# **Appendix A: Search Strategies**

Database: PubMed/MEDLINE

Platform: National Library of Medicine   
Date Searched: 2/22/2024

Date Limits: 2019-2024

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| --- | --- | --- |
|  | Concept: | Search Strategy: |
| #1 | Birth | "Infant"[Mesh] OR "infan\*"[Title/Abstract] OR "birth\*"[Title/Abstract] OR "baby"[Title/Abstract] OR "babies"[Title/Abstract] OR "born"[Title/Abstract] OR "newborn\*"[Title/Abstract] OR "new born\*"[Title/Abstract] OR "newly born\*"[Title/Abstract]  OR "Obstetric Labor, Premature"[Mesh] OR "prematur\*"[Title/Abstract] OR "pre-matur\*"[Title/Abstract] OR "preterm\*"[Title/Abstract] OR "neonat\*"[Title/Abstract] OR "neo-nat\*"[Title/Abstract] OR "NICU"[Title/Abstract] OR "NICUs"[Title/Abstract] OR "premie\*"[Title/Abstract] OR "preemie\*"[Title/Abstract] OR "childbirth\*"[Title/Abstract] OR "Delivery, Obstetric"[Mesh] OR "cesarean\*"[Title/Abstract] OR "c-section\*"[Title/Abstract] OR "induced labor\*"[Title/Abstract] OR "vaginal delivery"[Title/Abstract:~4] OR "labor delivery"[Title/Abstract:~4] OR "vaginal deliveries"[Title/Abstract:~4] OR "labor deliveries"[Title/Abstract:~4] |
| #2 | Low Birth Weight | "Birth Weight"[Mesh] OR "birthweight\*"[Title/Abstract] OR "birth weight"[Title/Abstract:~4] OR "Fetal Weight"[Mesh] OR "fetal weight"[Title/Abstract:~4] OR "foetal weight"[Title/Abstract:~4] OR "fetus weight"[Title/Abstract:~4] OR "embryo weight"[Title/Abstract:~4] OR "small gestational"[Title/Abstract:~4] OR "low weight\*"[Title/Abstract] OR "LBW"[Title/Abstract] OR "LBWs"[Title/Abstract] OR "LBWI"[Title/Abstract] OR "ELBW"[Title/Abstract] OR "ELBWI"[Title/Abstract] OR "ELBWs"[Title/Abstract] OR "VLBW"[Title/Abstract] OR "VLBWI"[Title/Abstract] OR "VLBW-I"[Title/Abstract:~1] OR "VLBWs"[Title/Abstract] OR "underweight\*"[Title/Abstract] OR "weight loss\*"[Title/Abstract] OR "loss weight"[Title/Abstract:~4] OR "weight reduction\*"[Title/Abstract] OR "weight status\*"[Title/Abstract] OR "Fetal Growth Retardation"[Mesh] OR "Fetal Growth Retardation"[Title/Abstract] OR "FGR"[Title/Abstract] |
| #3 | Health Disparities | "Health Inequities"[Mesh] OR "inequit\*"[Title/Abstract] OR "equit\*"[Title/Abstract] OR "inequal\*"[Title/Abstract] OR "disparit\*"[Title/Abstract] OR "access healthcare"[Title/Abstract:~4] OR "Social Determinants of Health"[Mesh] OR "SDOH"[Title/Abstract] OR "social determinant\*"[Title/Abstract] OR "structural determinant\*"[Title/Abstract] OR "financial\*"[Title/Abstract] OR "low income\*"[Title/Abstract] OR "poverty"[Title/Abstract] OR "Poverty"[Mesh] OR "loss income"[Title/Abstract:~4] OR "Delivery of Health Care"[Mesh] OR "delivery health care"[Title/Abstract:~4] OR "delivery healthcare"[Title/Abstract:~4] OR "delivery care"[Title/Abstract:~2] OR "delivery services"[Title/Abstract:~4] OR "healthcare system\*"[Title/Abstract] OR "Maternal Nutritional Physiological Phenomena"[Mesh] OR "Malnutrition"[Mesh] OR "malnutrition"[Title/Abstract] OR "food desert\*"[Title/Abstract] OR "food securit\*"[Title/Abstract] OR "food insecurit\*"[Title/Abstract] OR "Diet, Healthy"[Mesh] OR "diet\*"[Title/Abstract] OR "nutrition\*"[Title/Abstract] OR "healthy food\*"[Title/Abstract] OR "Health Literacy"[Mesh] OR "literac\*"[Title/Abstract] OR "Communication Barriers"[Mesh] OR "barrier\*"[Title/Abstract] OR "obstacle\*"[Title/Abstract] OR "second language\*"[Title/Abstract] OR "English proficiency"[Title/Abstract] OR "language proficiency"[Title/Abstract] OR "Appointments and Schedules"[Mesh] OR "appointment\*"[Title/Abstract] OR "well visit\*"[Title/Abstract] OR "preventive medicine"[Title/Abstract] OR "preventive care"[Title/Abstract:~3] OR "Socioeconomic Factors"[Mesh] OR "socioeconomic\*"[Title/Abstract] OR "socio-economic\*"[Title/Abstract] OR "Transportation"[Mesh] OR "transport\*"[Title/Abstract] OR "Built Environment"[Mesh] OR "environment\*"[Title/Abstract] OR "socioenvironment\*"[Title/Abstract] OR "ecologic\*"[Title/Abstract] OR "socioecologic\*"[Title/Abstract] OR "Ill-Housed Persons"[Mesh] OR "Ill-hous\*"[Title/Abstract] OR "unhous\*"[Title/Abstract] OR "homeless\*"[Title/Abstract] OR "shelter\*"[Title/Abstract] OR "Community-Based Participatory Research"[Mesh] OR "communit\*"[Title/Abstract] OR "neighborhood\*"[Title/Abstract] OR "Health Education"[Mesh] OR "education\*"[Title/Abstract]  OR "communicat\*"[Title/Abstract] OR "Cultural Competency"[Mesh] OR "cultural\*"[Title/Abstract] OR "accultur\*"[Title/Abstract] OR "acultur\*"[Title/Abstract] OR "Health Disparate Minority and Vulnerable Populations"[Mesh] OR "Minority Health"[Mesh] OR "minorit\*"[Title/Abstract] OR "race"[Title/Abstract] OR "Prejudice"[Mesh] OR "prejudice\*"[Title/Abstract] OR "racism\*"[Title/Abstract] OR "racial\*"[Title/Abstract] OR "multiracial\*"[Title/Abstract] OR "implicit bias"[Title/Abstract:~4] OR "microaggression\*"[Title/Abstract] OR "micro-aggression\*"[Title/Abstract] OR "microinsult\*"[Title/Abstract] OR "micro insult\*"[Title/Abstract] OR "microinvalidat\*"[Title/Abstract] OR "microassault\*"[Title/Abstract] OR "Social Discrimination"[Mesh] OR "discriminat\*"[Title/Abstract] OR "Social Stigma"[Mesh] OR "stigma\*"[Title/Abstract] OR "Ethnicity"[Mesh] OR "ethnic\*"[Title/Abstract] OR "multiethnic\*"[Title/Abstract] OR "vulnerab\*"[Title/Abstract] OR "disadvantage\*"[Title/Abstract] OR "underserve\*"[Title/Abstract] OR "under-serve\*"[Title/Abstract] OR "underrepresent\*"[Title/Abstract] OR "under-represent\*"[Title/Abstract] OR "marginaliz\*"[Title/Abstract] OR "Emigrants and Immigrants"[Mesh] OR "emigrant\*"[Title/Abstract] OR "immigrant\*"[Title/Abstract] OR "refugee\*"[Title/Abstract] OR "asylum seeker\*"[Title/Abstract] OR "undocumented"[Title/Abstract] OR "sociodemographic\*"[Title/Abstract] OR "socio demographic\*"[Title/Abstract] OR "African American\*"[Title/Abstract] OR "Black"[Title/Abstract] OR "Blacks"[Title/Abstract] OR "Hispanic\*"[Title/Abstract] OR "Latino\*"[Title/Abstract] OR "Latina\*"[Title/Abstract] OR "Latinx"[Title/Abstract] OR "Latine"[Title/Abstract] OR "Asian\*"[Title/Abstract] OR "Pacific Islander\*"[Title/Abstract] OR "Afro-Caribbean\*"[Title/Abstract] OR "AfroCaribbean\*"[Title/Abstract] OR "AfroLatin\*"[Title/Abstract] OR "Arab\*"[Title/Abstract] OR "American Indian\*"[Title/Abstract] OR "Native American\*"[Title/Abstract] OR "Alaska Native\*"[Title/Abstract]  OR "Native Alaskan\*"[Title/Abstract] OR "Hawaiian Native\*"[Title/Abstract] OR "Native Hawaiian\*"[Title/Abstract] OR "Health Services, Indigenous"[Mesh] OR "Nunavut\*"[Title/Abstract] OR "Aborigin\*\*"[Title/Abstract] OR "indigene\*"[Title/Abstract] OR "indigenous\*"[Title/Abstract] OR "Autochtone\*"[Title/Abstract] OR "Eskimo\*"[Title/Abstract] OR "Esquimau\*"[Title/Abstract] OR "First Nation\*"[Title/Abstract] OR "First People\*"[Title/Abstract] OR "Inuit\*"[Title/Abstract] OR "Innuit\*"[Title/Abstract] OR "Inuk\*"[Title/Abstract] OR "Inupiat\*"[Title/Abstract] OR "Amerind\*"[Title/Abstract] OR "Original People\*"[Title/Abstract] OR "Homosexuality"[Mesh] OR "homosexual\*"[Title/Abstract] OR "gay"[Title/Abstract] OR "queer\*"[Title/Abstract] OR "lesbian\*"[Title/Abstract] OR "sexual orientation\*"[Title/Abstract] OR "LGBTQ\*"[Title/Abstract] OR "Transsexualism"[Mesh] OR "transexual\*"[Title/Abstract] OR "transgender\*"[Title/Abstract] OR "gender fluid\*"[Title/Abstract] OR "gender reassign\*"[Title/Abstract] OR "Bisexuality"[Mesh] OR "bisexual\*"[Title/Abstract] OR "bi-sexual\*"[Title/Abstract] OR "Gender Dysphoria"[Mesh] OR "dysphoria\*"[Title/Abstract] OR "gender identit\*"[Title/Abstract] OR "nonbinary\*"[Title/Abstract] OR "non-binary\*"[Title/Abstract] |
| #3 | Systematic Review | "Systematic Review" [Publication Type] OR "Systematic Reviews as Topic"[Mesh] OR "systematic review"[Filter] OR "systematic review"[Title/Abstract:~2] OR "systematic overview\*"[Title/Abstract] OR "Meta-Analysis"[Publication Type] OR "Meta-Analysis as Topic"[Mesh] OR "meta analy\*"[Title/Abstract] OR "metanaly\*"[Title/Abstract] OR "metaanaly\*"[Title/Abstract] OR "met analy\*"[Title/Abstract] OR "meta synthes\*"[Title/Abstract] OR  "scoping review\*"[Title/Abstract] OR "scoping review"[Title/Abstract:~2] OR "rapid review\*"[Title/Abstract] OR "rapid review"[Title/Abstract:~2] OR "umbrella review\*"[Title/Abstract] OR "review of reviews"[Title/Abstract] |
| #4 | Limits Filters | ((#1 AND #2 AND #3 AND #4) NOT ("Animals"[Mesh] NOT ("Animals"[Mesh] AND "Humans"[Mesh]))) NOT ("Letter"[Publication Type] OR "Editorial" [Publication Type] OR "Comment"[Publication Type] OR "News"[Publication Type] OR "Retracted Publication"[Publication Type] OR "Retraction of Publication"[Publication Type] OR "retraction of publication"[Title/Abstract] OR "retraction notice"[Title] OR "retracted publication"[Title/Abstract] OR "protocol\*"[Title] OR "symposium\*"[Title/Abstract] OR "Congress"[Publication Type] OR "Consensus Development Conference"[Publication Type] OR "conference abstract\*"[Title/Abstract] OR "conference proceeding\*"[Title/Abstract] OR "conference paper\*"[Title/Abstract] OR "conference review\*"[Title/Abstract] OR "protocol\*"[Title] OR "Guidelines as Topic"[Mesh] OR "Guideline" [Publication Type] OR "guideline\*"[Title]) Filters: English, from 2019/1/1 - 2024/2/22 |

Database: Embase

Platform: Elsevier   
Date Searched: 2/22/2024   
Date Limits: 2019-2024

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|  | Concept: | Search Strategy: |
| #1 | Birth | 'infant'/exp OR 'immature and premature labor'/exp OR 'obstetric delivery'/exp OR 'infan\*':ab,ti OR 'birth\*':ab,ti OR 'baby':ab,ti OR 'babies':ab,ti OR 'born':ab,ti OR 'newborn\*':ab,ti OR 'new born\*':ab,ti OR 'newly born\*':ab,ti OR 'prematur\*':ab,ti OR 'pre-matur\*':ab,ti OR 'preterm\*':ab,ti OR 'neonat\*':ab,ti OR 'neo-nat\*':ab,ti OR 'nicu':ab,ti OR 'nicus':ab,ti OR 'premie\*':ab,ti OR 'preemie\*':ab,ti OR 'childbirth\*':ab,ti OR 'cesarean\*':ab,ti OR 'c-section\*':ab,ti OR 'induced labor\*':ab,ti OR ((vaginal NEAR/4 deliver\*):ab,ti) OR ((labor NEAR/4 deliver\*):ab,ti) |
| #2 | Low Weight | 'birth weight'/exp OR 'fetus weight'/exp OR 'intrauterine growth retardation'/exp OR 'birthweight\*':ab,ti OR ((birth NEAR/4 weight):ab,ti) OR ((fetal NEAR/4 weight):ab,ti) OR ((foetal NEAR/4 weight):ab,ti) OR ((fetus NEAR/4 weight):ab,ti) OR ((embryo NEAR/4 weight):ab,ti) OR ((small NEAR/4 gestational):ab,ti) OR 'low weight\*':ab,ti OR 'lbw':ab,ti OR 'lbws':ab,ti OR 'lbwi':ab,ti OR 'elbw':ab,ti OR 'elbwi':ab,ti OR 'elbws':ab,ti OR 'vlbw':ab,ti OR 'vlbwi':ab,ti OR 'vlbw-i':ab,ti OR 'vlbws':ab,ti OR 'underweight\*':ab,ti OR 'weight loss\*':ab,ti OR ((loss NEAR/4 weight):ab,ti) OR 'weight reduction\*':ab,ti OR 'weight status\*':ab,ti OR 'fetal growth retardation':ab,ti OR 'fgr':ab,ti |
| #3 | Health Disparities | 'health disparity'/exp OR 'social inequality'/exp OR 'social determinants of health'/exp OR 'poverty'/exp OR 'health care delivery'/mj OR 'maternal nutrition'/exp OR 'malnutrition'/exp OR 'healthy diet'/exp OR 'health literacy'/exp OR 'communication barrier'/exp OR 'patient attendance'/exp OR 'socioeconomic vulnerability'/exp OR 'traffic and transport'/exp OR 'built environment'/exp OR 'homeless person'/exp OR 'participatory research'/exp OR 'health education'/de OR 'cultural competence'/exp OR 'vulnerable population'/exp OR 'ethnic group'/exp OR 'minority group'/exp OR 'ancestry group'/exp OR 'prejudice'/exp OR 'social discrimination'/exp OR 'social stigma'/exp OR 'migrant'/exp OR 'minority health'/exp OR 'indigenous health care'/exp OR 'homosexuality'/exp OR 'bisexuality'/exp OR 'gender dysphoria'/exp OR 'inequit\*':ab,ti OR 'equit\*':ab,ti OR 'inequal\*':ab,ti OR 'disparit\*':ab,ti OR ((access NEAR/4 healthcare):ab,ti) OR 'sdoh':ab,ti OR 'social determinant\*':ab,ti OR 'structural determinant\*':ab,ti OR 'financial\*':ab,ti OR 'low income\*':ab,ti OR 'poverty':ab,ti OR ((loss NEAR/4 income):ab,ti) OR ((delivery NEAR/4 'health care'):ab,ti) OR ((delivery NEAR/4 healthcare):ab,ti) OR ((delivery NEAR/2 care):ab,ti) OR ((delivery NEAR/4 services):ab,ti) OR 'healthcare system\*':ab,ti OR 'malnutrition':ab,ti OR 'food desert\*':ab,ti OR 'food securit\*':ab,ti OR 'food insecurit\*':ab,ti OR 'diet\*':ab,ti OR 'nutrition\*':ab,ti OR 'healthy food\*':ab,ti OR 'literac\*':ab,ti OR 'barrier\*':ab,ti OR 'obstacle\*':ab,ti OR 'second language\*':ab,ti OR 'english proficiency':ab,ti OR 'language proficiency':ab,ti OR 'appointment\*':ab,ti OR 'well visit\*':ab,ti OR 'preventive medicine':ab,ti OR ((preventive NEAR/3 care):ab,ti) OR 'socioeconomic\*':ab,ti OR 'socio-economic\*':ab,ti OR 'transport\*':ab,ti OR 'environment\*':ab,ti OR 'socioenvironment\*':ab,ti OR 'ecologic\*':ab,ti OR 'socioecologic\*':ab,ti OR 'ill-hous\*':ab,ti OR 'unhous\*':ab,ti OR 'homeless\*':ab,ti OR 'shelter\*':ab,ti OR 'communit\*':ab,ti OR 'neighborhood\*':ab,ti OR 'education\*':ab,ti OR 'communicat\*':ab,ti OR 'cultural\*':ab,ti OR 'accultur\*':ab,ti OR 'acultur\*':ab,ti OR 'minorit\*':ab,ti OR 'race':ab,ti OR 'prejudice\*':ab,ti OR 'racism\*':ab,ti OR 'racial\*':ab,ti OR 'multiracial\*':ab,ti OR ((implicit NEAR/4 bias):ab,ti) OR 'microaggression\*':ab,ti OR 'micro-aggression\*':ab,ti OR 'microinsult\*':ab,ti OR 'micro insult\*':ab,ti OR 'microinvalidat\*':ab,ti OR 'microassault\*':ab,ti OR 'discriminat\*':ab,ti OR 'stigma\*':ab,ti OR 'ethnic\*':ab,ti OR 'multiethnic\*':ab,ti OR 'vulnerab\*':ab,ti OR 'disadvantage\*':ab,ti OR 'underserve\*':ab,ti OR 'under-serve\*':ab,ti OR 'underrepresent\*':ab,ti OR 'under-represent\*':ab,ti OR 'marginaliz\*':ab,ti OR 'emigrant\*':ab,ti OR 'immigrant\*':ab,ti OR 'refugee\*':ab,ti OR 'asylum seeker\*':ab,ti OR 'undocumented':ab,ti OR 'sociodemographic\*':ab,ti OR 'socio demographic\*':ab,ti OR 'african american\*':ab,ti OR 'black':ab,ti OR 'blacks':ab,ti OR 'hispanic\*':ab,ti OR 'latino\*':ab,ti OR 'latina\*':ab,ti OR 'latinx':ab,ti OR 'latine':ab,ti OR 'asian\*':ab,ti OR 'pacific islander\*':ab,ti OR 'afro-caribbean\*':ab,ti OR 'afrocaribbean\*':ab,ti OR 'afrolatin\*':ab,ti OR 'arab\*':ab,ti OR 'american indian\*':ab,ti OR 'native american\*':ab,ti OR 'alaska native\*':ab,ti OR 'native alaskan\*':ab,ti OR 'hawaiian native\*':ab,ti OR 'native hawaiian\*':ab,ti OR 'nunavut\*':ab,ti OR 'aborigin\*\*':ab,ti OR 'indigene\*':ab,ti OR 'indigenous\*':ab,ti OR 'autochtone\*':ab,ti OR 'eskimo\*':ab,ti OR 'esquimau\*':ab,ti OR 'first nation\*':ab,ti OR 'first people\*':ab,ti OR 'inuit\*':ab,ti OR 'innuit\*':ab,ti OR 'inuk\*':ab,ti OR 'inupiat\*':ab,ti OR 'amerind\*':ab,ti OR 'original people\*':ab,ti OR 'homosexual\*':ab,ti OR 'gay':ab,ti OR 'queer\*':ab,ti OR 'lesbian\*':ab,ti OR 'sexual orientation\*':ab,ti OR 'lgbtq\*':ab,ti OR 'transexual\*':ab,ti OR 'transgender\*':ab,ti OR 'gender fluid\*':ab,ti OR 'gender reassign\*':ab,ti OR 'bisexual\*':ab,ti OR 'bi-sexual\*':ab,ti OR 'dysphoria\*':ab,ti OR 'gender identit\*':ab,ti OR 'nonbinary\*':ab,ti OR 'non-binary\*':ab,ti |
| #3 | Systematic Review | 'systematic review'/exp OR 'systematic review (topic)'/exp OR 'meta analysis'/exp OR 'meta analysis (topic)'/exp OR 'scoping review'/exp OR 'rapid review'/exp OR 'umbrella review'/exp OR ((systematic NEAR/2 review):ab,ti) OR 'systematic overview\*':ab,ti OR 'meta analy\*':ab,ti OR 'metanaly\*':ab,ti OR 'metaanaly\*':ab,ti OR 'met analy\*':ab,ti OR 'meta synthes\*':ab,ti OR 'scoping review\*':ab,ti OR ((scoping NEAR/2 review):ab,ti) OR 'rapid review\*':ab,ti OR ((rapid NEAR/2 review):ab,ti) OR 'umbrella review\*':ab,ti OR 'review of reviews':ab,ti |
| #4 | Limits Filters | #1 AND #2 AND #3 AND #4 AND [english]/lim AND [2019-2024]/py NOT ([animals]/lim NOT ([animals]/lim AND [humans]/lim)) NOT ([conference abstract]/lim OR [conference paper]/lim OR [conference review]/lim OR 'conference abstract\*':ab,ti OR 'conference proceeding\*':ab,ti OR 'conference paper\*':ab,ti OR [editorial]/lim OR 'retraction notice'/exp OR 'retraction of publication':ab,ti OR 'retraction notice':ti OR 'retracted publication':ab,ti OR [letter]/lim OR [note]/lim OR 'protocol\*':ti OR 'practice guideline'/exp OR 'guideline\*':ti) |