

**Table S2. Search strategy used in the consulted databases**

Consistent with the nature of the present systematic evidence map, a broad search strategy was used to cover a wider scope of evidence including all publications associated with healthcare related needs during the first year of the COVID-19 pandemic.

Dates: 2019 to January 14, 2021

Databases: MEDLINE, Embase, Web of Science

## **MEDLINE**

Access platform: Ovid SP

Search Strategy:

No.	Query	Results	Annotations
1	(coronavirus or "covid19" or covid-19 or sars* or "2019-ncov" or "covid-2019" or "severe acute respiratory syndrome coronavirus 2").ti,ab,kw.	108159	Concept: <b>COVID-19</b>
2	Health Personnel/	45907	#2 to #5:  Concept: <b>Healthcare professionals</b>
3	Health Occupations/	8428	
4	health care worker*.ti,ab.	13998	
5	(health adj2 (personnel or occupation*)).ti,ab.	23191	
6	1 or 2 or 3 or 4 or 5	190303	<b>COVID-19</b> OR <b>Healthcare professionals</b>
7	Needs Assessment/	30900	Concept: <b>Needs Assessment</b>
8	((assessment or determination) adj3 ("health care needs" or "healthcare needs")).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	103	Concept: <b>Healthcare needs assessment</b>
9	((healthcare or social or support) adj need*).ti,ab,kw.	7405	Concept: <b>Healthcare or related needs</b>
10	7 or 8 or 9	37658	<b>Needs assessment</b> OR <b>Healthcare needs assessment</b> OR <b>Healthcare or related needs</b>

No.	Query	Results	Annotations
11	6 and 10	1442	( <i>COVID-19</i> OR <i>Healthcare professionals</i> ) AND ( <i>Needs assessment</i> OR <i>Healthcare needs assessment</i> OR <i>Healthcare or related needs</i> )
12	limit 11 to yr="2019 -Current"	452	( <i>COVID-19</i> OR <i>Healthcare professionals</i> ) AND ( <i>Needs assessment</i> OR <i>Healthcare needs assessment</i> OR <i>Healthcare or related needs</i> ) limited by dates specified (limits results to 2019 – current).  Final result

## Embase

Access platform: Elsevier

Search strategy:

No.	Query	Results	Annotations
12	#6 AND #10 AND [2019-2021]/py	541	( <i>COVID-19</i> OR <i>Healthcare professionals</i> ) AND ( <i>Needs assessment</i> OR <i>Healthcare needs assessment</i> OR <i>Healthcare or related needs</i> ) limited by dates specified (limits results to 2019 – 2021).  Final result
11	#6 AND #10	12,272	( <i>COVID-19</i> OR <i>Healthcare professionals</i> ) AND ( <i>Needs assessment</i> OR <i>Healthcare needs assessment</i> OR <i>Healthcare or related needs</i> )
10	#7 OR #8 OR #9	37,138	<i>Needs assessment</i> OR <i>Healthcare needs assessment</i> OR <i>Healthcare or related needs</i>
9	((healthcare OR social OR support) NEAR/1 need*):ti,ab,de	13,006	Concept: <i>Healthcare or related needs</i>

No.	Query	Results	Annotations
8	((assessment OR determination) NEAR/3 ('health care needs' OR 'healthcare needs')):ti,ab,de	125	Concept: <b>Healthcare needs assessment</b>
7	'needs assessment'/exp	24,799	Concept: <b>Needs Assessment</b>
6	#1 OR #2 OR #3 OR #4 OR #5	342,452	<b>COVID-19</b> OR <b>Healthcare professionals</b>
5	((health OR medical) NEAR/2 (personnel OR occupation* OR profession*)):ti,ab	174,155	#2 to #5:  Concept: <b>Healthcare professionals</b>
4	'health care worker*':ti,ab	16,922	
3	'medical profession'/exp	27,247	
2	'health care personnel'/mj	29,968	
1	coronavirus:ti,ab,de OR 'covid19':ti,ab,de OR 'covid 19':ti,ab,de OR sars*:ti,ab,de OR '2019-ncov':ti,ab,de OR 'covid-2019':ti,ab,de OR 'severe acute respiratory syndrome coronavirus 2':ti,ab,de	113,811	Concept: <b>COVID-19</b>

## Web of Science

Access platform: Clarivate

Search strategy:

No.	Query	Results	Annotations
9	#8 limited to 2019 – 2021	633	<b>(Healthcare or related needs OR Healthcare needs assessment)</b> AND <b>(COVID-19 OR Healthcare professionals)</b> limited by dates specified (limits results to 2019 – 2021).  <b>Final result</b>
8	#7 AND #4	1,314	<b>(Healthcare or related needs OR Healthcare needs assessment)</b> AND

No.	Query	Results	Annotations
			( <i>COVID-19</i> OR <i>Healthcare professionals</i> )
7	#6 OR #5	46,948	<i>Healthcare or related needs</i> OR <i>Healthcare needs assessment</i>
6	TS= ((healthcare or social or support) NEAR/1 need*)	46,861	Concept: <i>Healthcare or related needs</i>
5	TS= ((assessment or determination) NEAR/3 ("health care needs" or "healthcare needs"))	12	Concept: <i>Healthcare needs assessment</i>
4	#3 OR #2 OR #1	174,049	<i>COVID-19</i> OR <i>Healthcare professionals</i>
3	TS= (coronavirus or "covid19" or covid-19 or sars* or "2019-ncov" or "covid-2019" or "severe acute respiratory syndrome coronavirus 2")	102,959	Concept: <i>COVID-19</i>
2	TS= health care worker*	42,186	#1 to #2:  Concept: <i>Healthcare professionals</i>
1	TS= (health NEAR/2 (personnel or occupation*))	34,687	