**Search strategy: Impact of Covid 19 and similar pandemics on vulnerable groups access to and use of primary health care**

**Sources searched**  
EMBASE (3)  
Google Advanced (1)  
Google advanced (2)  
MEDLINE (8)

**Date range used** (5 years, 10 years): No limit   
**Limits used** (gender, article/study type, etc.): Peer reviewed in English   
**Search terms and notes** (full search strategy for database searches below):

WHO Covid19 database

tw:((tw:(refugees OR asylum seekers OR homeless OR drug addicts OR sex workers OR prostitutes)) AND (tw:(primary care OR primary healthcare OR general practice OR family practice)))

Google search:

(refugees OR homeless OR vulnerable groups) AND (primary care OR general practice) AND Covid-19 AND (impact OR barriers) "report" filetype:pdf

## C. Search History

|  | **Source** | **Criteria** | **Results** |
| --- | --- | --- | --- |
| 1. | Medline | (social\* OADJ2 exclu\*).ti,ab | 2237 |
| 2. | Medline | ((marginali?ed OR excluded) OADJ2 (population\* OR group\*)).ti,ab | 3550 |
| 3. | Medline | (homeless\* OR "rough sleeper\*").ti,ab | 11309 |
| 4. | Medline | (addicts OR "drug user\*" OR "substance abuser\*" OR "substance abusing").ti,ab | 27207 |
| 5. | Medline | (refugee\* OR migrant\* OR immigrant\* OR "asylum seeker\*").ti,ab | 51159 |
| 6. | Medline | (Gyps\* OR travellers OR "traveller health").ti,ab | 10659 |
| 7. | Medline | ("sex worker\*" OR prostitute\*).ti,ab | 7241 |
| 8. | Medline | (street\* ADJ2 (dwell\* OR living)).ti,ab | 319 |
| 9. | Medline | ("street population\*").ti,ab | 11 |
| 10. | Medline | \*"DRUG USERS"/ OR \*CRIMINALS/ OR \*"HOMELESS PERSONS"/ OR \*PRISONERS/ OR \*REFUGEES/ OR \*"SEX WORKERS"/ OR \*"EMIGRANTS AND IMMIGRANTS"/ | 45150 |
| 19. | Medline | (1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10) | 132462 |
| 20. | EMBASE | (social\* OADJ2 exclu\*).ti,ab | 2868 |
| 21. | EMBASE | ((marginali?ed OR excluded) OADJ2 (population\* OR group\*)).ti,ab | 5750 |
| 22. | EMBASE | (homeless\* OR "rough sleeper\*").ti,ab | 14036 |
| 23. | EMBASE | (addicts OR "drug user\*" OR "substance abuser\*" OR "substance abusing").ti,ab | 35391 |
| 24. | EMBASE | (refugee\* OR migrant\* OR immigrant\* OR "asylum seeker\*").ti,ab | 58658 |
| 25. | EMBASE | (Gyps\* OR travellers OR "traveller health").ti,ab | 12972 |
| 26. | EMBASE | ("sex worker\*" OR prostitute\*).ti,ab | 8885 |
| 27. | EMBASE | (street\* ADJ2 (dwell\* OR living)).ti,ab | 120 |
| 28. | EMBASE | ("street population\*").ti,ab | 21 |
| 29. | EMBASE | \*REFUGEE/ | 7419 |
| 30. | EMBASE | exp \*"HOMELESS PERSON"/ OR \*OFFENDER/ OR \*PRISONER/ | 13878 |
| 31. | EMBASE | "SEX WORKER"/ | 2502 |
| 32. | EMBASE | exp \*"DRUG DEPENDENCE"/ | 144718 |
| 46. | EMBASE | (20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29 OR 30 OR 31 OR 32) | 281843 |
| 33. | PsycINFO | (social\* OADJ2 exclu\*).ti,ab | 3817 |
| 34. | PsycINFO | ((marginali?ed OR excluded) OADJ2 (population\* OR group\*)).ti,ab | 3135 |
| 35. | PsycINFO | (homeless\* OR "rough sleeper\*").ti,ab | 11289 |
| 36. | PsycINFO | (addicts OR "drug user\*" OR "substance abuser\*" OR "substance abusing").ti,ab | 19527 |
| 37. | PsycINFO | (refugee\* OR migrant\* OR immigrant\* OR "asylum seeker\*").ti,ab | 42925 |
| 38. | PsycINFO | (Gyps\* OR travellers OR "traveller health").ti,ab | 920 |
| 39. | PsycINFO | ("sex worker\*" OR prostitute\*).ti,ab | 3871 |
| 40. | PsycINFO | (street\* ADJ2 (dwell\* OR living)).ti,ab | 314 |
| 41. | PsycINFO | ("street population\*").ti,ab | 16 |
| 42. | PsycINFO | exp HOMELESS/ | 7982 |
| 43. | PsycINFO | REFUGEES/ OR "ASYLUM SEEKING"/ | 7536 |
| 44. | PsycINFO | \*"DRUG ADDICTION"/ OR \*"DRUG ABUSE"/ OR \*"SUBSTANCE USE DISORDER"/ | 50402 |
| 45. | PsycINFO | \*PRISONERS/ | 12782 |
| 47. | PsycINFO | (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) | 136621 |
| 48. | Medline | ("primary care" OR "primary healthcare" OR "primary health care" OR "general practi\*" OR "family doctor\*" OR "family practi\*").ti | 83730 |
| 49. | Medline | \*"PRIMARY HEALTH CARE"/ OR \*"PHYSICIANS, PRIMARY CARE"/ | 54353 |
| 50. | Medline | \*"GENERAL PRACTICE"/ OR \*"FAMILY PRACTICE"/ OR \*"GENERAL PRACTITIONERS"/ | 54904 |
| 51. | Medline | ("community health\*" OADJ3 (team\* OR service\*)).ti | 572 |
| 52. | Medline | \*"COMMUNITY HEALTH SERVICES"/ | 20191 |
| 58. | Medline | (48 OR 49 OR 50 OR 51 OR 52) | 156984 |
| 59. | EMBASE | ("primary care" OR "primary healthcare" OR "primary health care" OR "general practi\*" OR "family doctor\*" OR "family practi\*").ti | 111824 |
| 60. | EMBASE | \*"PRIMARY HEALTH CARE"/ OR \*"PHYSICIANS, PRIMARY CARE"/ | 56404 |
| 61. | EMBASE | ("community health\*" OADJ3 (team\* OR service\*)).ti | 591 |
| 62. | EMBASE | exp "PRIMARY HEALTH CARE"/ | 179951 |
| 63. | EMBASE | "GENERAL PRACTICE"/ OR "GENERAL PRACTICE PHYSICIAN"/ | 171485 |
| 64. | EMBASE | (59 OR 60 OR 61 OR 62 OR 63) | 332213 |
| 65. | PsycINFO | \*"PRIMARY HEALTH CARE"/ | 20752 |
| 66. | PsycINFO | "GENERAL PRACTITIONERS"/ OR \*"FAMILY MEDICINE"/ OR \*"FAMILY PHYSICIANS"/ | 8344 |
| 67. | PsycINFO | ("primary care" OR "primary healthcare" OR "primary health care" OR "general practi\*" OR "family doctor\*" OR "family practi\*").ti | 15192 |
| 68. | PsycINFO | ("community health\*" OADJ3 (team\* OR service\*)).ti | 61 |
| 69. | PsycINFO | (65 OR 66 OR 67 OR 68) | 30343 |
| 79. | Medline | ((corona\* OR corono\*) ADJ1 (virus\* OR viral\* OR virinae\*)).ti,ab | 2404 |
| 80. | Medline | (coronavirus\* OR coronovirus\* OR coronavirinae\*).ti,ab | 58237 |
| 81. | Medline | "SARS-COV-2"/ | 54669 |
| 82. | Medline | "COVID-19"/ | 70254 |
| 83. | Medline | ("COVID-19" OR COVID19 OR "CORVID-19" OR CORVID19 OR "SARS-CoV-2" OR "SARSCoV-2" OR "SARSCoV2" OR "SARS-CoV2" OR SARSCov19 OR "SARS-Cov19" OR "SARSCov-19" OR "SARS-Cov-19" OR SARS2 OR "SARS-2" OR SARScoronavirus2 OR "SARS-coronavirus-2" OR "SARScoronavirus 2" OR "SARS coronavirus2" OR SARScoronovirus2 OR "SARS-coronovirus-2" OR "SARScoronovirus 2" OR "SARS coronovirus2").ti,ab | 123136 |
| 84. | Medline | ("middle east respiratory syndrome\*" OR "middle eastern respiratory syndrome\*" OR MERSCoV OR "MERS-CoV" OR MERS).ti,ab | 6699 |
| 85. | Medline | "MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS"/ OR "SARS VIRUS"/ | 5079 |
| 86. | Medline | (79 OR 80 OR 81 OR 82 OR 83 OR 84 OR 85) | 146798 |
| 87. | EMBASE | CORONAVIRINAE/ OR CORONAVIRUS/ OR "CORONAVIRUS INFECTION"/ | 20927 |
| 88. | EMBASE | "CORONAVIRUS DISEASE 2019"/ | 110229 |
| 89. | EMBASE | ((corona\* OR corono\*) ADJ1 (virus\* OR viral\* OR virinae\*)).ti,ab | 2350 |
| 90. | EMBASE | (coronavirus\* OR coronovirus\* OR coronavirinae\*).ti,ab | 56993 |
| 91. | EMBASE | ("COVID-19" OR COVID19 OR "CORVID-19" OR CORVID19 OR "SARS-CoV-2" OR "SARSCoV-2" OR "SARSCoV2" OR "SARS-CoV2" OR SARSCov19 OR "SARS-Cov19" OR "SARSCov-19" OR "SARS-Cov-19" OR SARS2 OR "SARS-2" OR SARScoronavirus2 OR "SARS-coronavirus-2" OR "SARScoronavirus 2" OR "SARS coronavirus2" OR SARScoronovirus2 OR "SARS-coronovirus-2" OR "SARScoronovirus 2" OR "SARS coronovirus2").ti,ab | 120166 |
| 92. | EMBASE | ("middle east respiratory syndrome\*" OR "middle eastern respiratory syndrome\*" OR MERSCoV OR "MERS-CoV" OR MERS).ti,ab | 7248 |
| 93. | EMBASE | "MIDDLE EAST RESPIRATORY SYNDROME CORONAVIRUS"/ OR "SARS-RELATED CORONAVIRUS"/ | 3879 |
| 94. | EMBASE | (87 OR 88 OR 89 OR 90 OR 91 OR 92 OR 93) | 155315 |
| 95. | PsycINFO | "COVID-19"/ | 1515 |
| 96. | PsycINFO | CORONAVIRUS/ | 2566 |
| 97. | PsycINFO | ((corona\* OR corono\*) ADJ1 (virus\* OR viral\* OR virinae\*)).ti,ab | 58 |
| 98. | PsycINFO | (coronavirus\* OR coronovirus\* OR coronavirinae\*).ti,ab | 1749 |
| 99. | PsycINFO | ("COVID-19" OR COVID19 OR "CORVID-19" OR CORVID19 OR "SARS-CoV-2" OR "SARSCoV-2" OR "SARSCoV2" OR "SARS-CoV2" OR SARSCov19 OR "SARS-Cov19" OR "SARSCov-19" OR "SARS-Cov-19" OR SARS2 OR "SARS-2" OR SARScoronavirus2 OR "SARS-coronavirus-2" OR "SARScoronavirus 2" OR "SARS coronavirus2" OR SARScoronovirus2 OR "SARS-coronovirus-2" OR "SARScoronovirus 2" OR "SARS coronovirus2").ti,ab | 5653 |
| 100. | PsycINFO | ("middle east respiratory syndrome\*" OR "middle eastern respiratory syndrome\*" OR MERSCoV OR "MERS-CoV" OR MERS).ti,ab | 137 |
| 101. | PsycINFO | (95 OR 96 OR 97 OR 98 OR 99 OR 100) | 6089 |
| 102. | Medline | (19 AND 58 AND 86) | 13 |
| 103. | EMBASE | (46 AND 64 AND 94) | 43 |
| 104. | PsycINFO | (47 AND 69 AND 101) | 0 |