

Supplementary file 1

Access to HIV Healthcare Services by Farmworkers in sub-Saharan Africa: Search Strategy

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions(R) <1946 to February 23, 2022>

- 1 hiv/ or hiv-1/ or hiv-2/
- 2 HIV*.mp.
- 3 AIDS.mp. or Acquired Immunodeficiency Syndrome/
- 4 (human immun* and deficiency virus).mp. or acquired immunodeficiency syndrome*.tw.
- 5 1 or 2 or 3 or 4
- 6 Anti-Retroviral Agents/ or Antiretroviral Therapy, Highly Active/
- 7 (antiretroviral* or HAART* or (anti and retroviral*) or ARV*).mp.
- 8 5 or 6 or 7
- 9 (sub-Saharan Africa or Angola or Benin or Botswana or "Burkina Faso" or Burundi or Cameroon or "Cape Verde" or "Central African Republic" or Chad).mp.
- 10 (Comoros or Congo Brazzaville or Congo Democratic Republic or "Côte d'Ivoire" or Djibouti or "Equatorial Guinea" or Eritrea or Ethiopia or Gabon or Gambia or Ghana or Guinea or "Guinea-Bissau" or Kenya or Lesotho).mp.
- 11 (Liberia or Madagascar or Malawi or Mali or Mauritania or Mauritius or Mozambique or Namibia or Niger or Nigeria or Reunion or Rwanda).mp.
- 12 ("Sao Tome and Principe" or Senegal or Seychelles or "Sierra Leone" or Somalia or "South Africa" or Sudan or Swaziland or Tanzania or Togo or Uganda or "Western Sahara" or Zambia or Zimbabwe).mp.
- 13 exp "Africa South of the Sahara"/
- 14 9 or 10 or 11 or 12 or 13
- 15 8 and 14
- 16 limit 15 to yr="1990 -Current"
- 17 (Farmworkers or "farm worker*" or "Agricultural worker*" or "migrant farmworkers" or "migrant workers" or "migrant labourer*").mp.
- 18 Farmers/
- 19 ("migrant* adj2 health" or migrants or "mobile population*").mp.
- 20 Rural Population/

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- 21 ((rural adj2 population*) or (rural adj2 communit*)).tw.
- 22 plantation worker*.mp.
- 23 agrarian.tw.
- 24 17 or 18 or 19 or 20 or 21 or 22 or 23
- 25 16 and 24
- 26 (Access* or "access to care" or knowledge or availability or provision or guidelines or "National policy" or "strategic plan").tw.
- 27 "Delivery of Health Care"/ or care package*.mp.
- 28 26 or 27
- 29 25 and 28
- 30 limit 30 to humans

Embase 1947-Present, updated daily

- 1 exp Human immunodeficiency virus/ or exp acquired immune deficiency syndrome/ or exp human immunodeficiency virus infection/ or exp human immunodeficiency virus 1/ or exp human immunodeficiency virus 2/
- 2 HIV*.tw.
- 3 AIDS.tw.
- 4 antiretroviral agents.mp. or antiretrovirus agent/
- 5 (HAART* or ARV*).tw.
- 6 1 or 2 or 3 or 4 or 5
- 7 (sub-Saharan Africa or Angola or Benin or Botswana or "Burkina Faso" or Burundi or Cameroon or "Cape Verde" or "Central African Republic" or Chad).mp.
- 8 (Comoros or Congo Brazzaville or Congo Democratic Republic or "Côte d'Ivoire" or Djibouti or "Equatorial Guinea" or Eritrea or Ethiopia or Gabon or Gambia or Ghana or Guinea or "Guinea-Bissau" or Kenya or Lesotho).mp.
- 9 (Liberia or Madagascar or Malawi or Mali or Mauritania or Mauritius or Mozambique or Namibia or Niger or Nigeria or Reunion or Rwanda).mp.
- 10 ("Sao Tome and Principe" or Senegal or Seychelles or "Sierra Leone" or Somalia or "South Africa" or Sudan or Swaziland or Tanzania or Togo or Uganda or "Western Sahara" or Zambia or Zimbabwe).mp.
- 11 exp "Africa south of the Sahara"/ep [Epidemiology]
- 12 7 or 8 or 9 or 10 or 11

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- 13 6 and 12
- 14 limit 13 to yr="1990 -Current"
- 15 (Farmworkers or "farm worker*" or "Agricultural worker*" or "migrant farmworkers" or "migrant workers" or "migrant labourer*").mp.
- 16 exp agricultural worker/
- 17 ("migrant* adj2 health" or migrants or "mobile population*").mp.
- 18 exp rural population/
- 19 ((rural adj2 population*) or (rural adj2 communit*)).tw.
- 20 plantation worker*.tw.
- 21 agrarian.tw.
- 22 15 or 16 or 17 or 18 or 19 or 20 or 21
- 23 14 and 22
- 24 (Access* or "access to care" or knowledge or availability or provision or guidelines or "National policy" or "strategic plan").tw.
- 25 health care provision.mp. or health care delivery/
- 26 care package.mp.
- 27 24 or 25 or 26
- 28 23 and 27

Cochrane Central Register of Controlled Trials**Issue 2 of 12, February 2022**

- #1 (HIV* or AIDS or Human Acquired Immunodeficiency Syndrome):ti,ab,kw
- #2 MeSH descriptor: [HIV] explode all trees
- #3 MeSH descriptor: [Acquired Immunodeficiency Syndrome] explode all trees
- #4 (human immun*) and (deficiency virus)
- #5 MeSH descriptor: [Anti-Retroviral Agents] explode all trees
- #6 MeSH descriptor: [Antiretroviral Therapy, Highly Active] explode all trees
- #7 (antiretroviral* or HAART*)
- #8 #1 or #2 or #3 or #4 or #5 or #6 or #7
- #9 ((sub-Saharan Africa or Angola or Benin or Botswana or "Burkina Faso" or Burundi or Cameroon or "Cape Verde" or "Central African Republic" or Chad) or (Comoros or Congo

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Brazzaville or Congo Democratic Republic or "Côte d'Ivoire" or Djibouti or "Equatorial Guinea" or Eritrea or Ethiopia or Gabon or Gambia or Ghana or Guinea or "Guinea-Bissau" or Kenya or Lesotho)):ti,ab,kw

#10 ((Liberia or Madagascar or Malawi or Mali or Mauritania or Mauritius or Mozambique or Namibia or Niger or Nigeria or Reunion or Rwanda) or ("Sao Tome and Principe" or Senegal or Seychelles or "Sierra Leone" or Somalia or "South Africa" or Sudan or Swaziland or Tanzania or Togo or Uganda or "Western Sahara" or Zambia or Zimbabwe)):ti,ab,kw

#11 MeSH descriptor: [Africa South of the Sahara] explode all trees

#12 #9 or #10 or #11

#13 #12 and #8

#14 ((Farmworkers or "farm worker*" or "Agricultural worker*" or "migrant farmworkers" or "migrant workers" or "migrant labourer*")):ti,ab,kw

#15 MeSH descriptor: [Farmers] explode all trees

#16 ("migrant* AND health") or migrants or "mobile population*"

#17 MeSH descriptor: [Rural Population] explode all trees

#18 (rural and population*) or (rural and communit*)

#19 plantation worker*

#20 agrarian

#21 #14 or #15 or #16 or #17 or #18 or #19 or #20

#22 #21 and #13

#23 ((Access* or "access to care" or knowledge or availability or provision or guidelines or "National policy" or "strategic plan")):ti,ab,kw

#24 care package*

#25 MeSH descriptor: [Delivery of Health Care] explode all trees

#26 #23 or #24 or #25

#27 #26 and #22

Interface - EBSCOhost Research Databases

Database - CINAHL

#	Query
S9	S6 AND S7

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S8	S6 AND S7
S7	TX (((Access* or "access to care" or knowledge or availability or provision or guidelines or "National policy" or "strategic plan"))) OR MH delivery of health care OR TX care package
S6	S4 AND S5
S5	TX (((Farmworkers or "farm worker*" or "Agricultural worker*" or "migrant farmworkers" or "migrant workers" or "migrant labourer*"))) OR MH farmers OR TX ("mobile population*" or (rural and population*) or (rural and communit*)) OR TX ((plantation worker*) or agrarian)
S4	S1 AND S2
S3	S1 AND S2
S2	TX ((sub-Saharan Africa or Angola or Benin or Botswana or "Burkina Faso" or Burundi or Cameroon or "Cape Verde" or "Central African Republic" or Chad) OR TX ((Comoros or Congo Brazzaville or Congo Democratic Republic or "Côte d'Ivoire" or Djibouti or "Equatorial Guinea" or Eritrea or Ethiopia or Gabon or Gambia or Ghana or Guinea or "Guinea-Bissau" or Kenya or Lesotho)) OR TX ((Liberia or Madagascar or Malawi or Mali or Mauritania or Mauritius or Mozambique or Namibia or Niger or Nigeria or Reunion or Rwanda)) OR TX (("Sao Tome and Principe" or Senegal or Seychelles or "Sierra Leone" or Somalia or "South Africa" or Sudan or Swaziland or Tanzania or Togo or Uganda or "Western Sahara" or Zambia or Zimbabwe)) OR MH africa south of the sahara
S1	TX (HIV* or AIDS or Human Acquired Immunodeficiency Syndrome) OR MH hiv OR MH acquired immunodeficiency syndrome OR MH Anti-Retroviral Agents OR TX antiretroviral therapy

African Index Medicus

tw:((tw:(hiv* OR aids OR antiretroviral*)) AND (tw:(farmers OR farmworkers OR agricultur* OR rural OR agrarian))) AND (collection_gim:("AIM"))

Web of Science

Editions = CPCI-SSH , CPCI-S

Search #5

#4 AND #3

Search #4

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(Farmworkers or "farm worker*" or "Agricultural worker*" or "migrant farmworkers" or "migrant workers" or "migrant labourer*") (Topic) or farmers (Topic) or "rural population*" or "rural communit*" (Topic) or "plantation worker*" or agrarian (Topic)

Search #3

#2 AND #1

Search #2

(sub-Saharan Africa or Angola or Benin or Botswana or "Burkina Faso" or Burundi or Cameroon or "Cape Verde" or "Central African Republic" or Chad) (Topic) or (Comoros or Congo Brazzaville or Congo Democratic Republic or "Côte d'Ivoire" or Djibouti or "Equatorial Guinea" or Eritrea or Ethiopia or Gabon or Gambia or Ghana or Guinea or "Guinea-Bissau" or Kenya or Lesotho) (Topic) or (Liberia or Madagascar or Malawi or Mali or Mauritania or Mauritius or Mozambique or Namibia or Niger or Nigeria or Reunion or Rwanda) (Topic) or ("Sao Tome and Principe" or Senegal or Seychelles or "Sierra Leone" or Somalia or "South Africa" or Sudan or Swaziland or Tanzania or Togo or Uganda or "Western Sahara" or Zambia or Zimbabwe) (Topic)

Search #1

(HIV* or "HIV infection*") OR TOPIC: (AIDS or "acquired immunodeficiency syndrome" or "acquired immunodeficiency syndrome") (Topic)

Google Scholar

(HIV OR AIDS) and sub saharan africa and (rural or farmers) and (access or healthcare or availability)

Screened first 100 results