

Supplementary data 1: Search strategies

MEDLINE and Embase via Ovid

- 1 *Roma/
- 2 Gypsies/
- 3 ((gypsy\$1 or gypsies or gipsy\$1 or gipsies) not (moth or moths or gypsyty3 or gypsy ty3 or ty3gypsy or ty3 gypsy)).ti,ab,kf.
- 4 (roma or romas or romany\$1 or romani or romanis or romanies).ti,ab,kf.
- 5 (arli or arlis or ashkali or ashkalis or aurari or auraris or balkan egyptian or balkan egyptians or bashalde or bashaldes or boyash\$1 or churari or churaris or cigano or ciganos or erlide or erlides or gitano or gitanos or gitans or horahane or horahanes or kalderash\$1 or lalleri or lalleris or lingurari or linguraris or lovari or lovaris or ludar or ludars or ludari or ludaris or luri or luris or machvaya or machvayas or manouche or manouches or manush or manushs or manushes or modgar or modgars or modyar or modyars or romanichal or romanichals or romanichel or romanichels or romanis?l or romanis?ls or romungro or romungros or rudari or rudaris or tsigne or tsignes or ungaritza or ungaritzas or ursari or ursaris or yerlii or yerliis or zl?tari or zl?taris).ti,ab,kf.
- 6 (sinti or sinta or sinte or sintis or sintas or sintes).ti,ab,kf.
- 7 (yenish\$1 or yeniche\$1 or jenische\$1 or ceardannan\$1).ti,ab,kf.
- 8 (quinqi\$1 or mercheros\$1).ti,ab,kf.
- 9 kale.ti,ab,kf. not (exp Brassica/ or brassica\$.ti,ab,kf.)
- 10 (fairground\$1 or fair-ground\$1 or funfair\$1 or fun-fair\$1 or showmen\$1 or show-men\$1 or showwomen\$1 or show-women\$1 or showperson\$1 or show-person\$1 or showpeople\$1 or show-people\$1 or show communit\$ or show travel?er\$1 or forains industriel).ti,ab,kf.
- 11 (circuses or circus men\$1 or circus women\$1 or circus person\$1 or circus people\$1 or circus communit\$ or circus travel?er\$1).ti,ab,kf.
- 12 (bargee\$1 or canal boat\$1 or barge\$1 or boat-dwell\$).ti,ab,kf.
- 13 (pavee\$1 or minceir\$ or lucht\$1 or luchd\$1 or itinerants).ti,ab,kf.
- 14 (travel?er\$1 and (communit\$ or family or families or irish or ireland\$ or eire or wales or welsh or scottish or scotland\$1 or highland\$1 or norwegian\$1 or norway\$1 or newage or new-age or itinerant\$1 or minorit\$ or ethnic\$ or halting site\$1 or caravan\$1)).ti,ab,kf.
- 15 (travel?er\$1 adj1 (people\$ or person or persons or children\$1 or child\$1 or men or mens or male\$1 or women\$1 or female\$1 or population\$1 or group\$1 or site or sites)).ti,ab,kf.
- 16 occupational travel?er\$1.ti,ab,kf.
- 17 (travel?ing adj5 (communit\$ or family or families or irish or ireland\$ or eire or wales or welsh or scottish or scotland\$1 or highland\$1 or norwegian\$1 or norway\$1 or newage or new-age or itinerant\$1 or minorit\$ or ethnic\$ or site\$1 or caravan\$1)).ti,ab,kf.

- 18 (travel?er\$1 or travel?ing).ti,ab,kf. and ("Transients and Migrants"/ or "Emigrants and Immigrants"/ or Vulnerable Populations/ or Minority Groups/ or Ethnic Groups/ or Cultural Characteristics/)
- 19 travel?er\$1.ti. or travel?er\$1.ab. /freq=2
- 20 exp Travel/ or Travel Medicine/ or "travel medicine & infectious disease".jn. or (travel or (travel\$ adj3 (oversea\$ or abroad\$ or international\$ or vacation\$ or holiday\$)) or (return\$ adj1 travel?er\$)) .ti,ab,kf.
- 21 19 not 20
- 22 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 21
- 23 (illitera\$ or literacy or comprehension).ti,ab,kf.
- 24 ((read\$ or writ\$) adj3 (difficult\$ or abilit\$ or skill\$ or proficien\$ or level\$ or achievement\$ or inabilit\$ or unabl\$ or educat\$ or train\$ or learn\$ or book\$ or letter\$ or understand\$ or attain\$ or acquir\$)).ti,ab,kf.
- 25 scholarship.ti,ab,kf.
- 26 (insight\$ or intellect\$ or intelligen\$ or erudit\$ or edifi\$).ti,ab,kf.
- 27 (illitera\$ or alitera\$ or clueless\$ or dumb\$ or mute\$ or semilitera\$ or nescien\$).ti,ab,kf.
- 28 *Literacy/
- 29 *Comprehension/
- 30 *Information Literacy/
- 31 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30
- 32 22 and 31

SCOPUS:

((TITLE-ABS-KEY (illitera\$ OR literacy OR comprehension)) OR (TITLE-ABS-KEY ((read\$ OR writ\$) W/3 (difficult\$ OR abilit\$ OR skill\$ OR proficien\$ OR level\$ OR achievement\$ OR inabilit\$ OR unabl\$ OR educat\$ OR train\$ OR learn\$ OR book\$ OR letter\$ OR understand\$ OR attain\$ OR acquir\$))) OR (TITLE-ABS-KEY (scholarship)) OR (TITLE-ABS-KEY (insight\$ OR intellect\$ OR intelligen\$ OR erudit\$ OR edifi\$)) OR (TITLE-ABS-KEY (illitera\$ OR alitera\$ OR clueless\$ OR dumb\$ OR mute\$ OR semilitera\$ OR nescien\$))) AND ((TITLE-ABS-KEY ((travel?ing W/1 communit\$) OR (travel?ing W/1 family) OR (travel?ing W/1 families) OR (travel?ing W/1 irish) OR (travel?ing W/1 ireland\$) OR (travel?ing W/1 eire) OR (travel?ing W/1 wales) OR (travel?ing W/1 welsh) OR (travel?ing W/1 scottish) OR (travel?ing W/1 scotland\$1) OR (travel?ing W/1 highland\$1) OR (travel?ing W/1 norwegian\$1) OR (travel?ing W/1 norway\$1) OR (travel?ing W/1 newage) OR (travel?ing W/1 new-age) OR (travel?ing W/1 itinerant\$1) OR (travel?ing W/1 minorit\$) OR (travel?ing W/1 ethnic\$) OR (travel?ing W/1 site\$1) OR (travel?ing W/1 caravan\$1)))) OR (TITLE-ABS-KEY (occupational AND travel?er\$1)) OR (TITLE-

ABS-KEY ((travel?er\$1 W/1 people\$) OR (travel?er\$1 W/1 person) OR (travel?er\$1 W/1 persons) OR (travel?er\$1 W/1 children\$1) OR (travel?er\$1 W/1 child\$1) OR (travel?er\$1 W/1 men) OR (travel?er\$1 W/1 mens) OR (travel?er\$1 W/1 male\$1) OR (travel?er\$1 W/1 women\$1) OR (travel?er\$1 W/1 female\$1) OR (travel?er\$1 W/1 population\$1) OR (travel?er\$1 W/1 group\$1) OR (travel?er\$1 W/1 site) OR (travel?er\$1 W/1 sites))) OR (TITLE-ABS-KEY (travel?er\$1 AND (communit\$ OR family OR families OR irish OR ireland\$ OR eire OR wales OR welsh OR scottish OR scotland\$1 OR highland\$1 OR norwegian\$1 OR norway\$1 OR newage OR new-age OR itinerant\$1 OR minorit\$ OR ethnic\$ OR halting AND site\$1 OR caravan\$1))) OR (TITLE-ABS-KEY (pavee\$1 OR minceir\$ OR lucht\$1 OR luchd\$1 OR itinerants)) OR (TITLE-ABS-KEY (bargee\$1 OR canal AND boat\$1 OR barge\$1 OR boat-dwell\$)) OR (TITLE-ABS-KEY (circuses OR circus AND men\$1 OR circus AND women\$1 OR circus AND person\$1 OR circus AND people\$1 OR circus AND communit\$ OR circus AND travel?er\$1)) OR (TITLE-ABS-KEY (fairground\$1 OR fair-ground\$1 OR funfair\$1 OR fun-fair\$1 OR showmen\$1 OR show-men\$1 OR showwomen\$1 OR show-women\$1 OR showperson\$1 OR show-person\$1 OR showpeople\$1 OR show-people\$1 OR show AND communit\$ OR show AND travel?er\$1 OR forains AND industriel)) OR (TITLE-ABS-KEY ((kale) AND NOT (brassica\$))) OR (TITLE-ABS-KEY (quinqu\$1 OR mercheros\$1)) OR (TITLE-ABS-KEY (yenish\$1 OR yeniche\$1 OR jenische\$1 OR ceardannan\$1)) OR (TITLE-ABS-KEY (sinti OR sinta OR sinte OR sintis OR sintas OR sintes)) OR (TITLE-ABS-KEY (arli OR arlis OR ashkali OR ashkalis OR aurari OR auraris OR balkan AND egyptian OR balkan AND egyptians OR bashalde OR bashaldes OR boyash\$1 OR churari OR churaris OR cigano OR ciganos OR erlide OR erlides OR gitano OR gitanos OR gitans OR horahane OR horahanes OR kalderash\$1 OR lalleri OR lalleris OR lingurari OR linguraris OR lovari OR lovaris OR ludar OR ludars OR ludari OR ludaris OR luri OR luris OR machvaya OR machvayas OR manouche OR manouches OR manush OR manushs OR manushes OR modgar OR modgars OR modyar OR modyars OR romanichal OR romanichals OR romanichel OR romanichels OR romanis?l OR romanis?ls OR romungro OR romungros OR rudari OR rudaris OR tsigne OR tsignes OR ungaritza OR ungaritzas OR ursari OR ursaris OR yerlii OR yerliis OR zl?tari OR zl?taris)) OR (TITLE-ABS-KEY (roma OR romas OR romany\$1 OR romani OR romanis OR romanies)) OR (TITLE-ABS-KEY ((gypsy\$1 OR gypsies OR gipsy\$1 OR gipsies) AND NOT (moth OR moths OR gypsyty3 OR gypsy AND ty3 OR ty3gypsy OR ty3 AND gypsy))))

Social Policy & Practice Database through Ovid

1 ((gypsy\$1 or gypsies or gipsy\$1 or gipsies) not (moth or moths or gypsyty3 or gypsy ty3 or ty3gypsy or ty3 gypsy)).ti,ab,de. 838

2 (roma or romas or romany\$1 or romani or romanis or romanies).ti,ab,de. 326

3 (arli or arlis or ashkali or ashkalis or aurari or auraris or balkan egyptian or balkan egyptians or bashalde or bashaldes or boyash\$1 or churari or churaris or cigano or ciganos or erlide or erlides or gitano or gitanos or gitans or horahane or horahanes or kalderash\$1 or lalleri or lalleris or lingurari or linguraris or lovari or lovaris or ludar or ludars or ludari or ludaris or luri or luris or machvaya or machvayas or manouche or manouches or manush or manushs or manushes or modgar or modgars or modyar or modyars or romanichal or romanichals or romanichel or romanichels or romanis?l or romanis?ls or romungro or romungros or rudari or

- rudaris or tsigane or tsiganes or ungaritza or ungaritzas or ursari or ursaris or yerlii or yerliis or zl?tari or zl?taris).ti,ab,de. 1
- 4 (sinti or sinta or sinte or sintis or sintas or sintes).ti,ab,de. 2
- 5 (yenish\$1 or yeniche\$1 or jenische\$1 or ceardannan\$1).ti,ab,de. 0
- 6 (quinqui\$1 or mercheros\$1).ti,ab,de. 0
- 7 (kale not brassica\$).ti,ab,de. 3
- 8 (fairground\$1 or fair-ground\$1 or funfair\$1 or fun-fair\$1 or showmen\$1 or show-men\$1 or showwomen\$1 or show-women\$1 or showperson\$1 or show-person\$1 or showpeople\$1 or show-people\$1 or show communit\$ or show travel?er\$1 or forains industriel).ti,ab,de. 42
- 9 (circuses or circus men\$1 or circus women\$1 or circus person\$1 or circus people\$1 or circus communit\$ or circus travel?er\$1).ti,ab,de. 8
- 10 (bargee\$1 or canal boat\$1 or barge\$1 or boat-dwell\$).ti,ab,de. 17
- 11 (pavee\$1 or minceir\$ or lucht\$1 or luchd\$1 or itinerants).ti,ab,de. 1
- 12 (travel?er\$1 and (communit\$ or family or families or irish or ireland\$ or eire or wales or welsh or scottish or scotland\$1 or highland\$1 or norwegian\$1 or norway\$1 or newage or new-age or itinerant\$1 or minorit\$ or ethnic\$ or halting site\$1 or caravan\$1)).ti,ab,de. 857
- 13 (travel?er\$1 adj1 (people\$ or person or persons or children\$1 or child\$1 or men or mens or male\$1 or women\$1 or female\$1 or population\$1 or group\$1 or site or sites)).ti,ab,de. 352
- 14 occupational travel?er\$1.ti,ab,de. 3
- 15 (travel?ing adj5 (communit\$ or family or families or irish or ireland\$ or eire or wales or welsh or scottish or scotland\$1 or highland\$1 or norwegian\$1 or norway\$1 or newage or new-age or itinerant\$1 or minorit\$ or ethnic\$ or site\$1 or caravan\$1)).ti,ab,de. 104
- 16 travel?er\$1.ti. or travel?er\$1.ab. /freq=2 609
- 17 (travel or (travel\$ adj3 (oversea\$ or abroad\$ or international\$ or vacation\$ or holiday\$)) or (return\$ adj1 travel?er\$)).ti,ab,de. 3306
- 18 16 not 17 577
- 19 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 18 1354
- 20 (illitera\$ or literacy or comprehension).ti,ab,de. 2914
- 21 ((read\$ or writ\$) adj3 (difficult\$ or abilit\$ or skill\$ or proficien\$ or level\$ or achievement\$ or inabilit\$ or unabl\$ or educat\$ or train\$ or learn\$ or book\$ or letter\$ or understand\$ or attain\$ or acquir\$)).ti,ab,de. 1577
- 22 scholarship.ti,ab,de. 355
- 23 (insight\$ or intellect\$ or intelligen\$ or erudit\$ or edifi\$).ti,ab,de. 11393
- 24 (illitera\$ or alitera\$ or clueless\$ or dumb\$ or mute\$ or semilitera\$ or nescien\$).ti,ab,de. 194
- 25 20 or 21 or 22 or 23 or 24 15784

26 19 and 25 52

Cochrane Library:

ID Search Hits

- #1 MeSH descriptor: [Roma] this term only 3
- #2 (((gypsy? or gypsies or gipsy? or gipsies) not (moth or moths or gypsyty3 or gypsy ty3 or ty3gypsy or ty3 gypsy))):ti,ab,kw 15
- #3 ((roma or romas or romany* or romani or romanis or romanies)):ti,ab,kw 192
- #4 ((arli or arlis or ashkali or ashkalis or aurari or auraris or balkan egyptian or balkan egyptians or bashalde or bashaldes or boyash? or churari or churaris or cigano or ciganos or erlide or erlides or gitano or gitanos or gitans or horahane or horahanes or kalderash? or lalleri or lalleris or lingurari or linguraris or lovari or lovaris or ludar or ludars or ludari or ludaris or luri or luris or machvaya or machvayas or manouche or manouches or manush or manushs or manushes or modgar or modgars or modyar or modyars or romanichal or romanichals or romanichel or romanichels or romanis?l or romanis?ls or romungro or romungros or rudari or rudaris or tsigane or tsiganes or ungaritza or ungaritzas or ursari or ursaris or yerlii or yerliis or zl?tari or zl?taris)):ti,ab,kw 3
- #5 ((sinti or sinta or sinte or sintis or sintas or sintes)):ti,ab,kw 7
- #6 ((yenish? or yeniche? or jenische? or ceardannan?):ti,ab,kw 0
- #7 ((quinqi? or mercheros?):ti,ab,kw 0
- #8 (kale not (brassica*)):ti,ab,kw 52
- #9 ((fairground? or fair-ground? or funfair? or fun-fair? or showmen? or show-men? or showwomen? or show-women? or showperson? or show-person? or showpeople? or show-people? or show next communit? or show next travel?er? or forains next industriel)):ti,ab,kw 129
- #10 ((circuses or circus men? or circus women? or circus person? or circus people? or circus communit? or circus travel?er?):ti,ab,kw 7
- #11 ((bargee? or canal boat? or barge? or boat-dwell?):ti,ab,kw 11
- #12 ((pavee? or minceir? or lucht? or luchd? or itinerants)):ti,ab,kw 1
- #13 ((travel?er? and (communit? or family or families or irish or ireland? or eire or wales or welsh or scottish or scotland? or highland? or norwegian? or norway? or newage or new-age or itinerant? or minorit? or ethnic? or halting site? or caravan?))):ti,ab,kw 20
- #14 ((travel?er? near/1 (people? or person or persons or children? or child? or men or mens or male? or women? or female? or population? or group? or site or sites))):ti,ab,kw 4
- #15 (occupational travel?er?):ti,ab,kw 1
- #16 ((travel?ing near/5 (communit? or family or families or irish or ireland? or eire or wales or welsh or scottish or scotland? or highland? or norwegian? or norway? or newage or new-age or itinerant? or minoritor ethnic or site? or caravan?))):ti,ab,kw 25

- #17 ((travel?er? or travel?ing)):ti,ab,kw 973
- #18 MeSH descriptor: [Transients and Migrants] this term only 105
- #19 MeSH descriptor: [Emigrants and Immigrants] this term only 256
- #20 MeSH descriptor: [Vulnerable Populations] this term only 456
- #21 MeSH descriptor: [Minority Groups] this term only 519
- #22 MeSH descriptor: [Ethnicity] this term only 1617
- #23 MeSH descriptor: [Cultural Characteristics] this term only 207
- #24 #18 or #19 or #20 or #21 or #22 or #23 2931
- #25 #17 and #24 3
- #26 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #6 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #25 453
- #27 MeSH descriptor: [Literacy] this term only 124
- #28 MeSH descriptor: [Comprehension] this term only 934
- #29 MeSH descriptor: [Information Literacy] this term only 17
- #30 ((illitera* or literacy or comprehension)):ti,ab,kw 9109
- #31 (((read* or writ*) near/3 (difficult* or abilit* or skill* or proficien* or level* or achievement* or inabilit* or unabl* or educat* or train* or learn* or book* or letter* or understand* or attain* or acquir*)):ti,ab,kw 8103
- #32 ((insight* or intellect* or intelligen* or erudit* or edifi*)):ti,ab,kw 23556
- #33 ((illitera* or alitera* or clueless* or dumb* or mute* or semilitera* or nescien*)):ti,ab,kw 1088
- #34 #27 or #28 or #29 or #30 or #31 or #32 or #33 39660
- #35 #26 and #34 19

Supplementary data 2: Example of theme development process

Quote	Page	Data type	Code	Descriptive theme	Analytical theme
"As with the Roma communities, there was widespread support from Traveller and service providers for simple written information with pictures and a preference for verbal information from health professionals either	p52	b	Simple written info with pictures would be useful alongside or instead of text	Need for alternative (i.e. not just text-based) health information formats	Considerations for health information resources for GRT patients with poor literacy (format)

alongside, or instead, of written information”					
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Data type can be one of: (a) primary quote from study participant, (b) Author's interpretation of primary data in findings/discussion (c) Author's recommendations from the results of the study (not recommendations made by participants) in results or discussion sections, (d) Relevant data from outside the study. Mentions of literacy in the introduction were ignored unless otherwise stated.