRIAL OR Mh RANDOMIZED CONTROLLED TRIALS OR Mh RANDOM ALLOCATION OR Mh DOUBLE-BLIND METHOD OR Mh SINGLE-BLIND METHOD OR Pt MULTICENTER STUDY) OR ((time and series) or random\$ or intervention\$ or control\$ or evaluat\$ or effect\$ or compare\$ or chang\$ or experiment\$ or impact) or ((tw ensaio or tw ensayo or tw trial) and (tw azar or tw acaso or tw placebo or tw control\$ or tw aleat\$ or tw random\$ or (tw duplo and tw cego) or (tw doble and tw ciego) or (tw double and tw blind)) and tw clinic\$)) AND NOT ((CT ANIMALS OR MH ANIMALS OR CT RABBITS OR CT MICE OR MH RATS OR MH PRIMATES OR MH DOGS OR MH RABBITS OR MH SWINE) AND NOT (CT HUMAN AND CT ANIMALS)) [Palavras]

30. ChinaNational Knowledge Infrastructure (CHKD-CNKI) (6 April 2009, 288 retrieved)

See <http://epocoslo.cochrane.org/sites/epocoslo.cochrane.org/files/uploads/Chinese%20databases%20search%20strategies.pdf>

31. Chinese Medicine Premier (Wanfang Data) (9 April 2009, 0 retrieved)

See <http://epocoslo.cochrane.org/sites/epocoslo.cochrane.org/files/uploads/Chinese%20databases%20search%20strategies.pdf>

32. ID21 (4 April 2009, 69 retrieved)

1 child* or adolescent* or kid* or infant* or juvenile* or newborn* or student* or young people or young person or young persons* or teen* or minor* or neonate* or youth*

2 health insurance or health financing or medical insurance or Medicaid or medical scheme or medical schemes or community based health organization or community based health organizations or community-based health organization or community-based health organizations or community health planning or community health finance organization or community health finance organizations or community financing or community self-financing or mutual health organization or mutual health organizations or mutual health care or mutual health association or mutual health associations or mutuelles or prepayment insurance organization or prepayment insurance organizations or cooperative medical scheme or cooperative medical schemes or cooperative medical system or cooperative medical systems or prepaid health care or prepaid health plans or prepaid health plan or prepayment plan or prepayment plans or prepayment scheme or prepayment schemes or third-party payment or third-party payer or third party payment or third party payer or third-party payments or third-party payers or third party payments or third party payers or cost sharing or risk pooling or blue shield or managed care programs or managed care program or sickness insurance

3 1 and 2

STUDY FLOW DIAGRAM

WHAT'S NEW
Strategies for expanding health insurance coverage in vulnerable populations (Review)

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| Date | Event | Description |
|-----------------|---------|---|
| 14 October 2019 | Amended | A link to a summary for policy-makers was added to the plain language summary |

HISTORY

Protocol first published: Issue 1, 2010

Review first published: Issue 8, 2010

| Date | Event | Description |
|------------------|--|---|
| 14 December 2012 | New citation required but conclusions have not changed | No new studies were included in this update. |
| 14 December 2012 | New search has been performed | New search for studies and content updated. Target population expanded from children to include vulnerable populations. |

CONTRIBUTIONS OF AUTHORS

All review authors have contributed to the production of the review. Qingyue Meng and Paul Garner drafted the protocol. Beibei Yuan and Liying Jia amended it with comments from all other co-authors. In the updated review, Liying Jia, Ying Lu, Fei Huang and Xin Wang applied the inclusion criteria, assessed the risk of bias and extracted data for the included studies.

DECLARATIONS OF INTEREST

There are no conflicts of interest.

SOURCES OF SUPPORT

Internal sources

- Shandong University, Other.
- Peking University, Other.

External sources

- The Alliance for Health Policy and Systems Research, World Health Organization, Switzerland.
- Norwegian Satellite of the Cochrane Effective Practice and Organisation of Care Group, Norway.
- The Effective Health Care Research Consortium, funded by Department for International Development, UK.

DIFFERENCES BETWEEN PROTOCOL AND REVIEW

We did not search the HIMC database because it is inaccessible in Shandong University, Liverpool School of Tropical Medicine and the University of Oslo. Only two studies were included, and they applied different study designs evaluating different kinds of interventions, so we can not conduct a meta-analysis.

This is an update of a previously published review ([Meng 2010b](#)). The target population for this update was expanded from children to include vulnerable populations.

INDEX TERMS

Medical Subject Headings (MeSH)

Documentation [methods]; Emergency Service, Hospital; Insurance Coverage [*organization & administration] [statistics & numerical data]; Insurance, Health [*organization & administration] [statistics & numerical data]; Latin America [ethnology]; Medically Uninsured [statistics & numerical data]; Randomized Controlled Trials as Topic; United States; Vulnerable Populations

MeSH check words

Adolescent; Child; Humans