

Title: Socio-ecological analysis of access to sexual and reproductive health services among migrants and refugee women in high income countries: A systematic Review

Search strategy: (last updated 01 August 2024)

1. CINAHL (N=660)

Concepts	Refugee/migrants	SRH	Health services	High-income English-speaking countries
Headings	(MH "Migrants") (MH "Immigrants+") (MH "Refugees")	(MH "Adolescent Health") (MH "Maternal-Child Health") (MH "Reproductive Health") (MH "Women's Health") (MH "Sexual Health") (MH "Sexually Transmitted Diseases+") (MH "Infertility") (MH "Contraception") (MH "Abortion, Spontaneous+") OR (MH "Abortion, Induced") OR (MH "Attitude to Abortion") (MH "Human Immunodeficiency Virus")	(MH "Women's Health Services") OR (MH "Sexual Health Services") (MH "Maternal Health Services+") (MH "Health Services") (MH "Healthcare Disparities") OR (MH "Health Care Delivery") OR (MH "Health Services Accessibility") (MH "Maternal-Child Care+") (MH "Health Education")	Australia+ Canada+ Ireland+ New Zealand+ United Kingdom+ United States+

		OR (MH "Human Papillomavirus Viruses") (MH "Gender-Based Violence") MH (Cervical cancer)	(MH "Health Screening") (MH "Sexual Counseling")	
Keywords/ synonym	migrant* immigrant* Refugee* “Asylum seeker*” Emigrant* “Culturally and linguistically diverse” CALD “Overseas born”	"Sexual health" or "Reproductive health" or *fertility or "gender-based violence" or contracept* or abortion or "sexually transmitted infection*" or "sexually transmitted disease*" or STI or HIV or "women’s health" or "maternal health" or "Adolescent health"	"Women's Health Services" or "Sexual Health Services" or "Maternal Health Services+" or "Health Services" or "Healthcare Disparities" or "Health Care Delivery" or "Health Services Accessibility" or "Maternal-Child Care+" or "Health Education" or “Health Screening” or "Sexual Counseling" (access* or disparit* or barrier* or obstacle* or determinant* or inequalit* or challeng*) N5 ("health care" or healthcare or	(Austral* OR "New Zealand" OR USA OR "United States*" OR "United States of America" OR Canada OR "United Kingdom" OR UK OR Brit* OR England OR "Northern Ireland" OR Scotland OR Wales OR Ireland

			"health service*" or "health education")	
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2. Embase (N=1295)

Concept	Migrant/Refugee	Reproductive Health	Health Care Services	High-income English-speaking countries
	Headings Exp refugee/ Exp migrant/ Exp asylum seeker/ Keywords migrant* or immigrant* or refugee* or emigrant* or "asylum seeker*" or CALD or "culturally linguistically diverse" or "overseas-born"	Headings Reproductive health/ sexual health/ Exp sexually transmitted disease/ Human immunodeficiency virus infection/ exp abortion/ exp contraception/ women's health/ exp gender based violence/ exp female fertility/ Keywords "Sexual health" or "Reproductive health" or *fertility or "gender-based violence" or contracept* or abortion or "sexually transmitted	Headings exp health service/ exp maternal care exp health care delivery/ exp health education/ exp mass screening/ health care/ exp prenatal care/ exp health care access/ exp health disparity/ exp communication barrier/ Keywords "Women's Health Service*" or "Sexual Health Service*" or "Maternal Health	Headings exp Australia/ exp United States/ exp United Kingdom/ Canada/ exp Australia/ exp Ireland/ exp New Zealand/ Keywords (Austral* or "New Zealand" or USA or "United States*" or "United States of America" or Canada or "United Kingdom" or UK or Britain or British* or England or "Northern Ireland" or Scotland or Wales or Ireland).mp.

		infection*" or "sexually transmitted disease*" or STI or HIV or "women's health" or "maternal health" or "Adolescent health"	Service*" or "Health Service*" or "Healthcare Disparit*" or "Health Care Delivery" or "Health Services Accessibility" or "Maternal-Child Care" or "Health Education" or "Health Screening" or "Sexual Counseling" (access* or disparit* or barrier* or obstacle* or determinant* or inequalit* or challeng*) adj3 (health care or healthcare or health service* or health education)	
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3. Psychinfo (N=390)

<i>Concept</i>	<i>Migrant/Refugee</i>	<i>Reproductive Health</i>	<i>Health Care Services</i>	<i>High-income English-speaking countries</i>
<i>Keywords, synonyms</i>	<i>Headings</i> Exp refugee/	<i>Headings</i> Exp reproductive health	Headings exp Health Care Delivery/ or exp	Keywords (Austral* or "New Zealand" or USA or

	Exp immigration/ Keywords migrant* or immigrant* or refugee* or emigrant* or "asylum seeker*" or CALD or "culturally linguistically diverse" or "overseas born"	exp Sexually Transmitted Diseases/ or exp Sexual Health/ or exp HIV/ exp Infertility/ exp Spontaneous Abortion/ or exp Induced Abortion/ exp Birth Control/ exp Gender Violence/ Keywords "Sexual health" or "Reproductive health").mp. or *fertility/ or "gender-based violence".mp. or contracept*.mp. or "Birth control".mp. or abortion.mp. or "sexually transmitted infection*".mp. or "sexually transmitted disease*".mp. or STI.mp. or HIV.mp. or "women's health".mp. or "maternal health".mp. or	Health Care Utilization/ or exp Health Care Services/ or exp Health Care Access/ exp Health Disparities/ or exp Prenatal Care/ exp Health Screening/ exp Health Education/ Keywords "Women's Health Service*" or "Sexual Health Service*" or "Maternal Health Service*" or "Health Service*" or "Healthcare Disparit*" or "Health Care Delivery" or "Health Services Accessibility" or "Maternal-Child Care" or "Health Education" or "Health Screening" or "Sexual Counseling"	"United States*" or "United States of America" or Canada or "United Kingdom" or UK or Brit* or England or "Northern Ireland" or Scotland or Wales or Ireland).mp.
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		"Adolescent health".mp.	OR ((access* or disparit* or barrier* or obstacle* or determinant* or inequalit* or challeng*) adj3 (health care or healthcare or health service* or health education)).mp.	
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4. Proquest Databases (N=501)

Concept 1: TI,AB,SU(Refugee* or migrant or emigrant* or "asylum seeker*" or CALD or "culturally linguistically diverse" or "overseas born")

AND

Concept 2: TI,AB,SU("Sexual health" OR "Reproductive health" OR fertility OR "gender-based violence" OR contracept* OR abortion OR "sexually transmitted infection*" OR "sexually transmitted disease*" OR STI OR HIV OR "women's health" OR "cervical cancer" OR "maternal health" OR "Adolescent health")

AND

Concept 3: TI,AB,SU("Women's Health Service*" OR "Sexual Health Service*" OR "Maternal Health Service*" OR "Health Service*" OR "Healthcare Disparit*" OR "Health Care Delivery" OR "Health Services Accessibility" OR "Maternal-Child Care" OR "Health Education" OR "Health Screening" OR "Sexual Counseling" OR (access* or disparit* or barrier* or obstacle* or determinant* or inequalit* or challeng*) N5 (health care or healthcare or health service* or health education))

AND

Concept 3: (Austral* or "New Zealand" or USA or "United States*" or "United States of America" or Canada or "United Kingdom" or UK or Brit* or England or "Northern Ireland" or Scotland or Wales or Ireland)

5. Scopus, (N=695)

Concept 1: (TITLE-ABS-KEY (refugee* OR emigrant* OR "asylum seeker*" OR CALD OR "culturally linguistically diverse" OR "overseas born"))

AND

Concept 2: (TITLE-ABS-KEY ("Sexual health" OR "Reproductive health" OR fertility OR "gender-based violence" OR contracept* OR abortion OR "sexually transmitted infection*" OR "sexually transmitted disease*" OR STI OR HIV OR "women's health" OR "maternal health" OR "Cervical cancer" OR "Adolescent health"))

AND

Concept 3: (TITLE-ABS-KEY ("Women's Health Service*" OR "Sexual Health Service*" OR "Maternal Health Service*" OR "Health Service*" OR "Healthcare Disparit*" OR "Health Care Delivery" OR "Health Services Accessibility" OR "Maternal-Child Care" OR "Health Education" OR "Health Screening" OR "Sexual Counseling" OR (access* OR disparit* OR barrier* OR obstacle* OR determinant* OR inequalit* OR challenge*) W/5 ("health care" OR healthcare OR "health service*" OR "health education"))

AND

Concept 4: TITLE-ABS-KEY (austral* OR "new zealand" OR usa OR "united states*" OR "united states of america" OR canada OR "united kingdom" OR UK OR Brit* OR england OR "northernireland" OR scotland OR wales OR ireland)

(TITLE-ABS-KEY (refugee* OR migrant* OR emigrant* OR "asylum seeker*" OR cald OR "culturally linguistically diverse" OR "overseas born")) AND (TITLE-ABS-KEY ("Sexual health" OR "Reproductive health" OR fertility OR infertility OR "gender-based violence" OR contracept* OR abortion OR "sexually transmitted infection*" OR "sexually transmitted disease*" OR sti OR hiv OR "women's health" OR "maternal health" OR "Cervical cancer" OR "Adolescent health")) AND (TITLE-ABS-KEY

("Women's Health Service*" OR "Sexual Health Service*" OR "Maternal Health Service*" OR "Health Service*" OR "Healthcare Disparit*" OR "Health Care Delivery" OR "Health Services Accessibility" OR "Maternal-Child Care" OR "Health Education" OR "Health Screening" OR "Sexual Counseling" OR (access* OR disparit* OR barrier* OR obstacle* OR determinant* OR inequalit* OR challeng*) W/5 ("health care" OR healthcare OR "health service*" OR "health education"))) AND (TITLE-ABS-KEY (austral* OR "New Zealand" OR usa OR "United States*" OR "United States of America" OR canada OR "United Kingdom" OR uk OR brit* OR england OR "Northern Ireland" OR scotland OR wales OR ireland)) AND PUBYEAR > 1999 AND PUBYEAR < 2025 AND (LIMIT-TO (EXACTKEYWORD , "Female")))

6. PubMed (N=481)

concepts	MeSH	Keywords
Migrants	((<i>"Transients and Migrants"</i> [Mesh]) OR <i>"Refugees"</i> [Mesh])	(Migrant*[tiab] OR Immigrant*[tiab] OR Refugee*[tiab] OR emigrant*[tiab] OR "asylum seeker"[tiab] "culturally and linguistically diverse"[tiab] OR CALD[tiab] OR "overseas-born"[tiab])
SRH	((("Reproductive Health"[Mesh]) OR "Sexual Health"[Mesh]) OR "Fertility"[Mesh]) OR "Gender-Based Violence"[Mesh]) OR "Contraception"[Mesh])) OR "Sexually Transmitted Diseases"[Mesh]) OR "Women's Health"[Mesh]) OR "Maternal Health"[Mesh]) OR "Uterine Cervical Neoplasms"[Mesh]))	("Sexual health"[tiab] OR "Reproductive health"[tiab] OR fertility[tiab] OR "gender-based violence"[tiab] OR contracept*[tiab] OR abortion[tiab] OR "sexually transmitted infection*[tiab] OR "sexually transmitted disease*[tiab] OR STI[tiab] OR HIV[tiab] OR "Cervical cancer" OR "women's health"[tiab] OR "maternal health"[tiab] OR "Adolescent health"[tiab]))
Concept 3:	((("Reproductive Health Services"[Mesh]) OR "Maternal Health Services"[Mesh]) OR	("Reproductive Health Service*[tiab] OR "Maternal Health Service*[tiab]

	<i>"Women's Health Services"[Mesh]) OR "Health Services Accessibility"[Mesh]) OR "Health Inequities"[Mesh])</i>	OR "Women's Health Service*"[tiab] OR "Health Services Accessibility"[tiab] OR "Health Inequit*"[tiab] OR "Healthcare Disparit*"[tiab] OR "Health Care Delivery"[tiab] OR "Health Education"[tiab] or "Health Screening"[tiab] OR "Sexual Counseling"[tiab])) OR ("health access"[tiab:~5] OR "health disparity"[tiab:~5] OR "health service barrier"[tiab:~5] OR "health service obstacle"[tiab:~5] OR "health inequality"[tiab:~5] OR "health service facilitators"[tiab:~5] OR "health service enablers"[tiab:~5]))
Concept 4: High-income English- speaking countries	"Australia"[Mesh]) OR "New Zealand"[Mesh]) OR "United States"[Mesh]) OR "United Kingdom"[Mesh]) OR "Canada"[Mesh]) OR "Ireland"[Mesh])	(Austral* OR "New Zealand" OR USA OR "United States*" OR "United States of America" OR Canada OR "United Kingdom" OR UK OR Brit* OR England OR "Northern Ireland" OR Scotland OR Wales OR Ireland[tiab])
(((("Transients and Migrants"[Mesh] OR "Refugees"[Mesh] OR Migrant*[tiab] OR Immigrant*[tiab] OR Refugee*[tiab] OR emigrant*[tiab] OR "asylum seeker*"[tiab] OR "culturally and linguistically diverse"[tiab] OR CALD[tiab] OR "overseas-born"[tiab]) AND ("Reproductive Health"[Mesh] OR "Sexual Health"[Mesh] OR "Fertility"[Mesh] OR "Gender-Based Violence"[Mesh] OR "Contraception"[Mesh] OR "Sexually Transmitted Diseases"[Mesh] OR "Women's Health"[Mesh] OR "Maternal Health"[Mesh] OR "Uterine Cervical Neoplasms"[Mesh] OR "Sexual health"[tiab] OR "Reproductive health"[tiab] OR fertility[tiab] OR "gender-based violence"[tiab] OR contracept*[tiab] OR abortion[tiab] OR "sexually transmitted infection*"[tiab] OR "sexually transmitted disease*"[tiab] OR STI[tiab] OR HIV[tiab] OR "Cervical cancer" OR "women's health"[tiab] OR "maternal health"[tiab] OR "Adolescent health"[tiab])) AND ("Reproductive Health Services"[Mesh] OR "Maternal Health Services"[Mesh] OR "Women's Health Services"[Mesh] OR "Health Services Accessibility"[Mesh] OR "Health Inequities"[Mesh] OR "Reproductive Health Service*"[tiab] OR "Maternal Health Service*"[tiab] OR "Women's Health Service*"[tiab] OR "Health Services Accessibility"[tiab] OR "Health Inequit*"[tiab] OR "Healthcare Disparit*"[tiab] OR "Health Care Delivery"[tiab] OR "Health Education"[tiab] OR "Health Screening"[tiab] OR "Sexual Counseling"[tiab] OR "health access"[tiab:~5] OR "health disparity"[tiab:~5] OR "health service barrier"[tiab:~5] OR "health service obstacle"[tiab:~5] OR "health inequality"[tiab:~5] OR "health		

service facilitators"[tiab:~5] OR "health service enablers"[tiab:~5])) AND ("Australia"[Mesh] OR "New Zealand"[Mesh] OR "United States"[Mesh] OR "United Kingdom"[Mesh] OR "Canada"[Mesh] OR "Ireland"[Mesh] OR Austral*[tiab] OR "New Zealand"[tiab] OR USA[tiab] OR "United States*[tiab] OR "United States of America"[tiab] OR Canada[tiab] OR "United Kingdom"[tiab] OR UK[tiab] OR Brit*[tiab] OR England[tiab] OR "Northern Ireland"[tiab] OR Scotland[tiab] OR Wales[tiab] OR Ireland[tiab])

7. Google Scholar (n=101)

(Migrant OR refugee) AND (Australia OR Canada OR Ireland OR Zealand OR UK OR USA) AND (Antenatal OR intrapartum OR postnatal OR "gender-based violence" abortion OR fertility OR "Sexually transmitted infection" OR Contraception OR HIV)

8. Grey Literatures: Advanced google search (N=20)

(sexual or reproductive) "health service" AND (migrant or refugee or CALD) AND (Australia or Canada or Ireland or United Kingdom or United States) filetype:pdf